

Low Voltage Switchgear

Disconnect Switches





Innovation. Technology. Quality.

Switchgear from Sälzer: Solutions for the future!

Since 1956 Sälzer has specialised in the development, manufacture and sale of low voltage switchgear.

The large selection of types, switching programmes and mounting forms mean that practical reliable solutions can be achieved quickly. Whatever the switch, all individual parts are optimally co-ordinated, easy to assemble and combine.

Whether in switching and automation systems, mechanical engineering and construction, in the heating, climatic and ventilation industry, environmental technology or other areas: Sälzer switches provide safety!

Product support, training and service as well as a Certified Quality Management to DIN EN ISO 9001 are an essential part of our daily work. Our switches comply with national and international standards (IEC / cUL) and are suitable for world-wide application.

Special requirements?

Call us, we'll help you find an individual solution for your switching needs.

Our Project Engineers are here to understand the special requirements of your project and assist to develop a solution as a partner.

Should your requirements not be covered by our extensive standard product range we have our own Design and Development Department for special switches in order to flexibly, promptly and cost effectively meet your individual requirements.

Disconnect Switches

as of p.8

Safe switching and disconnecting

SMD – Sälzer Modular Design



Faster delivery by SMD!

The SMD (Sälzer Modular Design) is based on a modular product idea so that very high flexibility in product options is possible.

SMD modules are individually prefabricated and tested complete modules. By combining these basic elements, different switch configurations can be realised within short time spans. The switches required by you, the customer, are available for despatch following the assembly of the basic switch module to the mounting form and operator modules (SMD Service).

Within 24 hours, the solution matched to your requirements is ready for despatch – worldwide.

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Info

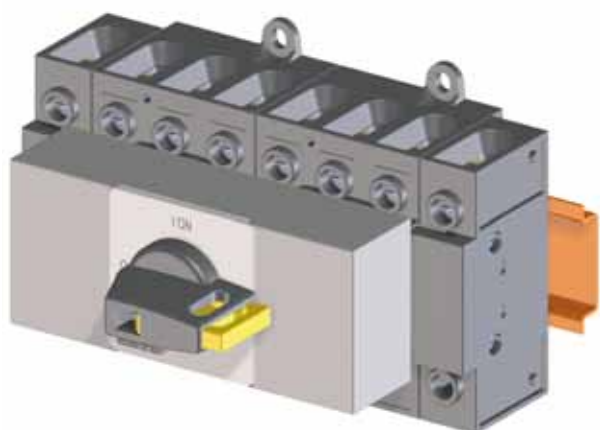
New in this catalogue:

Info

New product line B200 – Types B240, B250 and B263

The new product line B200, is a solution for the increasing demands in many areas of connection technology.

With new robust and increased capacity (25 mm²), and finger protected (IP20), box terminals complete with self-retaining screws. Alternatively the existing, well established, H263 with 16 mm² terminal capacity will remain available until further notice.



8-pole ON-OFF Switch



3-pole ON-OFF Switch (cross-sectional)

Within the product line B200 three types are currently available:

- **B240** = 40A operational current to AC-21A, 15 kW operational power to AC-23A with 380-400 V
- **B250** = 50A operational current to AC-21A, 18.5 kW operational power to AC-23A with 380-400 V
- **B263** = 63A operational current to AC-21A, 22 kW operational power to AC-23A with 380-400 V.

As well as both types being compactly designed and of identical mounting size, both provide additional safety by forced opening and positive closing of the contacts.

All mounting form modules and additional accessories for front and base mounting of the mounting size 200 are usable and are combinable with neutral contact module, auxiliary contact modules and N- and PE-terminals.

⇒ Further information on page 12.

Enclosed Switches with insulated enclosure for EMV/EMC application

Connection system for uninterrupted connection of shielded cables

In recent years, the EMV/EMC regulations have gained increasing importance. Sälzer Electric has developed an insulated enclosure complete with a connection system for the uninterrupted connection of shielded/screened cables and provides shielding of the entire system from electro-magnetic interference. This specific product is listed as the Sälzer EMV/EMC enclosure.

The insulated enclosure (175 × 115 × 100 mm H × W × D) is manufactured of polycarbonate with cover interlock in the ON position. In the enclosure is a shielding connection system that accepts the connection of four shielded/screened cables.

The following Disconnect Switches are available in this enclosure:



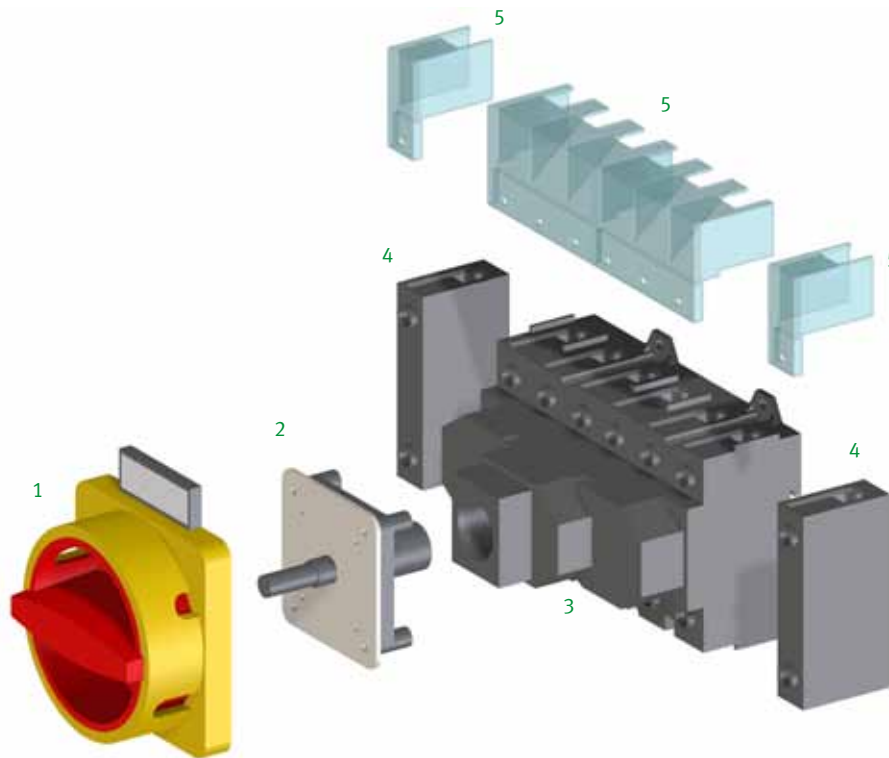
3-pole Main/Emergency-Off Switch with insulated enclosure for EMV/EMC application

- Types **H216, H220, H226** and **H233** as
 - ⇒ 2-, 3- and 4-pole Main/Emergency-Off Switches or Main Switches
 - ⇒ 6-pole Main/Emergency-Off Switches or Main Switches
 - ⇒ 3- and 4-pole ON-OFF Switches
 - ⇒ 6-pole ON-OFF Switches
 - ⇒ 2- and 3-pole Changeover Switches
- Types **B240, B250** and **B263** as
 - ⇒ 2-, 3- and 4-pole Main/Emergency-Off Switches or Main Switches
 - ⇒ 3- and 4-pole ON-OFF Switches.

⇒ Further information on pages 37, 71, 103 and 126.

Disconnect Switches





- 1 Operator module
- 2 Mounting form module
- 3 Switch module
- 4 Additional module
- 5 Terminal cover

Disconnect Switches

Safe Switching and Disconnecting

Disconnect Switches from Sälzer Electric are hand-operated switchgear for main circuits with 90° switching angle and are offered as ON-OFF Switches (2, 3, 4, 6 and 8 pole) or as Changeover Switches with centre OFF (2, 3 and 4 pole).

Design and Function

- 90° switching angle
- forced open contacts
- finger protected
(degree of protection up to IP20)
- short-circuit rating
- fulfills the load break requirements up to 690 V and 1000 V
- terminal screws in open position

Applications

Disconnect Switches offer ideal features for their use as:

- ON-OFF Switches
- Main Switches
- Emergency-Off Switches
- Maintenance Switches
- Safety Switches
- Distribution Switches
- Motor Switches

Conformity

Our products are designed, manufactured and tested according to the following standards:

- IEC 60947
- IEC 60204-1
- EN 60947
- EN 60204-1
- cUL 508

Disconnect Switches

Product overview

Mounting options:



Front Mounting

- Four hole mounting
- Single hole mounting



Base Mounting

- Snap-on mounting
- Four hole mounting



Enclosed Switches

- Insulated enclosure
- Mild steel enclosure
- Stainless steel enclosure

With a broad range of mounting and operator options, Sälzer Electric can provide economical, versatile and reliable solutions!

All products are available
in different versions

Setup of order code number:

The 16 digit order code number for complete switches consists of the three ident numbers for type, switching programme and mounting form:



- the **type** specifies the physical size and power rating of the switch
- the **switching programme** specifies the switching arrangement and the switching angle
- the **mounting form** specifies the mounting, types of handle and optional extras.

In addition to the order code number, each complete switch is assigned a machine readable 13 digit EAN Code.

Ordering example:



Order code number: H216 - 71300 - 214V1

- **Type H216**
for a switch of the product line H200, operational current $I_e = 20 \text{ A}$
- **Switching programme 71300**
for a 3 pole Changeover Switch without auxiliary contacts
- **Mounting form 214V1**
for a front mounting switch with single hole mounting $\varnothing 22.5 \text{ mm}$ and padlockable V-handle (silver/black).

On the individual product pages you will find detailed all possible combinations for the Standard Switching Programmes, hence you will only require the order code number for the complete switch.

Additional switching programmes can be found from page 132 where the new order code number for the switching programme can be identified. Please note that the identification number of the switching programme must now be replaced by the new selection.



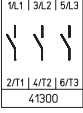
Disconnect Switches


Main/Emergency-Off Switches **Front mounting** Four hole mounting

Main/Emergency-Off Switches

- Front mounting switches with four hole mounting
- 3 up to 8 pole
- 20 A up to 315 A
- IP66 / IP55




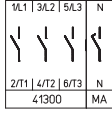



| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|--|-------------------------------------|--------------|--------------------------------|---|---|---|
| | Operat. current I_e AC-21A (A) | Operational power (at 380–440 V) | | |  |  |  |
| | | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 | IP66 |
| | | | | Order code number | Order code number | Order code number | |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 36 × 36 | H216-41300-033N4 | H216-41300-033M4 | H216-41300-033V4 |
| | 20 | 5.5 | 3.7 | 48 × 48 | H216-41300-036N4 | H216-41300-036M4 | H216-41300-036V4 |
| | 25 | 7.5 | 5.5 | 36 × 36 | H220-41300-033N4 | H220-41300-033M4 | H220-41300-033V4 |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41300-036N4 | H220-41300-036M4 | H220-41300-036V4 |
| | 32 | 11 | 7.5 | 36 × 36 | H226-41300-033N4 | H226-41300-033M4 | H226-41300-033V4 |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41300-036N4 | H226-41300-036M4 | H226-41300-036V4 |
| | 40 | 15 | 11 | 36 × 36 | H233-41300-033N4 | H233-41300-033M4 | H233-41300-033V4 |
| | 40 | 15 | 11 | 36 × 36 | B240-41300-033N4* | B240-41300-033M4* | B240-41300-033V4* |
| | 40 | 15 | 11 | 48 × 48 | H233-41300-036N4 | H233-41300-036M4 | H233-41300-036V4 |
| | 40 | 15 | 11 | 48 × 48 | B240-41300-036N4* | B240-41300-036M4* | B240-41300-036V4* |
| | 40 | 15 | 11 | 68 × 68 | B240-41300-136N4 | B240-41300-136M4 | – |
| | 50 | 18.5 | 15 | 36 × 36 | B250-41300-033N4 | B250-41300-033M4 | B250-41300-033V4 |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41300-036N4 | B250-41300-036M4 | B250-41300-036V4 |
| | 50 | 18.5 | 15 | 68 × 68 | B250-41300-136N4 | B250-41300-136M4 | – |
| | 63 | 22 | 18.5 | 36 × 36 | B263-41300-033N4 | B263-41300-033M4 | B263-41300-033V4 |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41300-036N4 | B263-41300-036M4 | B263-41300-036V4 |
| | 63 | 22 | 18.5 | 48 × 48 | H406-41300-033N4* | H406-41300-033M4* | H406-41300-033V4* |
| | 63 | 22 | 18.5 | 68 × 68 | B263-41300-136N4 | B263-41300-136M4 | – |
| | 63 | 22 | 18.5 | 68 × 68 | H406-41300-036N4* | H406-41300-036M4* | – |
| | 80 | 30 | 22 | 48 × 48 | H408-41300-033N4 | H408-41300-033M4 | H408-41300-033V4 |
| 80 | 30 | 22 | 68 × 68 | H408-41300-036N4 | H408-41300-036M4 | – | |
| 100 | 37 | 30 | 48 × 48 | H410-41300-033N4 | H410-41300-033M4 | H410-41300-033V4 | |
| 100 | 37 | 30 | 68 × 68 | H410-41300-036N4 | H410-41300-036M4 | – | |
| 125 | 45 | 37 | 48 × 48 | H412-41300-033N4 | H412-41300-033M4 | H412-41300-033V4 | |
| 125 | 45 | 37 | 68 × 68 | H412-41300-036N4 | H412-41300-036M4 | – | |

| Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device H-handle yellow/red |
|--|-------------------------------------|--------------|--------------------------------|---|
| Operat. current I_e AC-21A (A) | Operational power (at 380–440 V) | | |  |
| | AC-23A (kW) | AC-3 (kW) | IP55 | |
| | | | Order code number | |
| 160 | 75 | 45 | 68 × 68 | K616-41300-033H4 |
| 315 | 132 | 55 | 104 × 104 | K830-41300-033H4 |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|--|---|--------------|--------------------------------|---|---|---|
| | Operat. current I_e AC-21A (A) | Operational power (at 380–440 V) AC-23A (kW) | AC-3 (kW) | |  |  |  |
| | | | | | IP66 | IP66 | IP66 |
| | | | | Order code number | Order code number | Order code number | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break  | 20 | 5.5 | 3.7 | 36 × 36 | H216-41400-033N4 | H216-41400-033M4 | H216-41400-033V4 |
| | 20 | 5.5 | 3.7 | 48 × 48 | H216-41400-036N4 | H216-41400-036M4 | H216-41400-036V4 |
| | 25 | 7.5 | 5.5 | 36 × 36 | H220-41400-033N4 | H220-41400-033M4 | H220-41400-033V4 |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41400-036N4 | H220-41400-036M4 | H220-41400-036V4 |
| | 32 | 11 | 7.5 | 36 × 36 | H226-41400-033N4 | H226-41400-033M4 | H226-41400-033V4 |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41400-036N4 | H226-41400-036M4 | H226-41400-036V4 |
| | 40 | 15 | 11 | 36 × 36 | H233-41400-033N4 | H233-41400-033M4 | H233-41400-033V4 |
| | 40 | 15 | 11 | 36 × 36 | B240-41400-033N4* | B240-41400-033M4* | B240-41400-033V4* |
| | 40 | 15 | 11 | 48 × 48 | H233-41400-036N4 | H233-41400-036M4 | H233-41400-036V4 |
| | 40 | 15 | 11 | 48 × 48 | B240-41400-036N4* | B240-41400-036M4* | B240-41400-036V4* |
| | 40 | 15 | 11 | 68 × 68 | B240-41400-136N4 | B240-41400-136M4 | – |
| | 50 | 18.5 | 15 | 36 × 36 | B250-41400-033N4 | B250-41400-033M4 | B250-41400-033V4 |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41400-036N4 | B250-41400-036M4 | B250-41400-036V4 |
| | 50 | 18.5 | 15 | 68 × 68 | B250-41400-136N4 | B250-41400-136M4 | – |
| | 63 | 22 | 18.5 | 36 × 36 | B263-41400-033N4 | B263-41400-033M4 | B263-41400-033V4 |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41400-036N4 | B263-41400-036M4 | B263-41400-036V4 |
| | 63 | 22 | 18.5 | 48 × 48 | H406-41400-033N4* | H406-41400-033M4* | H406-41400-033V4* |
| | 63 | 22 | 18.5 | 68 × 68 | B263-41400-136N4 | B263-41400-136M4 | – |
| | 63 | 22 | 18.5 | 68 × 68 | H406-41400-036N4* | H406-41400-036M4* | – |
| | 80 | 30 | 22 | 48 × 48 | H408-41400-033N4 | H408-41400-033M4 | H408-41400-033V4 |
| 80 | 30 | 22 | 68 × 68 | H408-41400-036N4 | H408-41400-036M4 | – | |
| 100 | 37 | 30 | 48 × 48 | H410-41400-033N4 | H410-41400-033M4 | H410-41400-033V4 | |
| 100 | 37 | 30 | 68 × 68 | H410-41400-036N4 | H410-41400-036M4 | – | |
| 125 | 45 | 37 | 48 × 48 | H412-41400-033N4 | H412-41400-033M4 | H412-41400-033V4 | |
| 125 | 45 | 37 | 68 × 68 | H412-41400-036N4 | H412-41400-036M4 | – | |


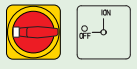
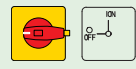
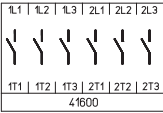
| Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device H-handle yellow/red |
|--|---|--------------|--------------------------------|---|
| Operat. current I_e AC-21A (A) | Operational power (at 380–440 V) AC-23A (kW) | AC-3 (kW) | |  |
| | | | IP55 | |
| | | | Order code number | |
| 160 | 75 | 45 | 68 × 68 | K616-41400-033H4 |
| 315 | 132 | 55 | 104 × 104 | K830-41400-033H4 |

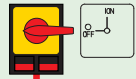
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

Main/Emergency-Off Switches Front mounting Four hole mounting

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|------------------------|----------------------------------|-------------|--------------------------------|--|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | | AC-21A (A) | AC-23A (kW) | | AC-3 (kW) | Order code number | Order code number |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 36 × 36 | H216-41600-033N4 | H216-41600-033M4 | – |
| | 20 | 5.5 | 3.7 | 48 × 48 | H216-41600-036N4 | H216-41600-036M4 | H216-41600-036V4 |
| | 20 | 5.5 | 3.7 | 68 × 68 | H216-41600-136N4 | H216-41600-136M4 | – |
| | 25 | 7.5 | 5.5 | 36 × 36 | H220-41600-033N4 | H220-41600-033M4 | – |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41600-036N4 | H220-41600-036M4 | H220-41600-036V4 |
| | 25 | 7.5 | 7.5 | 68 × 68 | H220-41600-136N4 | H220-41600-136M4 | – |
| | 32 | 11 | 7.5 | 36 × 36 | H226-41600-033N4 | H226-41600-033M4 | – |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41600-036N4 | H226-41600-036M4 | H226-41600-036V4 |
| | 32 | 11 | 7.5 | 68 × 68 | H226-41600-136N4 | H226-41600-136M4 | – |
| | 40 | 15 | 11 | 36 × 36 | H233-41600-033N4 | H233-41600-033M4 | – |
| | 40 | 15 | 11 | 36 × 36 | B240-41600-033N4* | B240-41600-033M4* | – |
| | 40 | 15 | 11 | 48 × 48 | H233-41600-036N4 | H233-41600-036M4 | H233-41600-036V4 |
| | 40 | 15 | 11 | 48 × 48 | B240-41600-036N4* | B240-41600-036M4* | B240-41600-036V4 |
| | 40 | 15 | 11 | 68 × 68 | H233-41600-136N4 | H233-41600-136M4 | – |
| | 40 | 15 | 11 | 68 × 68 | B240-41600-136N4* | B240-41600-136M4* | – |
| | 50 | 18.5 | 15 | 36 × 36 | B250-41600-033N4 | B250-41600-033M4 | – |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41600-036N4 | B250-41600-036M4 | B250-41600-036V4 |
| | 50 | 18.5 | 15 | 68 × 68 | B250-41600-136N4 | B250-41600-136M4 | – |
| | 63 | 22 | 18.5 | 36 × 36 | B263-41600-033N4 | B263-41600-033M4 | – |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41600-036N4 | B263-41600-036M4 | B263-41600-036V4 |
| | 63 | 22 | 18.5 | 48 × 48 | H406-41600-033N4* | H406-41600-033M4* | H406-41600-033V4* |
| | 63 | 22 | 18.5 | 68 × 68 | B263-41600-136N4 | B263-41600-136M4 | – |
| | 63 | 22 | 18.5 | 68 × 68 | H406-41600-036N4* | H406-41600-036M4* | – |
| | 80 | 30 | 22 | 48 × 48 | H408-41600-033N4 | H408-41600-033M4 | H408-41600-033V4 |
| 80 | 30 | 22 | 68 × 68 | H408-41600-036N4 | H408-41600-036M4 | – | |
| 100 | 37 | 30 | 48 × 48 | H410-41600-033N4 | H410-41600-033M4 | H410-41600-033V4 | |
| 100 | 37 | 30 | 68 × 68 | H410-41600-036N4 | H410-41600-036M4 | – | |
| 125 | 45 | 37 | 48 × 48 | H412-41600-033N4 | H412-41600-033M4 | H412-41600-033V4 | |
| 125 | 45 | 37 | 68 × 68 | H412-41600-036N4 | H412-41600-036M4 | – | |

| Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device H-handle yellow/red |
|------------------------|----------------------------------|-----------|--------------------------------|--|
| Operat. current I_e | Operational power (at 380–440 V) | | |  IP55 |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | Order code number | |
| 160 | 75 | 45 | 68 × 68 | K616-41600-033H4 |
| 315 | 132 | 55 | 104 × 104 | K830-41600-033H4 |



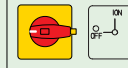
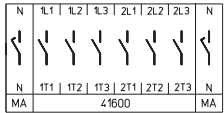
* larger terminal capacity, see page 154


Further switching programmes from page 132.

Disconnect Switches



Main/Emergency-Off Switches Front mounting Four hole mounting

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|--|------------------------------|-------------------------------------|---------|--------------------------------|---|---|---|
| | Operat. current I_e (A) | Operational power (at 380–440 V) | | |  |  |  |
| | | AC-21A | AC-23A | | AC-3 | IP66 | IP66 |
| | | (kW) | (kW) | | Order code number | Order code number | Order code number |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | 36 × 36 | H216-41800-033N4 | H216-41800-033M4 | – |
| | 20 | 5.5 | 3.7 | 48 × 48 | H216-41800-036N4 | H216-41800-036M4 | H216-41800-036V4 |
| | 20 | 5.5 | 3.7 | 68 × 68 | H216-41800-136N4 | H216-41800-136M4 | – |
| | 25 | 7.5 | 5.5 | 36 × 36 | H220-41800-033N4 | H220-41800-033M4 | – |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41800-036N4 | H220-41800-036M4 | H220-41800-036V4 |
| | 25 | 7.5 | 5.5 | 68 × 68 | H220-41800-136N4 | H220-41800-136M4 | – |
| | 32 | 11 | 7.5 | 36 × 36 | H226-41800-033N4 | H226-41800-033M4 | – |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41800-036N4 | H226-41800-036M4 | H226-41800-036V4 |
| | 32 | 11 | 7.5 | 68 × 68 | H226-41800-136N4 | H226-41800-136M4 | – |
| | 40 | 15 | 11 | 36 × 36 | H233-41800-033N4 | H233-41800-033M4 | – |
| | 40 | 15 | 11 | 36 × 36 | B240-41800-033N4* | B240-41800-033M4* | – |
| | 40 | 15 | 11 | 48 × 48 | H233-41800-036N4 | H233-41800-036M4 | H233-41800-036V4 |
| | 40 | 15 | 11 | 48 × 48 | B240-41800-036N4* | B240-41800-036M4* | B240-41800-036V4* |
| | 40 | 15 | 11 | 68 × 68 | H233-41800-136N4 | H233-41800-136M4 | – |
| | 40 | 15 | 11 | 68 × 68 | B240-41800-136N4* | B240-41800-136M4* | – |
| | 50 | 18.5 | 15 | 36 × 36 | B250-41800-033N4 | B250-41800-033M4 | – |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41800-036N4 | B250-41800-036M4 | B250-41800-036V4 |
| | 50 | 18.5 | 15 | 68 × 68 | B250-41800-136N4 | B250-41800-136M4 | – |
| | 63 | 22 | 18.5 | 36 × 36 | B263-41800-033N4 | B263-41800-033M4 | – |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41800-036N4 | B263-41800-036M4 | B263-41800-036V4 |
| 63 | 22 | 18.5 | 48 × 48 | H406-41800-033N4* | H406-41800-033M4* | H406-41800-033V4* | |
| 63 | 22 | 18.5 | 68 × 68 | B263-41800-136N4 | B263-41800-136M4 | – | |
| 63 | 22 | 18.5 | 68 × 68 | H406-41800-036N4* | H406-41800-036M4* | – | |
| 80 | 30 | 22 | 48 × 48 | H408-41800-033N4 | H408-41800-033M4 | H408-41800-033V4 | |
| 80 | 30 | 22 | 68 × 68 | H408-41800-036N4 | H408-41800-036M4 | – | |
| 100 | 37 | 30 | 48 × 48 | H410-41800-033N4 | H410-41800-033M4 | H410-41800-033V4 | |
| 100 | 37 | 30 | 68 × 68 | H410-41800-036N4 | H410-41800-036M4 | – | |
| 125 | 45 | 37 | 48 × 48 | H412-41800-033N4 | H412-41800-033M4 | H412-41800-033V4 | |
| 125 | 45 | 37 | 68 × 68 | H412-41800-036N4 | H412-41800-036M4 | – | |

| Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device H-handle yellow/red |
|------------------------------|-------------------------------------|--------|--------------------------------|---|
| Operat. current I_e (A) | Operational power (at 380–440 V) | | |  |
| | AC-21A | AC-23A | | AC-3 |
| | | (kW) | (kW) | IP55 |
| | | | | Order code number |
| 160 | 75 | 45 | 68 × 68 | K616-41800-033H4 |
| 315 | 132 | 55 | 104 × 104 | K830-41800-033H4 |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

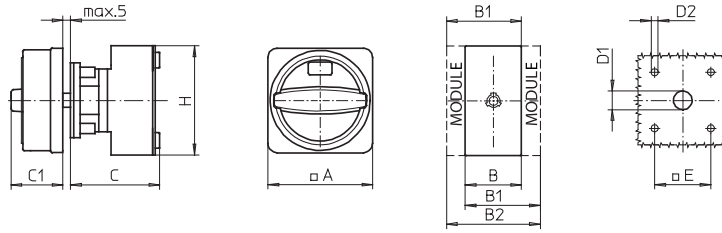
Disconnect Switches

Main/Emergency-Off Switches **Front mounting** Four hole mounting

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|--|------------------|-----------|
| H216 | 41800 | 036N4 |
| Order code no. H216-41800-036N4 | | |



Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|-----|----|----|
| 033M4 | 67 | 36 | 48 | 60 | 58 | 38 | 15 | 4.5 | 36 | 70 |
| 033N4 | 67 | 36 | 48 | 60 | 58 | 33 | 15 | 4.5 | 36 | 70 |
| 033V4 | 48 | 36 | 48 | 60 | 58 | 32 | 12 | 4.5 | 36 | 70 |
| 036M4 | 67 | 36 | 48 | 60 | 58 | 38 | 15 | 5 | 48 | 70 |
| 036N4 | 67 | 36 | 48 | 60 | 58 | 33 | 15 | 5 | 48 | 70 |
| 036V4 | 64 | 36 | 48 | 60 | 58 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|-----|----|----|
| 033M4 | 67 | 50 | 69 | 88 | 58 | 38 | 15 | 4.5 | 36 | 72 |
| 033N4 | 67 | 50 | 69 | 88 | 58 | 33 | 15 | 4.5 | 36 | 72 |
| 033V4 | 48 | 50 | 69 | 88 | 58 | 32 | 12 | 4.5 | 36 | 72 |
| 036M4 | 67 | 50 | 69 | 88 | 58 | 38 | 15 | 5 | 48 | 72 |
| 036N4 | 67 | 50 | 69 | 88 | 58 | 33 | 15 | 5 | 48 | 72 |
| 036V4 | 64 | 50 | 69 | 88 | 58 | 39 | 15 | 5 | 48 | 72 |
| 136M4 | 88 | 50 | 69 | 88 | 58 | 50 | 15 | 5.5 | 68 | 72 |
| 136N4 | 88 | 50 | 69 | 88 | 58 | 45 | 15 | 5.5 | 68 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|-----|----|----|----|-----|----|----|
| 033M4 | 88 | 70 | 89 | 108 | 73 | 50 | 15 | 5 | 48 | 80 |
| 033N4 | 88 | 70 | 89 | 108 | 73 | 45 | 15 | 5 | 48 | 80 |
| 033V4 | 64 | 70 | 89 | 108 | 73 | 39 | 15 | 5 | 48 | 80 |
| 036M4 | 88 | 70 | 89 | 108 | 73 | 50 | 15 | 5.5 | 68 | 80 |
| 036N4 | 88 | 70 | 89 | 108 | 73 | 45 | 15 | 5.5 | 68 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

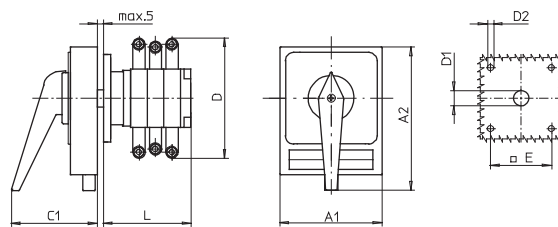
| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|-----|----|----|
| 033M4 | 67 | 72 | 84 | 96 | 66 | 38 | 15 | 4.5 | 36 | 70 |
| 033N4 | 67 | 72 | 84 | 96 | 66 | 33 | 15 | 4.5 | 36 | 70 |
| 036M4 | 67 | 72 | 84 | 96 | 66 | 38 | 15 | 5 | 48 | 70 |
| 036N4 | 67 | 72 | 84 | 96 | 66 | 33 | 15 | 5 | 48 | 70 |
| 036V4 | 64 | 72 | 84 | 96 | 66 | 39 | 15 | 5 | 48 | 70 |
| 136M4 | 88 | 72 | 84 | 96 | 66 | 38 | 15 | 5.5 | 68 | 70 |
| 136N4 | 88 | 72 | 84 | 96 | 66 | 33 | 15 | 5.5 | 68 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|-----|----|----|
| 033M4 | 67 | 100 | 119 | 138 | 70 | 38 | 15 | 4.5 | 36 | 72 |
| 033N4 | 67 | 100 | 119 | 138 | 70 | 33 | 15 | 4.5 | 36 | 72 |
| 036M4 | 67 | 100 | 119 | 138 | 70 | 38 | 15 | 5 | 48 | 72 |
| 036N4 | 67 | 100 | 119 | 138 | 70 | 33 | 15 | 5 | 48 | 72 |
| 036V4 | 64 | 100 | 119 | 138 | 70 | 39 | 15 | 5 | 48 | 72 |
| 136M4 | 88 | 100 | 119 | 138 | 70 | 50 | 15 | 5.5 | 68 | 72 |
| 136N4 | 88 | 100 | 119 | 138 | 70 | 45 | 15 | 5.5 | 68 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|-----|----|----|
| 033M4 | 88 | 140 | 159 | 178 | 86 | 50 | 15 | 5 | 48 | 80 |
| 033N4 | 88 | 140 | 159 | 178 | 86 | 45 | 15 | 5 | 48 | 80 |
| 033V4 | 64 | 140 | 159 | 178 | 86 | 39 | 15 | 5 | 48 | 80 |
| 036M4 | 88 | 140 | 159 | 178 | 86 | 50 | 15 | 5.5 | 68 | 80 |
| 036N4 | 88 | 140 | 159 | 178 | 86 | 45 | 15 | 5.5 | 68 | 80 |



Types K616 / K830:

| Type | Mtg. form | Switching progr. | A1 | A2 | C1 | D* | D1 | D2 | E | L |
|------|-----------|------------------|-----|-----|----|-----|----|-----|-----|-----|
| K616 | 033H4 | 41300 | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 104 |
| K616 | 033H4 | 41400 | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 104 |
| K830 | 033H4 | 41300 | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 125 |
| K830 | 033H4 | 41400 | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 125 |

Types K616 / K830:

| Type | Mtg. form | Switching progr. | A1 | A2 | C1 | D* | D1 | D2 | E | L |
|------|-----------|------------------|-----|-----|----|-----|----|-----|-----|-----|
| K616 | 033H4 | 41600 | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 136 |
| K616 | 033H4 | 41800 | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 168 |
| K830 | 033H4 | 41600 | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 161 |
| K830 | 033H4 | 41800 | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 197 |

Further switching programmes and corresponding dimensions for types K on request.

* terminal lugs included

Main/Emergency-Off Switches

- Front mounting switches with single hole mounting
- 3 up to 8 pole
- 20 A up to 63 A
- IP66






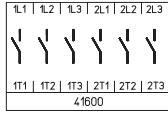
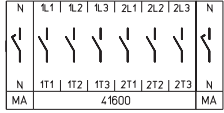
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|--|------------------------|----------------------------------|-----------|--------------------------------|---------------------------------------|---------------------------------------|---|
| | Operat. current I_e | Operational power (at 380–440 V) | | | IP66 | IP66 | IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts 41300 | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41300-206N4 | H216-41300-206M4 | H216-41300-206V4 |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-41300-216N4 | H216-41300-216M4 | H216-41300-216V4 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41300-206N4 | H220-41300-206M4 | H220-41300-206V4 |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-41300-216N4 | H220-41300-216M4 | H220-41300-216V4 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-41300-206N4 | H226-41300-206M4 | H226-41300-206V4 |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-41300-216N4 | H226-41300-216M4 | H226-41300-216V4 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-41300-206N4 | H233-41300-206M4 | H233-41300-206V4 |
| | 40 | 15 | 11 | ∅ 22.5 | B240-41300-206N4* | B240-41300-206M4* | B240-41300-206V4* |
| | 40 | 15 | 11 | ∅ 30.5 | H233-41300-216N4 | H233-41300-216M4 | H233-41300-216V4 |
| | 40 | 15 | 11 | ∅ 30.5 | B240-41300-216N4* | B240-41300-216M4* | B240-41300-216V4* |
| | 50 | 18.5 | 15 | ∅ 22.5 | B250-41300-206N4 | B250-41300-206M4 | B250-41300-206V4 |
| | 50 | 18.5 | 15 | ∅ 30.5 | B250-41300-216N4 | B250-41300-216M4 | B250-41300-216V4 |
| | 63 | 22 | 18.5 | ∅ 22.5 | B263-41300-206N4 | B263-41300-206M4 | B263-41300-206V4 |
| | 63 | 22 | 18.5 | ∅ 30.5 | B263-41300-216N4 | B263-41300-216M4 | B263-41300-216V4 |
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break 41400 MA | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41400-206N4 | H216-41400-206M4 | H216-41400-206V4 |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-41400-216N4 | H216-41400-216M4 | H216-41400-216V4 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41400-206N4 | H220-41400-206M4 | H220-41400-206V4 |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-41400-216N4 | H220-41400-216M4 | H220-41400-216V4 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-41400-206N4 | H226-41400-206M4 | H226-41400-206V4 |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-41400-216N4 | H226-41400-216M4 | H226-41400-216V4 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-41400-206N4 | H233-41400-206M4 | H233-41400-206V4 |
| | 40 | 15 | 11 | ∅ 22.5 | B240-41400-206N4* | B240-41400-206M4* | B240-41400-206V4* |
| | 40 | 15 | 11 | ∅ 30.5 | H233-41400-216N4 | H233-41400-216M4 | H233-41400-216V4 |
| | 40 | 15 | 11 | ∅ 30.5 | B240-41400-216N4* | B240-41400-216M4* | B240-41400-216V4* |
| | 50 | 18.5 | 15 | ∅ 22.5 | B250-41400-206N4 | B250-41400-206M4 | B250-41400-206V4 |
| | 50 | 18.5 | 15 | ∅ 30.5 | B250-41400-216N4 | B250-41400-216M4 | B250-41400-216V4 |
| | 63 | 22 | 18.5 | ∅ 22.5 | B263-41400-206N4 | B263-41400-206M4 | B263-41400-206V4 |
| | 63 | 22 | 18.5 | ∅ 30.5 | B263-41400-216N4 | B263-41400-216M4 | B263-41400-216V4 |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

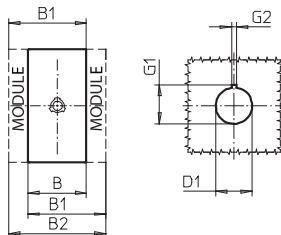
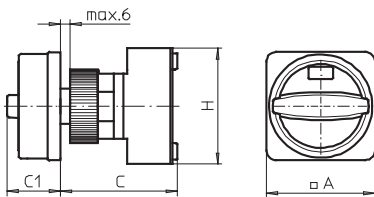
Main/Emergency-Off Switches **Front mounting** Single hole mounting

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|--|------------------------|----------------------------------|-----------|--------------------------------|--|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41600-206N4 | H216-41600-206M4 | – |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-41600-216N4 | H216-41600-216M4 | H216-41600-216V4 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41600-206N4 | H220-41600-206M4 | – |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-41600-216N4 | H220-41600-216M4 | H220-41600-216V4 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-41600-206N4 | H226-41600-206M4 | – |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-41600-216N4 | H226-41600-216M4 | H226-41600-216V4 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-41600-206N4 | H233-41600-206M4 | – |
| | 40 | 15 | 11 | ∅ 30.5 | H233-41600-216N4 | H233-41600-216M4 | H233-41600-216V4 |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41800-206N4 | H216-41800-206M4 | – |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-41800-216N4 | H216-41800-216M4 | H216-41800-216V4 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41800-206N4 | H220-41800-206M4 | – |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-41800-216N4 | H220-41800-216M4 | H220-41800-216V4 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-41800-206N4 | H226-41800-206M4 | – |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-41800-216N4 | H226-41800-216M4 | H226-41800-216V4 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-41800-206N4 | H233-41800-206M4 | – |
| | 40 | 15 | 11 | ∅ 30.5 | H233-41800-216N4 | H233-41800-216M4 | H233-41800-216V4 |

Further switching programmes from page 132.

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H226 | 41300 | 206N4 |
| Order code no. | H226-41300-206N4 | |



Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|----|------|------|-----|----|
| 206M4 | 67 | 36 | 48 | 60 | 75 | 38 | 22.5 | 24.2 | 3.2 | 70 |
| 206N4 | 67 | 36 | 48 | 60 | 75 | 33 | 22.5 | 24.2 | 3.2 | 70 |
| 206V4 | 48 | 36 | 48 | 60 | 75 | 32 | 22.5 | 24.2 | 3.2 | 70 |
| 216M4 | 67 | 36 | 48 | 60 | 75 | 38 | 30.5 | 33 | 4.8 | 70 |
| 216N4 | 67 | 36 | 48 | 60 | 75 | 33 | 30.5 | 33 | 4.8 | 70 |
| 216V4 | 64 | 36 | 48 | 60 | 75 | 39 | 30.5 | 33 | 4.8 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|----|------|------|-----|----|
| 206M4 | 67 | 50 | 69 | 88 | 75 | 38 | 22.5 | 24.2 | 3.2 | 72 |
| 206N4 | 67 | 50 | 69 | 88 | 75 | 33 | 22.5 | 24.2 | 3.2 | 72 |
| 206V4 | 48 | 50 | 69 | 88 | 75 | 32 | 22.5 | 24.2 | 3.2 | 72 |
| 216M4 | 67 | 50 | 69 | 88 | 75 | 38 | 30.5 | 33 | 4.8 | 72 |
| 216N4 | 67 | 50 | 69 | 88 | 75 | 33 | 30.5 | 33 | 4.8 | 72 |
| 216V4 | 64 | 50 | 69 | 88 | 75 | 39 | 30.5 | 33 | 4.8 | 72 |

Switching programmes 6 and 8 pole




Types H216 / H220 / H226 / H233:

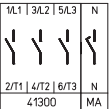
| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|----|------|------|-----|----|
| 206M4 | 67 | 72 | 84 | 96 | 83 | 38 | 22.5 | 24.2 | 3.2 | 70 |
| 206N4 | 67 | 72 | 84 | 96 | 83 | 33 | 22.5 | 24.2 | 3.2 | 70 |
| 216M4 | 67 | 72 | 84 | 96 | 83 | 38 | 30.5 | 33 | 4.8 | 70 |
| 216N4 | 67 | 72 | 84 | 96 | 83 | 33 | 30.5 | 33 | 4.8 | 70 |
| 216V4 | 64 | 72 | 84 | 96 | 83 | 39 | 30.5 | 33 | 4.8 | 70 |

Main/Emergency-Off Switches

- Base mounting switches with snap-on mounting
- for DIN rail
- 3 up to 8 pole
- 20 A up to 125 A
- IP30



| Switching programme | Rated data (IEC 60947) | | | Escutcheon dimension for 45 mm aperture in Panel/Distribution boards (H × W) (mm) | Padlockable handle V-handle yellow/red   IP30 | Order code number |
|---|--------------------------------|----------------------------------|-----------|--|---|--------------------------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 45 × 48 | | H216-41300-026V4 |
| | 20 | 5.5 | 3.7 | 45 × 60 | | H216-41300-126V4 |
| | 25 | 7.5 | 5.5 | 45 × 48 | | H220-41300-026V4 |
| | 25 | 7.5 | 5.5 | 45 × 60 | | H220-41300-126V4 |
| | 32 | 11 | 7.5 | 45 × 48 | | H226-41300-026V4 |
| | 32 | 11 | 7.5 | 45 × 60 | | H226-41300-126V4 |
| | 40 | 15 | 11 | 45 × 48 | | H233-41300-026V4 |
| | 40 | 15 | 11 | 45 × 52.5 | | B240-41300-026V4* |
| | 40 | 15 | 11 | 45 × 60 | | H233-41300-126V4 |
| | 50 | 18.5 | 15 | 45 × 52.5 | | B250-41300-026V4 |
| | 63 | 22 | 18.5 | 45 × 52.5 | | B263-41300-026V4 |
| | 63 | 22 | 18.5 | 45 × 72 | | H406-41300-126V4* |
| | 80 | 30 | 22 | 45 × 72 | | H408-41300-126V4 |
| | 100 | 37 | 30 | 45 × 72 | | H410-41300-126V4 |
| 125 | 45 | 37 | 45 × 72 | | H412-41300-126V4 | |

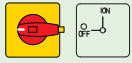
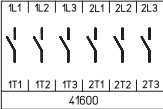
| | | | | | | |
|---|-----|------|---------|-----------|-------------------------|--------------------------|
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break  | 20 | 5.5 | 3.7 | 45 × 48 | | H216-41400-026V4 |
| | 20 | 5.5 | 3.7 | 45 × 60 | | H216-41400-126V4 |
| | 25 | 7.5 | 5.5 | 45 × 48 | | H220-41400-026V4 |
| | 25 | 7.5 | 5.5 | 45 × 60 | | H220-41400-126V4 |
| | 32 | 11 | 7.5 | 45 × 48 | | H226-41400-026V4 |
| | 32 | 11 | 7.5 | 45 × 60 | | H226-41400-126V4 |
| | 40 | 15 | 11 | 45 × 48 | | H233-41400-026V4 |
| | 40 | 15 | 11 | 45 × 52.5 | | B240-41400-026V4* |
| | 40 | 15 | 11 | 45 × 60 | | H233-41400-126V4 |
| | 50 | 18.5 | 15 | 45 × 52.5 | | B250-41400-026V4 |
| | 63 | 22 | 18.5 | 45 × 52.5 | | B263-41400-026V4 |
| | 63 | 22 | 18.5 | 45 × 72 | | H406-41400-126V4* |
| | 80 | 30 | 22 | 45 × 72 | | H408-41400-126V4 |
| | 100 | 37 | 30 | 45 × 72 | | H410-41400-126V4 |
| 125 | 45 | 37 | 45 × 72 | | H412-41400-126V4 | |

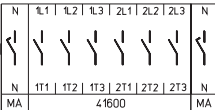
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

Main/Emergency-Off Switches **Base mounting** Snap-on mounting for DIN rail

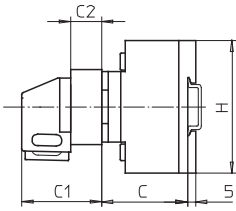
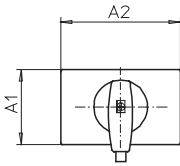
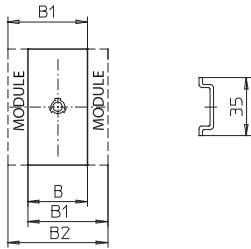
| Switching programme | Rated data (IEC 60947) | | | Escutcheon dimension for 45 mm aperture in Panel/Distribution boards (H × W) (mm) | Padlockable handle V-handle yellow/red  IP30 | Order code number |
|---|--------------------------------|----------------------------------|-----------|--|--|-------------------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 45 × 76 | H216-41600-026V4 | |
| | 25 | 7.5 | 5.5 | 45 × 76 | H220-41600-026V4 | |
| | 32 | 11 | 7.5 | 45 × 76 | H226-41600-026V4 | |
| | 40 | 15 | 11 | 45 × 76 | H233-41600-026V4 | |
| | 40 | 15 | 11 | 45 × 105 | B240-41600-026V4* | |
| | 50 | 18.5 | 15 | 45 × 105 | B250-41600-026V4 | |
| | 63 | 22 | 18.5 | 45 × 105 | B263-41600-026V4 | |
| | 63 | 22 | 18.5 | 45 × 72 | H406-41600-126V4* | |
| | 80 | 30 | 22 | 45 × 72 | H408-41600-126V4 | |
| | 100 | 37 | 30 | 45 × 72 | H410-41600-126V4 | |
| | 125 | 45 | 37 | 45 × 72 | H412-41600-126V4 | |

| | | | | | | |
|---|-----|------|------|----------|--------------------------|--|
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | 45 × 76 | H216-41800-026V4 | |
| | 25 | 7.5 | 5.5 | 45 × 76 | H220-41800-026V4 | |
| | 32 | 11 | 7.5 | 45 × 76 | H226-41800-026V4 | |
| | 40 | 15 | 11 | 45 × 76 | H233-41800-026V4 | |
| | 40 | 15 | 11 | 45 × 105 | B240-41800-026V4* | |
| | 50 | 18.5 | 15 | 45 × 105 | B250-41800-026V4 | |
| | 63 | 22 | 18.5 | 45 × 105 | B263-41800-026V4 | |
| | 63 | 22 | 18.5 | 45 × 72 | H406-41800-126V4* | |
| | 80 | 30 | 22 | 45 × 72 | H408-41800-126V4 | |
| | 100 | 37 | 30 | 45 × 72 | H410-41800-126V4 | |
| | 125 | 45 | 37 | 45 × 72 | H412-41800-126V4 | |

* larger terminal capacity, see page 154
Further switching programmes from page 132.

Dimensions in mm:

| Setup of order code number | | |
|--|------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H216 | 41300 | 026V4 |
| Order code no. H216-41300-026V4 | | |

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|----|----|----|----|----|------|----|
| 026V4 | 45 | 48 | 36 | 48 | 60 | 38 | 45 | 18.5 | 70 |
| 126V4 | 45 | 60 | 36 | 48 | 60 | 38 | 45 | 18.5 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|------|----|----|----|----|----|------|----|
| 026V4 | 45 | 52.5 | 50 | 69 | 88 | 38 | 45 | 18.5 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|----|----|-----|----|----|----|----|
| 126V4 | 45 | 72 | 70 | 89 | 108 | 55 | 48 | 16 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|----|----|----|----|------|------|----|
| 026V4 | 45 | 76 | 72 | 84 | 96 | 40 | 51.5 | 25.5 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|-----|-----|-----|-----|----|------|------|----|
| 026V4 | 45 | 105 | 100 | 119 | 138 | 40 | 51.5 | 25.5 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|-----|-----|-----|----|----|----|----|
| 126V4 | 45 | 72 | 140 | 159 | 178 | 67 | 48 | 16 | 80 |

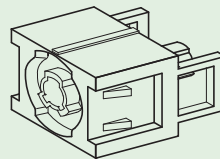
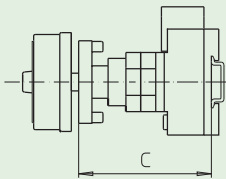
Main/Emergency-Off Switches

- Base mounting switches with snap-on mounting
- Door interlock
- 3 up to 8 pole
- 20 A up to 125 A
- **IP66**
- with modular or metal shaft extension
- single or four hole front mounting



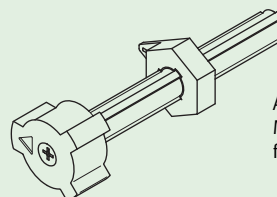
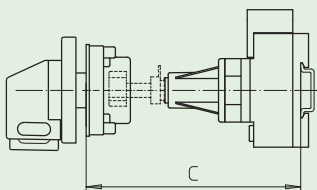
Base mounting switches with snap-on mounting and door interlock are offered with two different extensions:

1. Switches with **modular shaft extensions** can be extended with additional modules (modular shaft extensions see picture) which can be fixed to achieve different required mounting depths – dimension C. The modules are detailed on page 145.

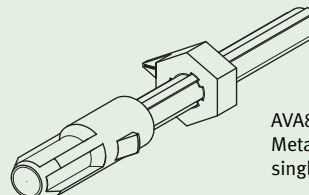
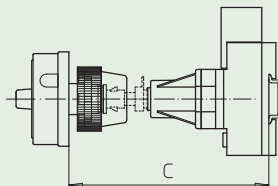


AVC2/AVC4
Modular shaft extension

2. For switches with **metal shaft extension** the metal shaft is not included in the scope of delivery and has to be ordered separately. Data for mounting dimension C and for the different types of metal shafts can be found on page 146.






AVB8
Metal shaft extension for
four hole front mounting



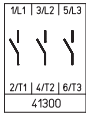
AVA8
Metal shaft extension for
single hole front mounting

Disconnect Switches

Main/Emergency-Off Switches **Base mounting** Snap-on mounting with door interlock

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---------------------|------------------------|----------------------------------|-----------|---------------------------------|--|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |

41300
– 3 pole
– without auxiliary contacts



Modular shaft extension:

→ Modular shaft extensions see page 145!

| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 |
|----|----|----|----|----|----|----|-----|-----|---------|---------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H216-41300-234N4 | H216-41300-238N4 | H216-41300-234M4 | H216-41300-238M4 | H216-41300-234V4 | H216-41300-238V4 | H216-41300-234V4 | H216-41300-238V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H220-41300-234N4 | H220-41300-238N4 | H220-41300-234M4 | H220-41300-238M4 | H220-41300-234V4 | H220-41300-238V4 | H220-41300-234V4 | H220-41300-238V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H226-41300-234N4 | H226-41300-238N4 | H226-41300-234M4 | H226-41300-238M4 | H226-41300-234V4 | H226-41300-238V4 | H226-41300-234V4 | H226-41300-238V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H233-41300-234N4 | H233-41300-238N4 | H233-41300-234M4 | H233-41300-238M4 | H233-41300-234V4 | H233-41300-238V4 | H233-41300-234V4 | H233-41300-238V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | B240-41300-234N4* | B240-41300-238N4* | B240-41300-234M4* | B240-41300-238M4* | B240-41300-234V4* | B240-41300-238V4* | B240-41300-234V4* | B240-41300-238V4* |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H233-41300-238N4 | H233-41300-238M4 | H233-41300-238M4 | H233-41300-238M4 | H233-41300-238V4 | H233-41300-238V4 | H233-41300-238V4 | H233-41300-238V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | B240-41300-238N4* | B240-41300-238M4* | B240-41300-238M4* | B240-41300-238M4* | B240-41300-238V4* | B240-41300-238V4* | B240-41300-238V4* | B240-41300-238V4* |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | B250-41300-234N4 | B250-41300-238N4 | B250-41300-234M4 | B250-41300-238M4 | B250-41300-234V4 | B250-41300-238V4 | B250-41300-234V4 | B250-41300-238V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | B263-41300-234N4 | B263-41300-238N4 | B263-41300-234M4 | B263-41300-238M4 | B263-41300-234V4 | B263-41300-238V4 | B263-41300-234V4 | B263-41300-238V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H406-41300-234N4* | H406-41300-238N4 | H406-41300-234M4* | H406-41300-238M4 | H406-41300-234V4* | H406-41300-238V4 | H406-41300-234V4* | H406-41300-238V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H408-41300-234N4 | H408-41300-238N4 | H408-41300-234M4 | H408-41300-238M4 | H408-41300-234V4 | H408-41300-238V4 | H408-41300-234V4 | H408-41300-238V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H410-41300-234N4 | H410-41300-238N4 | H410-41300-234M4 | H410-41300-238M4 | H410-41300-234V4 | H410-41300-238V4 | H410-41300-234V4 | H410-41300-238V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H412-41300-234N4 | H412-41300-238N4 | H412-41300-234M4 | H412-41300-238M4 | H412-41300-234V4 | H412-41300-238V4 | H412-41300-234V4 | H412-41300-238V4 |



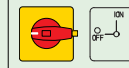
Metal shaft extension:

→ Metal shaft is not included. Please order separately, see page 146!

| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 |
|----|----|----|----|----|----|----|-----|-----|---------|---------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H216-41300-483N4 | H216-41300-484N4 | H216-41300-483M4 | H216-41300-484M4 | H216-41300-483V4 | H216-41300-484V4 | H216-41300-483V4 | H216-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H220-41300-483N4 | H220-41300-484N4 | H220-41300-483M4 | H220-41300-484M4 | H220-41300-483V4 | H220-41300-484V4 | H220-41300-483V4 | H220-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H226-41300-483N4 | H226-41300-484N4 | H226-41300-483M4 | H226-41300-484M4 | H226-41300-483V4 | H226-41300-484V4 | H226-41300-483V4 | H226-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H233-41300-483N4 | H233-41300-484N4 | H233-41300-483M4 | H233-41300-484M4 | H233-41300-483V4 | H233-41300-484V4 | H233-41300-483V4 | H233-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | B240-41300-483N4* | B240-41300-484N4 | B240-41300-483M4* | B240-41300-484M4 | B240-41300-483V4* | B240-41300-484V4 | B240-41300-483V4* | B240-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H233-41300-484N4 | H233-41300-484M4 | H233-41300-484M4 | H233-41300-484M4 | H233-41300-484V4 | H233-41300-484V4 | H233-41300-484V4 | H233-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | B240-41300-484N4* | B240-41300-484M4 | B240-41300-484M4* | B240-41300-484M4 | B240-41300-484V4* | B240-41300-484V4 | B240-41300-484V4* | B240-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H233-41300-281N4 | H233-41300-281M4 | H233-41300-281M4 | H233-41300-281M4 | H233-41300-281V4 | H233-41300-281V4 | H233-41300-281V4 | H233-41300-281V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | B240-41300-281N4* | B240-41300-281M4 | B240-41300-281M4* | B240-41300-281M4 | B240-41300-281V4* | B240-41300-281V4 | B240-41300-281V4* | B240-41300-281V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | B250-41300-483N4 | B250-41300-484N4 | B250-41300-483M4 | B250-41300-484M4 | B250-41300-483V4 | B250-41300-484V4 | B250-41300-483V4 | B250-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | B263-41300-483N4 | B263-41300-484N4 | B263-41300-483M4 | B263-41300-484M4 | B263-41300-483V4 | B263-41300-484V4 | B263-41300-483V4 | B263-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H406-41300-483N4* | H406-41300-484N4 | H406-41300-483M4* | H406-41300-484M4 | H406-41300-483V4* | H406-41300-484V4 | H406-41300-483V4* | H406-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | B263-41300-281N4 | B263-41300-281M4 | B263-41300-281M4 | B263-41300-281M4 | B263-41300-281V4 | B263-41300-281V4 | B263-41300-281V4 | B263-41300-281V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H406-41300-281N4* | H406-41300-281M4 | H406-41300-281M4* | H406-41300-281M4 | H406-41300-281V4* | H406-41300-281V4 | H406-41300-281V4* | H406-41300-281V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H408-41300-483N4 | H408-41300-484N4 | H408-41300-483M4 | H408-41300-484M4 | H408-41300-483V4 | H408-41300-484V4 | H408-41300-483V4 | H408-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H408-41300-281N4 | H408-41300-281M4 | H408-41300-281M4 | H408-41300-281M4 | H408-41300-281V4 | H408-41300-281V4 | H408-41300-281V4 | H408-41300-281V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H410-41300-483N4 | H410-41300-484N4 | H410-41300-483M4 | H410-41300-484M4 | H410-41300-483V4 | H410-41300-484V4 | H410-41300-483V4 | H410-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H410-41300-281N4 | H410-41300-281M4 | H410-41300-281M4 | H410-41300-281M4 | H410-41300-281V4 | H410-41300-281V4 | H410-41300-281V4 | H410-41300-281V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H412-41300-483N4 | H412-41300-484N4 | H412-41300-483M4 | H412-41300-484M4 | H412-41300-483V4 | H412-41300-484V4 | H412-41300-483V4 | H412-41300-484V4 |
| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | H412-41300-281N4 | H412-41300-281M4 | H412-41300-281M4 | H412-41300-281M4 | H412-41300-281V4 | H412-41300-281V4 | H412-41300-281V4 | H412-41300-281V4 |

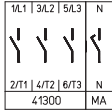
* larger terminal capacity, see page 154

Further switching programmes from page 132.

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---------------------|--------------------------------|----------------------------------|-----------|---------------------------------|--|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |

41400

- 4 pole
- without auxiliary contacts
- neutral contact
- early make/late break



Modular shaft extension:

→ Modular shaft extensions see page 145!

| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 |
|----|----|----|----|----|----|----|-----|-----|------------------|------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | | | | | H216-41400-234N4 | H216-41400-238N4 | H216-41400-234M4 | H216-41400-238M4 | H216-41400-234V4 | H216-41400-238V4 | H220-41400-234N4 | H220-41400-238N4 | H220-41400-234M4 | H220-41400-238M4 | H220-41400-234V4 | H220-41400-238V4 |
| | | | | | | | | | H226-41400-234N4 | H226-41400-238N4 | H226-41400-234M4 | H226-41400-238M4 | H226-41400-234V4 | H226-41400-238V4 | H233-41400-234N4 | H233-41400-238N4 | H233-41400-234M4 | H233-41400-238M4 | H233-41400-234V4 | H233-41400-238V4 |
| | | | | | | | | | H233-41400-238N4 | H233-41400-238N4 | B240-41400-234N4* | B240-41400-238N4* | B240-41400-234V4* | B240-41400-238V4* | H233-41400-238N4 | H233-41400-238N4 | B240-41400-234M4* | B240-41400-238M4* | B240-41400-234V4* | B240-41400-238V4* |
| | | | | | | | | | B250-41400-234N4 | B250-41400-238N4 | B250-41400-234M4 | B250-41400-238M4 | B250-41400-234V4 | B250-41400-238V4 | B263-41400-234N4 | B263-41400-238N4 | B263-41400-234M4 | B263-41400-238M4 | B263-41400-234V4 | B263-41400-238V4 |
| | | | | | | | | | B263-41400-238N4 | B263-41400-238N4 | H406-41400-234N4* | H406-41400-238N4* | H406-41400-234V4* | H406-41400-238V4* | H408-41400-234N4 | H408-41400-238N4 | H408-41400-234M4 | H408-41400-238M4 | H408-41400-234V4 | H408-41400-238V4 |
| | | | | | | | | | H410-41400-234N4 | H410-41400-238N4 | H410-41400-234M4 | H410-41400-238M4 | H410-41400-234V4 | H410-41400-238V4 | H412-41400-234N4 | H412-41400-238N4 | H412-41400-234M4 | H412-41400-238M4 | H412-41400-234V4 | H412-41400-238V4 |

Metal shaft extension:

→ Metal shaft is not included. Please order separately, see page 146!




| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | ∅ 22.5 | 36 × 36 | 48 × 48 | ∅ 22.5 | 36 × 36 | 48 × 48 | ∅ 22.5 | 36 × 36 | 48 × 48 | ∅ 22.5 | 36 × 36 | 48 × 48 | ∅ 22.5 | | |
|----|----|----|----|----|----|----|-----|-----|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | | | | | H216-41400-483N4 | H216-41400-484N4 | H216-41400-281N4 | H216-41400-483M4 | H216-41400-484M4 | H216-41400-281M4 | H216-41400-483V4 | H216-41400-484V4 | H216-41400-281V4 | H220-41400-483N4 | H220-41400-484N4 | H220-41400-281N4 | H220-41400-483M4 | H220-41400-484M4 | H220-41400-281M4 | H220-41400-483V4 | H220-41400-484V4 |
| | | | | | | | | | H226-41400-483N4 | H226-41400-484N4 | H226-41400-281N4 | H226-41400-483M4 | H226-41400-484M4 | H226-41400-281M4 | H226-41400-483V4 | H226-41400-484V4 | H226-41400-281V4 | H233-41400-483N4 | H233-41400-484N4 | H233-41400-281N4 | H233-41400-483M4 | H233-41400-484M4 | H233-41400-281M4 | H233-41400-483V4 | H233-41400-484V4 |
| | | | | | | | | | H233-41400-484N4 | H233-41400-484N4 | H233-41400-281N4 | B240-41400-483N4* | B240-41400-484N4* | B240-41400-281N4* | B240-41400-483M4* | B240-41400-484M4* | B240-41400-281M4* | B240-41400-483V4* | B240-41400-484V4* | B240-41400-281V4* | B240-41400-483M4* | B240-41400-484M4* | B240-41400-281M4* | B240-41400-483V4* | B240-41400-484V4* |
| | | | | | | | | | B250-41400-483N4 | B250-41400-484N4 | B250-41400-281N4 | B250-41400-483M4 | B250-41400-484M4 | B250-41400-281M4 | B250-41400-483V4 | B250-41400-484V4 | B250-41400-281V4 | B263-41400-483N4 | B263-41400-484N4 | B263-41400-281N4 | B263-41400-483M4 | B263-41400-484M4 | B263-41400-281M4 | B263-41400-483V4 | B263-41400-484V4 |
| | | | | | | | | | B263-41400-484N4 | B263-41400-484N4 | H406-41400-483N4* | H406-41400-484N4* | H406-41400-281N4* | H406-41400-483M4* | H406-41400-484M4* | H406-41400-281M4* | H406-41400-483V4* | H406-41400-484V4* | H406-41400-281V4* | H406-41400-483M4* | H406-41400-484M4* | H406-41400-281M4* | H406-41400-483V4* | H406-41400-484V4* | |
| | | | | | | | | | H408-41400-483N4 | H408-41400-484N4 | H408-41400-281N4 | H408-41400-483M4 | H408-41400-484M4 | H408-41400-281M4 | H408-41400-483V4 | H408-41400-484V4 | H408-41400-281V4 | H410-41400-483N4 | H410-41400-484N4 | H410-41400-281N4 | H410-41400-483M4 | H410-41400-484M4 | H410-41400-281M4 | H410-41400-483V4 | H410-41400-484V4 |
| | | | | | | | | | H410-41400-484N4 | H410-41400-484N4 | H410-41400-281N4 | H410-41400-483M4 | H410-41400-484M4 | H410-41400-281M4 | H410-41400-483V4 | H410-41400-484V4 | H410-41400-281V4 | H412-41400-483N4 | H412-41400-484N4 | H412-41400-281N4 | H412-41400-483M4 | H412-41400-484M4 | H412-41400-281M4 | H412-41400-483V4 | H412-41400-484V4 |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

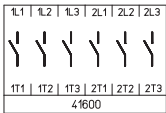
Disconnect Switches

Main/Emergency-Off Switches **Base mounting** Snap-on mounting with door interlock

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---------------------|------------------------|----------------------------------|-----------|---------------------------------|--|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |

41600

– 6 pole
– without auxiliary contacts



Modular shaft extension:

→ Modular shaft extensions see page 145!

| 20 | 5.5 | 3.7 | 36 x 36 | H216-41600-234N4 | H216-41600-234M4 | – |
|-----|------|------|---------|-------------------|-------------------|-------------------|
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41600-238N4 | H216-41600-238M4 | H216-41600-238V4 |
| 25 | 7.5 | 5.5 | 36 x 36 | H220-41600-234N4 | H220-41600-234M4 | – |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41600-238N4 | H220-41600-238M4 | H220-41600-238V4 |
| 32 | 11 | 7.5 | 36 x 36 | H226-41600-234N4 | H226-41600-234M4 | – |
| 32 | 11 | 7.5 | 48 x 48 | H226-41600-238N4 | H226-41600-238M4 | H226-41600-238V4 |
| 40 | 15 | 11 | 36 x 36 | H233-41600-234N4 | H233-41600-234M4 | – |
| 40 | 15 | 11 | 36 x 36 | B240-41600-234N4* | B240-41600-234M4* | – |
| 40 | 15 | 11 | 48 x 48 | H233-41600-238N4 | H233-41600-238M4 | H233-41600-238V4 |
| 40 | 15 | 11 | 48 x 48 | B240-41600-238N4* | B240-41600-238M4* | B240-41600-238V4* |
| 50 | 18.5 | 15 | 36 x 36 | B250-41600-234N4 | B250-41600-234M4 | – |
| 50 | 18.5 | 15 | 48 x 48 | B250-41600-238N4 | B250-41600-238M4 | B250-41600-238V4 |
| 63 | 22 | 18.5 | 36 x 36 | B263-41600-234N4 | B263-41600-234M4 | – |
| 63 | 22 | 18.5 | 48 x 48 | B263-41600-238N4 | B263-41600-238M4 | B263-41600-238V4 |
| 63 | 22 | 18.5 | 48 x 48 | H406-41600-234N4* | H406-41600-234M4* | H406-41600-234V4* |
| 80 | 30 | 22 | 48 x 48 | H408-41600-234N4 | H408-41600-234M4 | H408-41600-234V4 |
| 100 | 37 | 30 | 48 x 48 | H410-41600-234N4 | H410-41600-234M4 | H410-41600-234V4 |
| 125 | 45 | 37 | 48 x 48 | H412-41600-234N4 | H412-41600-234M4 | H412-41600-234V4 |




Metal shaft extension:

→ Metal shaft is not included. Please order separately, see page 146!

| | | | | | | |
|-----|------|------|---------|-------------------|-------------------|-------------------|
| 20 | 5.5 | 3.7 | 36 x 36 | H216-41600-483N4 | H216-41600-483M4 | – |
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41600-484N4 | H216-41600-484M4 | H216-41600-484V4 |
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41600-281N4 | H216-41600-281M4 | – |
| 25 | 7.5 | 5.5 | 36 x 36 | H220-41600-483N4 | H220-41600-483M4 | – |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41600-484N4 | H220-41600-484M4 | H220-41600-484V4 |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41600-281N4 | H220-41600-281M4 | – |
| 32 | 11 | 7.5 | 36 x 36 | H226-41600-483N4 | H226-41600-483M4 | – |
| 32 | 11 | 7.5 | 48 x 48 | H226-41600-484N4 | H226-41600-484M4 | H226-41600-484V4 |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-41600-281N4 | H226-41600-281M4 | – |
| 40 | 15 | 11 | 36 x 36 | H233-41600-483N4 | H233-41600-483M4 | – |
| 40 | 15 | 11 | 36 x 36 | B240-41600-483N4* | B240-41600-483M4* | – |
| 40 | 15 | 11 | 48 x 48 | H233-41600-484N4 | H233-41600-484M4 | H233-41600-484V4 |
| 40 | 15 | 11 | 48 x 48 | B240-41600-484N4* | B240-41600-484M4* | B240-41600-484V4* |
| 40 | 15 | 11 | ∅ 22.5 | H233-41600-281N4 | H233-41600-281M4 | – |
| 40 | 15 | 11 | ∅ 22.5 | B240-41600-281N4* | B240-41600-281M4* | – |
| 50 | 18.5 | 15 | 36 x 36 | B250-41600-483N4 | B250-41600-483M4 | – |
| 50 | 18.5 | 15 | 48 x 48 | B250-41600-484N4 | B250-41600-484M4 | B250-41600-484V4 |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-41600-281N4 | B250-41600-281M4 | – |
| 63 | 22 | 18.5 | 36 x 36 | B263-41600-483N4 | B263-41600-483M4 | – |
| 63 | 22 | 18.5 | 48 x 48 | B263-41600-484N4 | B263-41600-484M4 | B263-41600-484V4 |
| 63 | 22 | 18.5 | 48 x 48 | H406-41600-483N4* | H406-41600-483M4* | H406-41600-483V4* |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-41600-281N4 | B263-41600-281M4 | – |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-41600-281N4* | H406-41600-281M4* | H406-41600-281V4 |
| 80 | 30 | 22 | 48 x 48 | H408-41600-483N4 | H408-41600-483M4 | H408-41600-483V4 |
| 80 | 30 | 22 | ∅ 22.5 | H408-41600-281N4 | H408-41600-281M4 | H408-41600-281V4 |
| 100 | 37 | 30 | 48 x 48 | H410-41600-483N4 | H410-41600-483M4 | H410-41600-483V4 |
| 100 | 37 | 30 | ∅ 22.5 | H410-41600-281N4 | H410-41600-281M4 | H410-41600-281V4 |
| 125 | 45 | 37 | 48 x 48 | H412-41600-483N4 | H412-41600-483M4 | H412-41600-483V4 |
| 125 | 45 | 37 | ∅ 22.5 | H412-41600-281N4 | H412-41600-281M4 | H412-41600-281V4 |

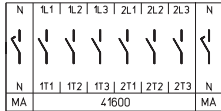
* larger terminal capacity, see page 154

Further switching programmes from page 132.

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---------------------|------------------------|----------------------------------|-----------|---------------------------------|--|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |

41800

- 8 pole
- without auxiliary contacts
- 2 neutral contacts
- early make/late break



Modular shaft extension:

➔ Modular shaft extensions see page 145!

| | | | | | | |
|-----|------|------|---------|-------------------|-------------------|-------------------|
| 20 | 5.5 | 3.7 | 36 x 36 | H216-41800-234N4 | H216-41800-234M4 | – |
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41800-238N4 | H216-41800-238M4 | H216-41800-238V4 |
| 25 | 7.5 | 5.5 | 36 x 36 | H220-41800-234N4 | H220-41800-234M4 | – |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41800-238N4 | H220-41800-238M4 | H220-41800-238V4 |
| 32 | 11 | 7.5 | 36 x 36 | H226-41800-234N4 | H226-41800-234M4 | – |
| 32 | 11 | 7.5 | 48 x 48 | H226-41800-238N4 | H226-41800-238M4 | H226-41800-238V4 |
| 40 | 15 | 11 | 36 x 36 | H233-41800-234N4 | H233-41800-234M4 | – |
| 40 | 15 | 11 | 36 x 36 | B240-41800-234N4* | B240-41800-234M4* | – |
| 40 | 15 | 11 | 48 x 48 | H233-41800-238N4 | H233-41800-238M4 | H233-41800-238V4 |
| 40 | 15 | 11 | 48 x 48 | B240-41800-238N4* | B240-41800-238M4* | B240-41800-238V4* |
| 50 | 18.5 | 15 | 36 x 36 | B250-41800-234N4 | B250-41800-234M4 | – |
| 50 | 18.5 | 15 | 48 x 48 | B250-41800-238N4 | B250-41800-238M4 | B250-41800-238V4 |
| 63 | 22 | 18.5 | 36 x 36 | B263-41800-234N4 | B263-41800-234M4 | – |
| 63 | 22 | 18.5 | 48 x 48 | B263-41800-238N4 | B263-41800-238M4 | B263-41800-238V4 |
| 63 | 22 | 18.5 | 48 x 48 | H406-41800-234N4* | H406-41800-234M4* | H406-41800-234V4* |
| 80 | 30 | 22 | 48 x 48 | H408-41800-234N4 | H408-41800-234M4 | H408-41800-234V4 |
| 100 | 37 | 30 | 48 x 48 | H410-41800-234N4 | H410-41800-234M4 | H410-41800-234V4 |
| 125 | 45 | 37 | 48 x 48 | H412-41800-234N4 | H412-41800-234M4 | H412-41800-234V4 |

Metal shaft extension:

➔ Metal shaft is not included. Please order separately, see page 146!

| | | | | | | |
|-----|------|------|---------|-------------------|-------------------|-------------------|
| 20 | 5.5 | 3.7 | 36 x 36 | H216-41800-483N4 | H216-41800-483M4 | – |
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41800-484N4 | H216-41800-484M4 | H216-41800-484V4 |
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41800-281N4 | H216-41800-281M4 | – |
| 25 | 7.5 | 5.5 | 36 x 36 | H220-41800-483N4 | H220-41800-483M4 | – |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41800-484N4 | H220-41800-484M4 | H220-41800-484V4 |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41800-281N4 | H220-41800-281M4 | – |
| 32 | 11 | 7.5 | 36 x 36 | H226-41800-483N4 | H226-41800-483M4 | – |
| 32 | 11 | 7.5 | 48 x 48 | H226-41800-484N4 | H226-41800-484M4 | H226-41800-484V4 |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-41800-281N4 | H226-41800-281M4 | – |
| 40 | 15 | 11 | 36 x 36 | H233-41800-483N4 | H233-41800-483M4 | – |
| 40 | 15 | 11 | 36 x 36 | B240-41800-483N4* | B240-41800-483M4* | – |
| 40 | 15 | 11 | 48 x 48 | H233-41800-484N4 | H233-41800-484M4 | H233-41800-484V4 |
| 40 | 15 | 11 | 48 x 48 | B240-41800-484N4* | B240-41800-484M4* | B240-41800-484V4* |
| 40 | 15 | 11 | ∅ 22.5 | H233-41800-281N4 | H233-41800-281M4 | – |
| 40 | 15 | 11 | ∅ 22.5 | B240-41800-281N4* | B240-41800-281M4* | – |
| 50 | 18.5 | 15 | 36 x 36 | B250-41800-483N4 | B250-41800-483M4 | – |
| 50 | 18.5 | 15 | 48 x 48 | B250-41800-484N4 | B250-41800-484M4 | B250-41800-484V4 |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-41800-281N4 | B250-41800-281M4 | – |
| 63 | 22 | 18.5 | 36 x 36 | B263-41800-483N4 | B263-41800-483M4 | – |
| 63 | 22 | 18.5 | 48 x 48 | B263-41800-484N4 | B263-41800-484M4 | B263-41800-484V4 |
| 63 | 22 | 18.5 | 48 x 48 | H406-41800-483N4* | H406-41800-483M4* | H406-41800-483V4* |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-41800-281N4 | B263-41800-281M4 | – |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-41800-281N4* | H406-41800-281M4* | H406-41800-281V4 |
| 80 | 30 | 22 | 48 x 48 | H408-41800-483N4 | H408-41800-483M4 | H408-41800-483V4 |
| 80 | 30 | 22 | ∅ 22.5 | H408-41800-281N4 | H408-41800-281M4 | H408-41800-281V4 |
| 100 | 37 | 30 | 48 x 48 | H410-41800-483N4 | H410-41800-483M4 | H410-41800-483V4 |
| 100 | 37 | 30 | ∅ 22.5 | H410-41800-281N4 | H410-41800-281M4 | H410-41800-281V4 |
| 125 | 45 | 37 | 48 x 48 | H412-41800-483N4 | H412-41800-483M4 | H412-41800-483V4 |
| 125 | 45 | 37 | ∅ 22.5 | H412-41800-281N4 | H412-41800-281M4 | H412-41800-281V4 |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

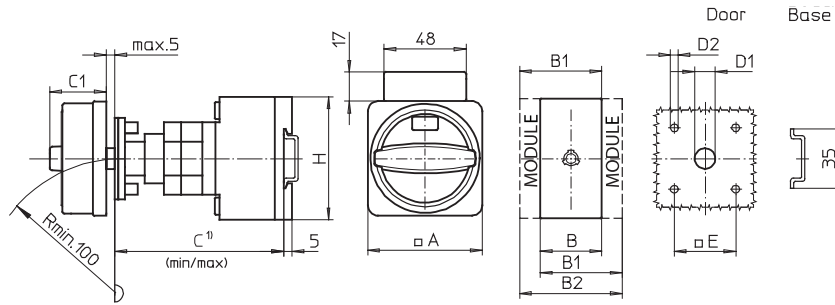
Disconnect Switches

Main/Emergency-Off Switches **Base mounting** Snap-on mounting with door interlock

Dimensions in mm:

Door interlock with **modular shaft extension**: Four hole front mounting

| Setup of order code number | | |
|--|------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H233 | 41400 | 234N4 |
| Order code no. H233-41400-234N4 | | |



¹⁾ Internal depth: inside of door to top of DIN rail, dimensions with shaft extension see page 145.

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|------------------|------------------|----|----|-----|----|----|
| 234M4 | 67 | 36 | 48 | 60 | 92 | 107 | 38 | 15 | 4.5 | 36 | 70 |
| 234N4 | 67 | 36 | 48 | 60 | 92 | 107 | 33 | 15 | 4.5 | 36 | 70 |
| 234V4 | 48 | 36 | 48 | 60 | 92 | 107 | 32 | 12 | 4.5 | 36 | 70 |
| 238M4 | 67 | 36 | 48 | 60 | 92 | 107 | 38 | 15 | 5 | 48 | 70 |
| 238N4 | 67 | 36 | 48 | 60 | 92 | 107 | 33 | 15 | 5 | 48 | 70 |
| 238V4 | 64 | 36 | 48 | 60 | 92 | 107 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|------------------|------------------|----|----|-----|----|----|
| 234M4 | 67 | 50 | 69 | 88 | 92 | 107 | 38 | 15 | 4.5 | 36 | 72 |
| 234N4 | 67 | 50 | 69 | 88 | 92 | 107 | 33 | 15 | 4.5 | 36 | 72 |
| 234V4 | 48 | 50 | 69 | 88 | 92 | 107 | 32 | 12 | 4.5 | 36 | 72 |
| 238M4 | 67 | 50 | 69 | 88 | 92 | 107 | 38 | 15 | 5 | 48 | 72 |
| 238N4 | 67 | 50 | 69 | 88 | 92 | 107 | 33 | 15 | 5 | 48 | 72 |
| 238V4 | 64 | 50 | 69 | 88 | 92 | 107 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|-----|------------------|------------------|----|----|----|----|----|
| 234M4 | 88 | 70 | 89 | 108 | 102 | 117 | 50 | 15 | 5 | 48 | 80 |
| 234N4 | 88 | 70 | 89 | 108 | 102 | 117 | 45 | 15 | 5 | 48 | 80 |
| 234V4 | 64 | 70 | 89 | 108 | 102 | 117 | 40 | 15 | 5 | 48 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|------------------|------------------|----|----|-----|----|----|
| 234M4 | 67 | 72 | 84 | 96 | 100 | 115 | 38 | 15 | 4.5 | 36 | 70 |
| 234N4 | 67 | 72 | 84 | 96 | 100 | 115 | 33 | 15 | 4.5 | 36 | 70 |
| 238M4 | 67 | 72 | 84 | 96 | 100 | 115 | 38 | 15 | 5 | 48 | 70 |
| 238N4 | 67 | 72 | 84 | 96 | 100 | 115 | 33 | 15 | 5 | 48 | 70 |
| 238V4 | 64 | 72 | 84 | 96 | 100 | 115 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|------------------|------------------|----|----|-----|----|----|
| 234M4 | 67 | 100 | 119 | 138 | 104 | 119 | 38 | 15 | 4.5 | 36 | 72 |
| 234N4 | 67 | 100 | 119 | 138 | 104 | 119 | 33 | 15 | 4.5 | 36 | 72 |
| 238M4 | 67 | 100 | 119 | 138 | 104 | 119 | 38 | 15 | 5 | 48 | 72 |
| 238N4 | 67 | 100 | 119 | 138 | 104 | 119 | 33 | 15 | 5 | 48 | 72 |
| 238V4 | 64 | 100 | 119 | 138 | 104 | 119 | 39 | 15 | 5 | 48 | 72 |

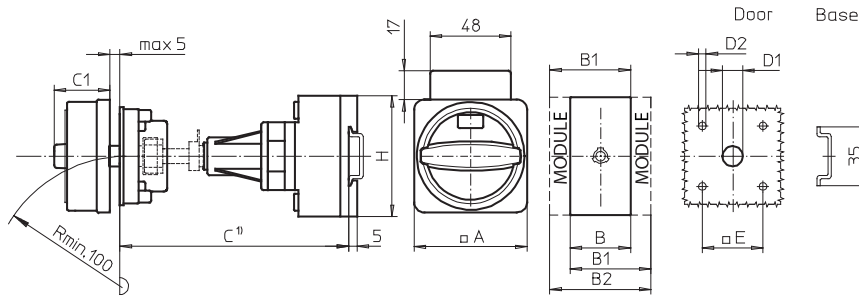
Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|------------------|------------------|----|----|----|----|----|
| 234M4 | 88 | 140 | 159 | 178 | 115 | 130 | 50 | 15 | 5 | 48 | 80 |
| 234N4 | 88 | 140 | 159 | 178 | 115 | 130 | 45 | 15 | 5 | 48 | 80 |
| 234V4 | 64 | 140 | 159 | 178 | 115 | 130 | 40 | 15 | 5 | 48 | 80 |

Dimensions in mm:

Door interlock with **metal shaft extension**: Four hole front mounting

| Setup of order code number | | |
|--|------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H406 | 41800 | 483N4 |
| Order code no. H406-41800-483N4 | | |



¹⁾ Internal depth: inside of door to top of DIN rail, dimensions see page 146.

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|-----|----|----|
| 483M4 | 67 | 36 | 48 | 60 | 38 | 15 | 4.5 | 36 | 70 |
| 483N4 | 67 | 36 | 48 | 60 | 33 | 15 | 4.5 | 36 | 70 |
| 483V4 | 48 | 36 | 48 | 60 | 32 | 15 | 4.5 | 36 | 70 |
| 484M4 | 67 | 36 | 48 | 60 | 38 | 15 | 5 | 48 | 70 |
| 484N4 | 67 | 36 | 48 | 60 | 33 | 15 | 5 | 48 | 70 |
| 484V4 | 64 | 36 | 48 | 60 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|-----|----|----|
| 483M4 | 67 | 50 | 69 | 88 | 38 | 15 | 4.5 | 36 | 72 |
| 483N4 | 67 | 50 | 69 | 88 | 33 | 15 | 4.5 | 36 | 72 |
| 483V4 | 48 | 50 | 69 | 88 | 32 | 15 | 4.5 | 36 | 72 |
| 484M4 | 67 | 50 | 69 | 88 | 38 | 15 | 5 | 48 | 72 |
| 484N4 | 67 | 50 | 69 | 88 | 33 | 15 | 5 | 48 | 72 |
| 484V4 | 64 | 50 | 69 | 88 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|-----|----|----|----|----|----|
| 483M4 | 88 | 70 | 89 | 108 | 50 | 15 | 5 | 48 | 80 |
| 483N4 | 88 | 70 | 89 | 108 | 45 | 15 | 5 | 48 | 80 |
| 483V4 | 64 | 70 | 89 | 108 | 40 | 15 | 5 | 48 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|-----|----|----|
| 483M4 | 67 | 72 | 84 | 96 | 38 | 15 | 4.5 | 36 | 70 |
| 483N4 | 67 | 72 | 84 | 96 | 33 | 15 | 4.5 | 36 | 70 |
| 484M4 | 67 | 72 | 84 | 96 | 38 | 15 | 5 | 48 | 70 |
| 484N4 | 67 | 72 | 84 | 96 | 33 | 15 | 5 | 48 | 70 |
| 484V4 | 64 | 72 | 84 | 96 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|-----|----|----|
| 483M4 | 67 | 100 | 119 | 138 | 38 | 15 | 4.5 | 36 | 72 |
| 483N4 | 67 | 100 | 119 | 138 | 33 | 15 | 4.5 | 36 | 72 |
| 484M4 | 67 | 100 | 119 | 138 | 38 | 15 | 5 | 48 | 72 |
| 484N4 | 67 | 100 | 119 | 138 | 33 | 15 | 5 | 48 | 72 |
| 484V4 | 64 | 100 | 119 | 138 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|----|----|
| 483M4 | 88 | 140 | 159 | 178 | 50 | 15 | 5 | 48 | 80 |
| 483N4 | 88 | 140 | 159 | 178 | 45 | 15 | 5 | 48 | 80 |
| 483V4 | 64 | 140 | 159 | 178 | 40 | 15 | 5 | 48 | 80 |

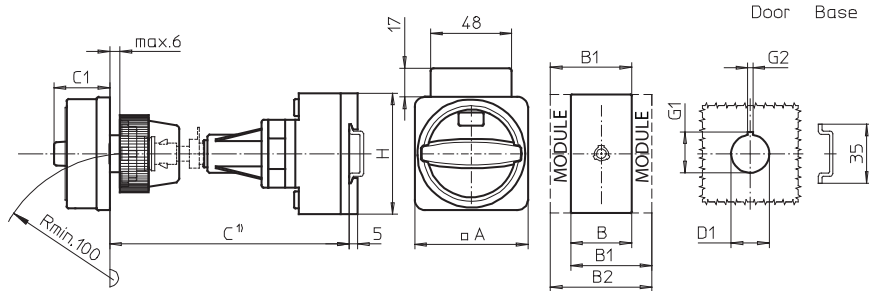
Disconnect Switches

Main/Emergency-Off Switches **Base mounting** Snap-on mounting with door interlock

Dimensions in mm:

Door interlock with **metal shaft extension**: Single hole front mounting

| Setup of order code number | | |
|----------------------------|------------------|-------------------------|
| Type | Switching progr. | Mtg. form |
| H233 | 41400 | 281N4 |
| Order code no. | | H233-41400-281N4 |



¹⁾ Internal depth: outside of door to top of DIN rail, dimensions see page 146.

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|-----|----|
| 281M4 | 67 | 36 | 48 | 60 | 38 | 22.5 | 24.2 | 3.2 | 70 |
| 281N4 | 67 | 36 | 48 | 60 | 33 | 22.5 | 24.2 | 3.2 | 70 |
| 281V4 | 48 | 36 | 48 | 60 | 32 | 22.5 | 24.2 | 3.2 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|-----|----|
| 281M4 | 67 | 50 | 69 | 88 | 38 | 22.5 | 24.2 | 3.2 | 72 |
| 281N4 | 67 | 50 | 69 | 88 | 33 | 22.5 | 24.2 | 3.2 | 72 |
| 281V4 | 48 | 50 | 69 | 88 | 32 | 22.5 | 24.2 | 3.2 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|-----|----|------|------|-----|----|
| 281M4 | 67 | 70 | 89 | 108 | 38 | 22.5 | 24.2 | 3.2 | 80 |
| 281N4 | 67 | 70 | 89 | 108 | 33 | 22.5 | 24.2 | 3.2 | 80 |
| 281V4 | 64 | 70 | 89 | 108 | 39 | 22.5 | 24.2 | 3.2 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|-----|----|
| 281M4 | 67 | 72 | 84 | 96 | 38 | 22.5 | 24.2 | 3.2 | 70 |
| 281N4 | 67 | 72 | 84 | 96 | 33 | 22.5 | 24.2 | 3.2 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|-----|-----|-----|----|------|------|-----|----|
| 281M4 | 67 | 100 | 119 | 138 | 38 | 22.5 | 24.2 | 3.2 | 72 |
| 281N4 | 67 | 100 | 119 | 138 | 33 | 22.5 | 24.2 | 3.2 | 72 |

Types H406 / H408 / H410 / H412:

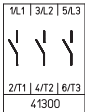
| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|-----|-----|-----|----|------|------|-----|----|
| 281M4 | 67 | 140 | 159 | 178 | 38 | 22.5 | 24.2 | 3.2 | 80 |
| 281N4 | 67 | 140 | 159 | 178 | 33 | 22.5 | 24.2 | 3.2 | 80 |
| 281V4 | 64 | 140 | 159 | 178 | 39 | 22.5 | 24.2 | 3.2 | 80 |

Main/Emergency-Off Switches

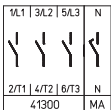
- Base mounting switches with four hole mounting
- Door interlock
- 3 up to 8 pole
- 160 A up to 315 A
- IP55



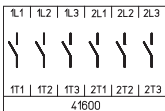
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (base/front) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlock device H-handle yellow/red |
|--|---------------------------|---------------------------------------|------|--------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| | Operat. current I_e (A) | Operational power (at 380–440 V) (kW) | | | IP55 | IP55 | IP55 |
| | AC-21A | AC-23A | AC-3 | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41300-034N4 | K616-41300-034M4 | K616-41300-034H4 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | – | – | K830-41300-034H4 |



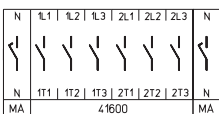
| | | | | | | | |
|--|-----|-----|----|-----------------------|-------------------------|-------------------------|-------------------------|
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41400-034N4 | K616-41400-034M4 | K616-41400-034H4 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | – | – | K830-41400-034H4 |



| | | | | | | | |
|--|-----|-----|----|-----------------------|-------------------------|-------------------------|-------------------------|
| 41600 – 6 pole – without auxiliary contacts | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41600-034N4 | K616-41600-034M4 | K616-41600-034H4 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | – | – | K830-41600-034H4 |



| | | | | | | | |
|---|-----|-----|----|-----------------------|-------------------------|-------------------------|-------------------------|
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41800-034N4 | K616-41800-034M4 | K616-41800-034H4 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | – | – | K830-41800-034H4 |

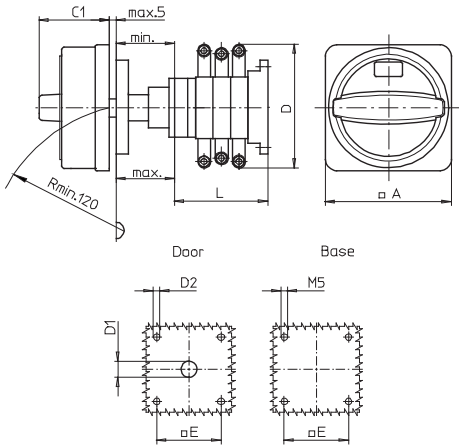


Disconnect Switches

Main/Emergency-Off Switches **Base mounting** Four hole mounting with door interlock

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| K616 | 41300 | 034N4 |
| Order code no. | K616-41300-034N4 | |



Type K616:

| Mtg. form | Switching progr. | A | C1 | D* | D1 | D2 | E | min | max | L |
|-----------|------------------|----|----|-----|----|-----|----|-----|-----|-----|
| 034M4 | 41300 | 88 | 50 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034M4 | 41400 | 88 | 50 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034M4 | 41600 | 88 | 50 | 150 | 15 | 5.5 | 68 | 48 | 60 | 136 |
| 034M4 | 41800 | 88 | 50 | 150 | 15 | 5.5 | 68 | 48 | 60 | 168 |
| 034N4 | 41300 | 88 | 45 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034N4 | 41400 | 88 | 45 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034N4 | 41600 | 88 | 45 | 150 | 15 | 5.5 | 68 | 48 | 60 | 136 |
| 034N4 | 41800 | 88 | 45 | 150 | 15 | 5.5 | 68 | 48 | 60 | 168 |

Type K616:

| Mtg. form | Switching progr. | A1 | A2 | C1 | D* | D1 | D2 | E | min | max | L |
|-----------|------------------|----|-----|----|-----|----|-----|----|-----|-----|-----|
| 034H4 | 41300 | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034H4 | 41400 | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034H4 | 41600 | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 136 |
| 034H4 | 41800 | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 168 |

Type K830:

| Mtg. form | Switching progr. | A1 | A2 | C1 | D* | D1 | D2 | E | min | max | L |
|-----------|------------------|-----|-----|----|-----|----|-----|-----|-----|-----|-----|
| 034H4 | 41300 | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 125 |
| 034H4 | 41400 | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 125 |
| 034H4 | 41600 | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 161 |
| 034H4 | 41800 | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 197 |

* terminal lugs included

Further switching programmes and corresponding dimensions for types K on request.

Main/Emergency-Off Switches

- Enclosed switches with insulated enclosure (polycarbonate)
- Cover interlock in ON position
- 3 up to 8 pole
- 20 A up to 315 A
- IP66

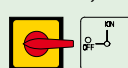


| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|------------------------|----------------------------------|-----------|--------------------------------------|--|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts   41300 | 20 | 5.5 | 3.7 | 125 × 100 × 85 | H216-41300-700N4 | H216-41300-700M4 | H216-41300-700V4 |
| | 20 | 5.5 | 3.7 | 175 × 115 × 100 | H216-41300-710N4 | H216-41300-710M4 | H216-41300-710V4 |
| | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41300-730N4 | H216-41300-730M4 | H216-41300-730V4 |
| | 25 | 7.5 | 5.5 | 125 × 100 × 85 | H220-41300-700N4 | H220-41300-700M4 | H220-41300-700V4 |
| | 25 | 7.5 | 5.5 | 175 × 115 × 100 | H220-41300-710N4 | H220-41300-710M4 | H220-41300-710V4 |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41300-730N4 | H220-41300-730M4 | H220-41300-730V4 |
| | 32 | 11 | 7.5 | 125 × 100 × 85 | H226-41300-700N4 | H226-41300-700M4 | H226-41300-700V4 |
| | 32 | 11 | 7.5 | 175 × 115 × 100 | H226-41300-710N4 | H226-41300-710M4 | H226-41300-710V4 |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41300-730N4 | H226-41300-730M4 | H226-41300-730V4 |
| | 40 | 15 | 11 | 175 × 115 × 100 | H233-41300-710N4 | H233-41300-710M4 | H233-41300-710V4 |
| | 40 | 15 | 11 | 175 × 115 × 100 | B240-41300-710N4*¹ | B240-41300-710M4*¹ | B240-41300-710V4*¹ |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41300-730N4 | H233-41300-730M4 | H233-41300-730V4 |
| | 40 | 15 | 11 | 250 × 160 × 120 | B240-41300-730N4* | B240-41300-730M4* | B240-41300-730V4* |
| | 50 | 18.5 | 15 | 175 × 115 × 100 | B250-41300-710N4¹ | B250-41300-710M4¹ | B250-41300-710V4¹ |
| | 50 | 18.5 | 15 | 250 × 160 × 120 | B250-41300-730N4 | B250-41300-730M4 | B250-41300-730V4 |
| | 63 | 22 | 18.5 | 175 × 115 × 100 | B263-41300-710N4¹ | B263-41300-710M4¹ | B263-41300-710V4¹ |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | B263-41300-730N4 | B263-41300-730M4 | B263-41300-730V4 |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | H406-41300-730N4* | H406-41300-730M4* | – |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | H406-41300-770N4 | H406-41300-770M4 | H406-41300-770V4 |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | H406-41300-471N4 | H406-41300-471M4 | – |
| | 80 | 30 | 22 | 250 × 160 × 120 | H408-41300-730N4 | H408-41300-730M4 | – |
| | 80 | 30 | 22 | 280 × 190 × 130 | H408-41300-770N4 | H408-41300-770M4 | H408-41300-770V4 |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-41300-471N4 | H408-41300-471M4 | – |
| | 100 | 37 | 30 | 250 × 160 × 120 | H410-41300-730N4 | H410-41300-730M4 | – |
| | 100 | 37 | 30 | 280 × 190 × 130 | H410-41300-770N4 | H410-41300-770M4 | H410-41300-770V4 |
| | 100 | 37 | 30 | 320 × 220 × 180 | H410-41300-471N4 | H410-41300-471M4 | – |
| | 125 | 45 | 37 | 320 × 220 × 180 | H412-41300-471N4 | H412-41300-471M4 | – |

* larger terminal capacity, see page 154


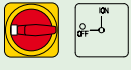
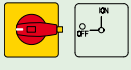
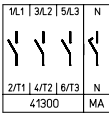
¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

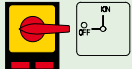
Further switching programmes as of page 132.

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle yellow/red |
|------------------------|----------------------------------|-----------|--------------------------------------|--|
| Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |
| 160 | 75 | 45 | 440 × 320 × 180 | K616-41300-077H4 |
| 160 | 75 | 45 | 440 × 320 × 255 | K616-41300-177H4 |
| 315 | 132 | 55 | 640 × 320 × 255 | K830-41300-077H4 |
| 315 | 132 | 55 | 640 × 320 × 330 | K830-41300-177H4 |

Disconnect Switches

Main/Emergency-Off Switches Enclosed Switches – Insulated Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|------------------------------------|--|-----------|--------------------------------------|---|---|---|
| | Operat. current I _e (A) | Operational power (at 380–440 V) AC-23A (kW) | AC-3 (kW) | |  |  |  |
| | | | | | IP66 | IP66 | IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41400 – 4 pole – without auxiliary contacts – neutral contact – early make/late break  | 20 | 5.5 | 3.7 | 125 × 100 × 85 | H216-41400-700N4 | H216-41400-700M4 | H216-41400-700V4 |
| | 20 | 5.5 | 3.7 | 175 × 115 × 100 | H216-41400-710N4 | H216-41400-710M4 | H216-41400-710V4 |
| | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41400-730N4 | H216-41400-730M4 | H216-41400-730V4 |
| | 25 | 7.5 | 5.5 | 125 × 100 × 85 | H220-41400-700N4 | H220-41400-700M4 | H220-41400-700V4 |
| | 25 | 7.5 | 5.5 | 175 × 115 × 100 | H220-41400-710N4 | H220-41400-710M4 | H220-41400-710V4 |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41400-730N4 | H220-41400-730M4 | H220-41400-730V4 |
| | 32 | 11 | 7.5 | 125 × 100 × 85 | H226-41400-700N4 | H226-41400-700M4 | H226-41400-700V4 |
| | 32 | 11 | 7.5 | 175 × 115 × 100 | H226-41400-710N4 | H226-41400-710M4 | H226-41400-710V4 |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41400-730N4 | H226-41400-730M4 | H226-41400-730V4 |
| | 40 | 15 | 11 | 175 × 115 × 100 | H233-41400-710N4 | H233-41400-710M4 | H233-41400-710V4 |
| | 40 | 15 | 11 | 175 × 115 × 100 | B240-41400-710N4*¹ | B240-41400-710M4*¹ | B240-41400-710V4*¹ |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41400-730N4 | H233-41400-730M4 | H233-41400-730V4 |
| | 40 | 15 | 11 | 250 × 160 × 120 | B240-41400-730N4* | B240-41400-730M4* | B240-41400-730V4* |
| | 50 | 18.5 | 15 | 175 × 115 × 100 | B250-41400-710N4¹ | B250-41400-710M4¹ | B250-41400-710V4¹ |
| | 50 | 18.5 | 15 | 250 × 160 × 120 | B250-41400-730N4 | B250-41400-730M4 | B250-41400-730V4 |
| | 63 | 22 | 18.5 | 175 × 115 × 100 | B263-41400-710N4¹ | B263-41400-710M4¹ | B263-41400-710V4¹ |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | B263-41400-730N4 | B263-41400-730M4 | B263-41400-730V4 |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | H406-41400-730N4* | H406-41400-730M4* | – |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | H406-41400-770N4 | H406-41400-770M4 | H406-41400-770V4 |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | H406-41400-471N4 | H406-41400-471M4 | – |
| | 80 | 30 | 22 | 250 × 160 × 120 | H408-41400-730N4 | H408-41400-730M4 | – |
| | 80 | 30 | 22 | 280 × 190 × 130 | H408-41400-770N4 | H408-41400-770M4 | H408-41400-770V4 |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-41400-471N4 | H408-41400-471M4 | – |
| | 100 | 37 | 30 | 250 × 160 × 120 | H410-41400-730N4 | H410-41400-730M4 | – |
| | 100 | 37 | 30 | 280 × 190 × 130 | H410-41400-770N4 | H410-41400-770M4 | H410-41400-770V4 |
| | 100 | 37 | 30 | 320 × 220 × 180 | H410-41400-471N4 | H410-41400-471M4 | – |
| | 125 | 45 | 37 | 320 × 220 × 180 | H412-41400-471N4 | H412-41400-471M4 | – |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle yellow/red | Order code number |
|------------------------------------|--|-----------|--------------------------------------|---|-------------------|
| Operat. current I _e (A) | Operational power (at 380–440 V) AC-23A (kW) | AC-3 (kW) | |  | |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | |
| 160 | 75 | 45 | 440 × 320 × 180 | K616-41400-077H4 | |
| 160 | 75 | 45 | 440 × 320 × 255 | K616-41400-177H4 | |
| 315 | 132 | 55 | 640 × 320 × 255 | K830-41400-077H4 | |
| 315 | 132 | 55 | 640 × 320 × 330 | K830-41400-177H4 | |

* larger terminal capacity, see page 154


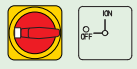
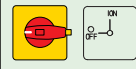
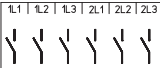
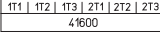
¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

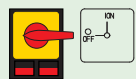
Further switching programmes from page 132.

Disconnect Switches



Main/Emergency-Off Switches Enclosed Switches – Insulated Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|---------------------------|--|-----------------|--------------------------------------|--|--|--|
| | Operat. current I_e (A) | Operational power (at 380–440 V) AC-23A (kW) | AC-3 (kW) | |  IP66 |  IP66 |  IP66 |
| | | | | | Order code number | Order code number | Order code number |
| 41600 – 6 pole – without auxiliary contacts   41600 | 20 | 5.5 | 3.7 | 175 × 115 × 100 | H216-41600-720N4 | H216-41600-720M4 | H216-41600-720V4 |
| | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41600-733N4 | H216-41600-733M4 | H216-41600-733V4 |
| | 25 | 7.5 | 5.5 | 175 × 115 × 100 | H220-41600-720N4 | H220-41600-720M4 | H220-41600-720V4 |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41600-733N4 | H220-41600-733M4 | H220-41600-733V4 |
| | 32 | 11 | 7.5 | 175 × 115 × 100 | H226-41600-720N4 | H226-41600-720M4 | H226-41600-720V4 |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41600-733N4 | H226-41600-733M4 | H226-41600-733V4 |
| | 40 | 15 | 11 | 175 × 115 × 100 | H233-41600-720N4 | H233-41600-720M4 | H233-41600-720V4 |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41600-733N4 | H233-41600-733M4 | H233-41600-733V4 |
| | 40 | 15 | 11 | 320 × 220 × 180 | B240-41600-977N4 | B240-41600-977M4 | – |
| | 50 | 18.5 | 15 | 320 × 220 × 180 | B250-41600-977N4 | B250-41600-977M4 | – |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | B263-41600-977N4 | B263-41600-977M4 | – |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-41600-577N4 | H406-41600-577M4 | – |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-41600-977N4* | H406-41600-977M4* | – |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-41600-977N4 | H408-41600-977M4 | – |
| | 80 | 30 | 22 | 440 × 320 × 180 | H408-41600-577N4 | H408-41600-577M4 | – |
| | 100 | 37 | 30 | 320 × 220 × 180 | H410-41600-977N4 | H410-41600-977M4 | – |
| | 100 | 37 | 30 | 440 × 320 × 180 | H410-41600-577N4 | H410-41600-577M4 | – |
| 125 | 45 | 37 | 320 × 220 × 180 | H412-41600-977N4 | H412-41600-977M4 | – | |
| 125 | 45 | 37 | 440 × 320 × 180 | H412-41600-577N4 | H412-41600-577M4 | – | |



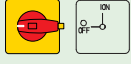
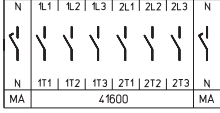
| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle yellow/red |
|---------------------------|--|-----------|--------------------------------------|--|
| Operat. current I_e (A) | Operational power (at 380–440 V) AC-23A (kW) | AC-3 (kW) | |  IP66 |
| | | | | Order code number |
| 160 | 75 | 45 | 440 × 320 × 255 | K616-41600-177H4 |
| 315 | 132 | 55 | 640 × 320 × 330 | K830-41600-177H4 |


* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

Main/Emergency-Off Switches Enclosed Switches – Insulated Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|--|--------------------------------|----------------------------------|-----------------|--------------------------------------|--|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | | AC-21A (A) | AC-23A (kW) | | AC-3 (kW) | Order code number | Order code number |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41800-733N4 | H216-41800-733M4 | H216-41800-733V4 |
| | 20 | 5.5 | 3.7 | 280 × 190 × 130 | H216-41800-770N4 | H216-41800-770M4 | H216-41800-770V4 |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41800-733N4 | H220-41800-733M4 | H220-41800-733V4 |
| | 25 | 7.5 | 5.5 | 280 × 190 × 130 | H220-41800-770N4 | H220-41800-770M4 | H220-41800-770V4 |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41800-733N4 | H226-41800-733M4 | H226-41800-733V4 |
| | 32 | 11 | 7.5 | 280 × 190 × 130 | H226-41800-770N4 | H226-41800-770M4 | H226-41800-770V4 |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41800-733N4 | H233-41800-733M4 | H233-41800-733V4 |
| | 40 | 15 | 11 | 280 × 190 × 130 | H233-41800-770N4 | H233-41800-770M4 | H233-41800-770V4 |
| | 40 | 15 | 11 | 280 × 190 × 130 | B240-41800-770N4*¹ | B240-41800-770M4*¹ | B240-41800-770V4*¹ |
| | 40 | 15 | 11 | 320 × 220 × 180 | B240-41800-977N4 | B240-41800-977M4 | – |
| | 50 | 18.5 | 15 | 280 × 190 × 130 | B250-41800-770N4¹ | B250-41800-770M4¹ | B250-41800-770V4¹ |
| | 50 | 18.5 | 15 | 320 × 220 × 180 | B250-41800-977N4 | B250-41800-977M4 | – |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | B263-41800-770N4¹ | B263-41800-770M4¹ | B263-41800-770V4¹ |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | B263-41800-977N4 | B263-41800-977M4 | – |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | H406-41800-977N4* | H406-41800-977M4* | – |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-41800-577N4 | H406-41800-577M4 | – |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-41800-977N4 | H408-41800-977M4 | – |
| | 80 | 30 | 22 | 440 × 320 × 180 | H408-41800-577N4 | H408-41800-577M4 | – |
| | 100 | 37 | 30 | 320 × 220 × 180 | H410-41800-977N4 | H410-41800-977M4 | – |
| | 100 | 37 | 30 | 440 × 320 × 180 | H410-41800-577N4 | H410-41800-577M4 | – |
| 125 | 45 | 37 | 320 × 220 × 180 | H412-41800-977N4 | H412-41800-977M4 | – | |
| 125 | 45 | 37 | 440 × 320 × 180 | H412-41800-577N4 | H412-41800-577M4 | – | |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle yellow/red |
|--------------------------------|----------------------------------|-----------|--------------------------------------|--|
| Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |
| 160 | 75 | 45 | 440 × 320 × 255 | K616-41800-177H4 |
| 315 | 132 | 55 | 640 × 320 × 330 | K830-41800-177H4 |

* larger terminal capacity, see page 154

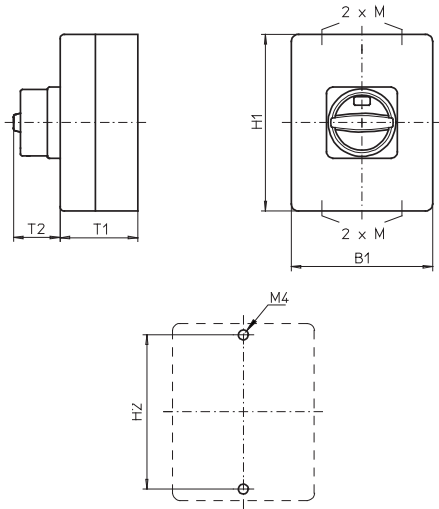
¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

Further switching programmes from page 132.

Dimensions in mm:

Setup of order code number

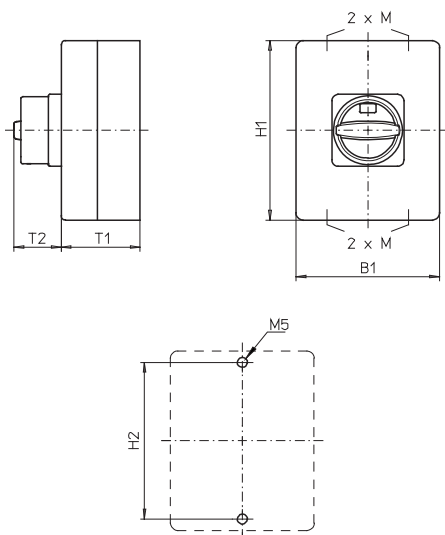
| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| H216 | 41400 | 700M4 |
| Order code no. | H216-41400-700M4 | |



Insulated enclosures **125 × 100 × 85 mm**
and **175 × 115 × 100 mm**:

Types H216 / H220 / H226 / H233 / B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 700M4 | 125 | 100 | 85 | 38 | 20/25 | 115 |
| 700N4 | 125 | 100 | 85 | 33 | 20/25 | 115 |
| 700V4 | 125 | 100 | 85 | 32 | 20/25 | 115 |
| 710M4 | 175 | 115 | 100 | 38 | 20/25 | 165 |
| 710N4 | 175 | 115 | 100 | 33 | 20/25 | 165 |
| 710V4 | 175 | 115 | 100 | 39 | 20/25 | 165 |
| 720M4 | 175 | 115 | 100 | 38 | 20/25 | 165 |
| 720N4 | 175 | 115 | 100 | 33 | 20/25 | 165 |
| 720V4 | 175 | 115 | 100 | 39 | 20/25 | 165 |



Insulated enclosure **250 × 160 × 120 mm**:

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 730M4 | 250 | 160 | 120 | 38 | 32/40 | 235 |
| 730N4 | 250 | 160 | 120 | 33 | 32/40 | 235 |
| 730V4 | 250 | 160 | 120 | 39 | 32/40 | 235 |
| 733M4 | 250 | 160 | 120 | 38 | 32/40 | 235 |
| 733N4 | 250 | 160 | 120 | 33 | 32/40 | 235 |
| 733V4 | 250 | 160 | 120 | 39 | 32/40 | 235 |

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 730M4 | 250 | 160 | 120 | 50 | 32/40 | 235 |
| 730N4 | 250 | 160 | 120 | 45 | 32/40 | 235 |
| 730V4 | 250 | 160 | 120 | 39 | 32/40 | 235 |

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 730M4 | 250 | 160 | 120 | 50 | 32/40 | 235 |
| 730N4 | 250 | 160 | 120 | 45 | 32/40 | 235 |

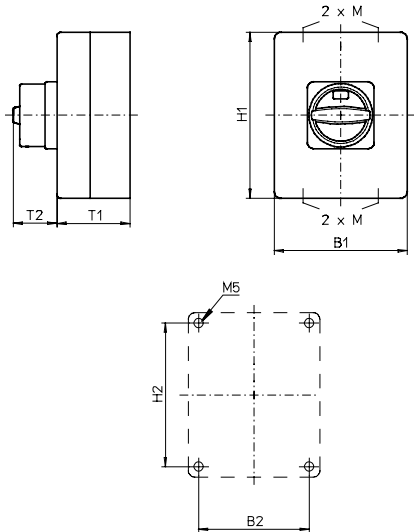
Disconnect Switches

Main/Emergency-Off Switches Enclosed Switches – Insulated Enclosure

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| H406 | 41300 | 770M4 |
| Order code no. | H406-41300-770M4 | |



Insulated enclosures **280 × 190 × 130 mm**
and **320 × 220 × 180 mm**:

Types H216 / H220 / H226 / H233 / B240 / B250 / B263 /
H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 | B2 |
|-----------|-----|-----|-----|----|----------------|-----|-----|
| 770M4 | 280 | 190 | 130 | 50 | 40×1.5 | 254 | 164 |
| 770N4 | 280 | 190 | 130 | 45 | 40×1.5 | 254 | 164 |
| 770V4 | 280 | 190 | 130 | 39 | 40×1.5 | 254 | 164 |
| 471M4 | 320 | 220 | 180 | 50 | - ¹ | 293 | 193 |
| 471N4 | 320 | 220 | 180 | 45 | - ¹ | 293 | 193 |
| 977M4 | 320 | 220 | 180 | 50 | - ¹ | 293 | 193 |
| 977N4 | 320 | 220 | 180 | 45 | - ¹ | 293 | 193 |

¹ Blank gland plates

Insulated enclosures **440 × 320 × 180 mm /**
440 × 320 × 255 mm / 640 × 320 × 255 mm /
640 × 320 × 330 mm:

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 577M4 | 440 | 320 | 180 | 50 | 480 | 293 |
| 577N4 | 440 | 320 | 180 | 45 | 480 | 293 |

Type K616:

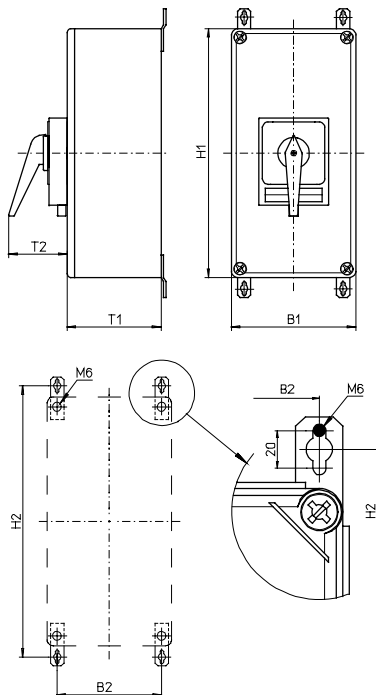
| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 077H4 | 440 | 320 | 180 | 83 | 480 | 293 |
| 177H4 | 440 | 320 | 255 | 83 | 480 | 293 |

Type K830:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 077H4 | 640 | 320 | 255 | 93 | 680 | 293 |
| 177H4 | 640 | 320 | 330 | 93 | 680 | 293 |

Further switching programmes and corresponding dimensions for types K on request.

Blank gland plates



Mounting brackets are included.

Main/Emergency-Off Switches

- Enclosed switches with insulated enclosure (polycarbonate)
- EMV/EMC application, connection system for the uninterrupted connection of shielded/screened cables consisting of shroud and 4 shroud clamps \varnothing 12–16 mm
- Cover interlock in ON position
- 3 up to 6 pole
- 20 A up to 63 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H x W x D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|--|--------------------------------|----------------------------------|-----------|--------------------------------------|------------------------------------|------------------------------------|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | | | | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 | IP66 |
| | | | | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 175 x 115 x 100 | H216-41300-715N4 | H216-41300-715M4 | H216-41300-715V4 |
| | 25 | 7.5 | 5.5 | 175 x 115 x 100 | H220-41300-715N4 | H220-41300-715M4 | H220-41300-715V4 |
| | 32 | 11 | 7.5 | 175 x 115 x 100 | H226-41300-715N4 | H226-41300-715M4 | H226-41300-715V4 |
| | 40 | 15 | 11 | 175 x 115 x 100 | H233-41300-715N4 | H233-41300-715M4 | H233-41300-715V4 |
| | 40 | 15 | 11 | 175 x 115 x 100 | B240-41300-715N4* | B240-41300-715M4* | B240-41300-715V4* |
| | 50 | 18.5 | 15 | 175 x 115 x 100 | B250-41300-715N4 | B250-41300-715M4 | B250-41300-715V4 |
| | 63 | 22 | 18.5 | 175 x 115 x 100 | B263-41300-715N4 | B263-41300-715M4 | B263-41300-715V4 |
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break | 20 | 5.5 | 3.7 | 175 x 115 x 100 | H216-41400-715N4 | H216-41400-715M4 | H216-41400-715V4 |
| | 25 | 7.5 | 5.5 | 175 x 115 x 100 | H220-41400-715N4 | H220-41400-715M4 | H220-41400-715V4 |
| | 32 | 11 | 7.5 | 175 x 115 x 100 | H226-41400-715N4 | H226-41400-715M4 | H226-41400-715V4 |
| | 40 | 15 | 11 | 175 x 115 x 100 | H233-41400-715N4 | H233-41400-715M4 | H233-41400-715V4 |
| | 40 | 15 | 11 | 175 x 115 x 100 | B240-41400-715N4* | B240-41400-715M4* | B240-41400-715V4* |
| | 50 | 18.5 | 15 | 175 x 115 x 100 | B250-41400-715N4 | B250-41400-715M4 | B250-41400-715V4 |
| | 63 | 22 | 18.5 | 175 x 115 x 100 | B263-41400-715N4 | B263-41400-715M4 | B263-41400-715V4 |
| 41600 – 6 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 175 x 115 x 100 | H216-41600-725N4 | H216-41600-725M4 | H216-41600-725V4 |
| | 25 | 7.5 | 5.5 | 175 x 115 x 100 | H220-41600-725N4 | H220-41600-725M4 | H220-41600-725V4 |
| | 32 | 11 | 7.5 | 175 x 115 x 100 | H226-41600-725N4 | H226-41600-725M4 | H226-41600-725V4 |
| | 40 | 15 | 11 | 175 x 115 x 100 | H233-41600-725N4 | H233-41600-725M4 | H233-41600-725V4 |

* larger terminal capacity, see page 154
Further switching programmes from page 132.

Dimensions in mm:

Types H216 / H220 / H226 / H233 / B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | 2xM | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 715M4 | 175 | 115 | 100 | 38 | 20/25 | 165 |
| 715N4 | 175 | 115 | 100 | 33 | 20/25 | 165 |
| 715V4 | 175 | 115 | 100 | 39 | 20/25 | 165 |
| 725M4 | 175 | 115 | 100 | 38 | 20/25 | 165 |
| 725N4 | 175 | 115 | 100 | 33 | 20/25 | 165 |
| 725V4 | 175 | 115 | 100 | 39 | 20/25 | 165 |



Disconnect Switches


Main/Emergency-Off Switches Enclosed Switches – Mild Steel Enclosure

Main/Emergency-Off Switches

- Enclosed switches with mild steel enclosure (powder coated – RAL 7035)
- Cover interlock in ON position
- 3 up to 8 pole
- 20 A up to 315 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H x W x D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|------------------------------------|---------------------------------------|-----------------|--------------------------------------|--|--|--|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 150 x 150 x 120 | H216-41300-087N4 | H216-41300-087M4 | H216-41300-087V4 |
| | 20 | 5.5 | 3.7 | 200 x 150 x 120 | H216-41300-187N4 | H216-41300-187M4 | H216-41300-187V4 |
| | 25 | 7.5 | 5.5 | 150 x 150 x 120 | H220-41300-087N4 | H220-41300-087M4 | H220-41300-087V4 |
| | 25 | 7.5 | 5.5 | 200 x 150 x 120 | H220-41300-187N4 | H220-41300-187M4 | H220-41300-187V4 |
| | 32 | 11 | 7.5 | 150 x 150 x 120 | H226-41300-087N4 | H226-41300-087M4 | H226-41300-087V4 |
| | 32 | 11 | 7.5 | 200 x 150 x 120 | H226-41300-187N4 | H226-41300-187M4 | H226-41300-187V4 |
| | 40 | 15 | 11 | 200 x 150 x 120 | H233-41300-187N4 | H233-41300-187M4 | H233-41300-187V4 |
| | 40 | 15 | 11 | 200 x 150 x 120 | B240-41300-087N4* | B240-41300-087M4* | B240-41300-087V4* |
| | 50 | 18.5 | 15 | 200 x 150 x 120 | B250-41300-087N4 | B250-41300-087M4 | B250-41300-087V4 |
| | 63 | 22 | 18.5 | 200 x 150 x 120 | B263-41300-087N4 | B263-41300-087M4 | B263-41300-087V4 |
| | 63 | 22 | 18.5 | 200 x 150 x 120 | H406-41300-987N4* | H406-41300-987M4* | – |
| | 63 | 22 | 18.5 | 300 x 250 x 150 | H406-41300-187N4 | H406-41300-187M4 | – |
| | 63 | 22 | 18.5 | 400 x 300 x 155 | H406-41300-182N4¹ | H406-41300-182M4¹ | – |
| | 80 | 30 | 22 | 200 x 150 x 120 | H408-41300-987N4 | H408-41300-987M4 | – |
| | 80 | 30 | 22 | 300 x 250 x 150 | H408-41300-187N4 | H408-41300-187M4 | – |
| | 80 | 30 | 22 | 400 x 300 x 155 | H408-41300-182N4¹ | H408-41300-182M4¹ | – |
| 100 | 37 | 30 | 300 x 250 x 150 | H410-41300-187N4 | H410-41300-187M4 | – | |
| 100 | 37 | 30 | 400 x 300 x 155 | H410-41300-182N4¹ | H410-41300-182M4¹ | – | |
| 125 | 45 | 37 | 300 x 250 x 150 | H412-41300-187N4 | H412-41300-187M4 | – | |
| 125 | 45 | 37 | 400 x 300 x 155 | H412-41300-182N4¹ | H412-41300-182M4¹ | – | |

| Rated data (IEC 60947) | | | Enclosure dimension (H x W x D) (mm) | Padlock device H-handle yellow/red | |
|------------------------------------|---------------------------------------|----|--------------------------------------|--|-------------------|
| Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | |  IP66 | Order code number |
| 160 | 75 | 45 | 500 x 400 x 300 | K616-41300-187H4¹ | |
| 315 | 132 | 55 | 600 x 400 x 300 | K830-41300-187H4¹ | |
| 315 | 132 | 55 | 800 x 400 x 300 | K830-41300-287H4¹ | |

* larger terminal capacity, see page 154




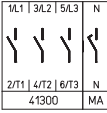
¹ hinged door


Further switching programmes from page 132.

Disconnect Switches



Main/Emergency-Off Switches Enclosed Switches – Mild Steel Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|------------------------------------|---------------------------------------|-----------------|--------------------------------------|--|--|--|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | AC-3 (kW) | |  IP66 |  IP66 |  IP66 |
| | | | | | Order code number | Order code number | Order code number |
| 41400 – 4 pole – without auxiliary contacts – neutral contact – early make/late break  | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41400-087N4 | H216-41400-087M4 | H216-41400-087V4 |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41400-187N4 | H216-41400-187M4 | H216-41400-187V4 |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41400-087N4 | H220-41400-087M4 | H220-41400-087V4 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41400-187N4 | H220-41400-187M4 | H220-41400-187V4 |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41400-087N4 | H226-41400-087M4 | H226-41400-087V4 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41400-187N4 | H226-41400-187M4 | H226-41400-187V4 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41400-187N4 | H233-41400-187M4 | H233-41400-187V4 |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41400-087N4* | B240-41400-087M4* | B240-41400-087V4* |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41400-087N4 | B250-41400-087M4 | B250-41400-087V4 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41400-087N4 | B263-41400-087M4 | B263-41400-087V4 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41400-987N4* | H406-41400-987M4* | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41400-187N4 | H406-41400-187M4 | – |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41400-182N4¹ | H406-41400-182M4¹ | – |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41400-987N4 | H408-41400-987M4 | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41400-187N4 | H408-41400-187M4 | – |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41400-182N4¹ | H408-41400-182M4¹ | – |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-41400-187N4 | H410-41400-187M4 | – | |
| 100 | 37 | 30 | 400 × 300 × 155 | H410-41400-182N4¹ | H410-41400-182M4¹ | – | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41400-187N4 | H412-41400-187M4 | – | |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-41400-182N4¹ | H412-41400-182M4¹ | – | |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle yellow/red | |
|------------------------------------|---------------------------------------|-----------|--------------------------------------|--|-------------------|
| Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | AC-3 (kW) | |  IP66 | Order code number |
| 160 | 75 | 45 | 500 × 400 × 300 | K616-41400-187H4¹ | |
| 315 | 132 | 55 | 600 × 400 × 300 | K830-41400-187H4¹ | |
| 315 | 132 | 55 | 800 × 400 × 300 | K830-41400-287H4¹ | |



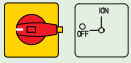
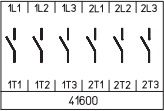
* larger terminal capacity, see page 154


¹ hinged door

Further switching programmes from page 132.

Disconnect Switches

Main/Emergency-Off Switches Enclosed Switches – Mild Steel Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|--------------------------------|----------------------------------|-----------|--------------------------------------|--|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41600-187N4 | H216-41600-187M4 | H216-41600-187V4 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41600-187N4 | H220-41600-187M4 | H220-41600-187V4 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41600-187N4 | H226-41600-187M4 | H226-41600-187V4 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41600-187N4 | H233-41600-187M4 | H233-41600-187V4 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41600-187N4 | B240-41600-187M4 | – |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41600-187N4 | B250-41600-187M4 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41600-187N4 | B263-41600-187M4 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41600-187N4* | H406-41600-187M4* | – |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41600-182N4¹ | H406-41600-182M4¹ | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41600-187N4 | H408-41600-187M4 | – |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41600-182N4¹ | H408-41600-182M4¹ | – |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41600-187N4 | H410-41600-187M4 | – |
| | 100 | 37 | 30 | 400 × 300 × 155 | H410-41600-182N4¹ | H410-41600-182M4¹ | – |
| | 125 | 45 | 37 | 300 × 250 × 150 | H412-41600-187N4 | H412-41600-187M4 | – |
| | 125 | 45 | 37 | 400 × 300 × 155 | H412-41600-182N4¹ | H412-41600-182M4¹ | – |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle yellow/red |
|--------------------------------|----------------------------------|-----------|--------------------------------------|--|
| Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |
| 160 | 75 | 45 | 500 × 400 × 300 | K616-41600-187H4¹ |
| 315 | 132 | 55 | 600 × 400 × 300 | K830-41600-187H4¹ |
| 315 | 132 | 55 | 800 × 400 × 300 | K830-41600-287H4¹ |

* larger terminal capacity, see page 154


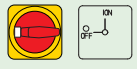
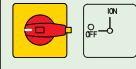
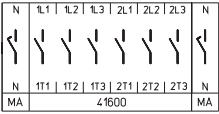
¹ hinged door

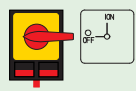
Further switching programmes from page 132.

Disconnect Switches



Main/Emergency-Off Switches Enclosed Switches – Mild Steel Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|--|--------------------------------|----------------------------------|-----------|--------------------------------------|--|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41800-187N4 | H216-41800-187M4 | H216-41800-187V4 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41800-187N4 | H220-41800-187M4 | H220-41800-187V4 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41800-187N4 | H226-41800-187M4 | H226-41800-187V4 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41800-187N4 | H233-41800-187M4 | H233-41800-187V4 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41800-187N4 | B240-41800-187M4 | – |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41800-187N4 | B250-41800-187M4 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41800-187N4 | B263-41800-187M4 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41800-187N4* | H406-41800-187M4* | – |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41800-182N4¹ | H406-41800-182M4¹ | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41800-187N4 | H408-41800-187M4 | – |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41800-182N4¹ | H408-41800-182M4¹ | – |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41800-187N4 | H410-41800-187M4 | – |
| | 100 | 37 | 30 | 400 × 300 × 155 | H410-41800-182N4¹ | H410-41800-182M4¹ | – |
| | 125 | 45 | 37 | 300 × 250 × 150 | H412-41800-187N4 | H412-41800-187M4 | – |
| | 125 | 45 | 37 | 400 × 300 × 155 | H412-41800-182N4¹ | H412-41800-182M4¹ | – |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle yellow/red |
|--------------------------------|----------------------------------|-----------|--------------------------------------|--|
| Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |
| 160 | 75 | 45 | 500 × 400 × 300 | K616-41800-187H4¹ |
| 315 | 132 | 55 | 600 × 400 × 300 | K830-41800-187H4¹ |
| 315 | 132 | 55 | 800 × 400 × 300 | K830-41800-287H4¹ |

* larger terminal capacity, see page 154

¹ hinged door

Further switching programmes from page 132.

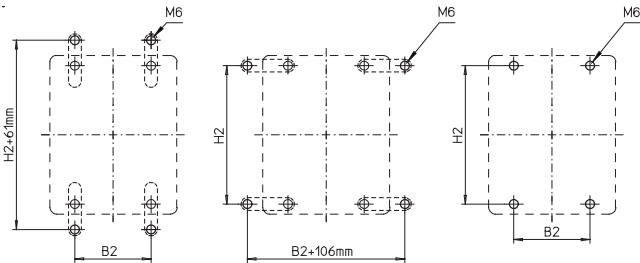
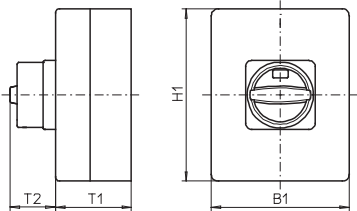
Disconnect Switches

Main/Emergency-Off Switches Enclosed Switches – Mild Steel Enclosure

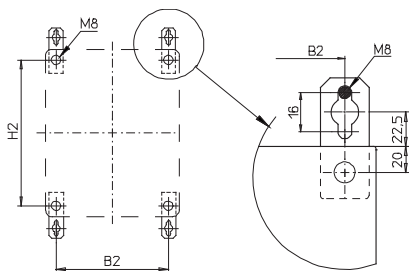
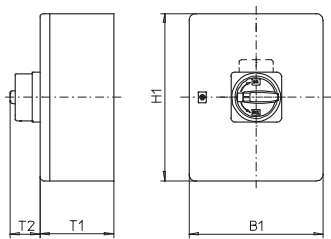
Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| H216 | 41400 | 087M4 |
| Order code no. | H216-41400-087M4 | |



Please order mounting brackets separately, see page 148.



Please order mounting brackets separately, see page 148.

Mild steel enclosures **150 × 150 × 120 mm / 200 × 150 × 120 mm / 300 × 250 × 150 mm:**

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|----|
| 087M4 | 150 | 150 | 120 | 38 | 132 | 85 |
| 087N4 | 150 | 150 | 120 | 33 | 132 | 85 |
| 087V4 | 150 | 150 | 120 | 39 | 132 | 85 |
| 187M4 | 200 | 150 | 120 | 38 | 182 | 85 |
| 187N4 | 200 | 150 | 120 | 33 | 182 | 85 |
| 187V4 | 200 | 150 | 120 | 39 | 182 | 85 |

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 087M4 | 200 | 150 | 120 | 38 | 182 | 85 |
| 087N4 | 200 | 150 | 120 | 33 | 182 | 85 |
| 087V4 | 200 | 150 | 120 | 39 | 182 | 85 |
| 187M4 | 300 | 250 | 150 | 50 | 282 | 185 |
| 187N4 | 300 | 250 | 150 | 45 | 282 | 185 |

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 187M4 | 300 | 250 | 150 | 50 | 282 | 185 |
| 187N4 | 300 | 250 | 150 | 45 | 282 | 185 |
| 987M4 | 200 | 150 | 120 | 50 | 182 | 85 |
| 987N4 | 200 | 150 | 120 | 45 | 182 | 85 |

Mild steel enclosures **400 × 300 × 155 mm:**

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 182M4 | 400 | 300 | 155 | 50 | 360 | 260 |
| 182N4 | 400 | 300 | 155 | 45 | 360 | 260 |

Gland plate at the bottom

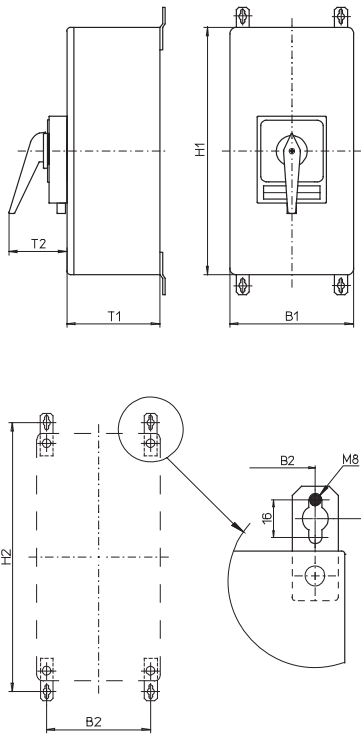
Disconnect Switches

Main/Emergency-Off Switches Enclosed Switches – Mild Steel Enclosure

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| K616 | 41300 | 187H4 |
| Order code no. | K616-41300-187H4 | |



Mounting brackets are included.

Mild steel enclosures **500 × 400 × 300 mm / 600 × 400 × 300 mm / 800 × 400 × 300 mm:**

Type K616:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 187H4 | 500 | 400 | 300 | 83 | 545 | 360 |

Type K830:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 187H4 | 600 | 400 | 300 | 93 | 645 | 360 |
| 287H4 | 800 | 400 | 300 | 93 | 845 | 360 |

Further switching programmes and corresponding dimensions for types K on request.

Gland plate at the bottom





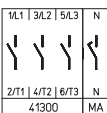
Disconnect Switches

Main/Emergency-Off Switches Enclosed Switches – Stainless Steel Enclosure

Main/Emergency-Off Switches

- Enclosed switches with stainless steel enclosure (brushed)
- Cover interlock in ON position
- 3 up to 8 pole
- 20 A up to 125 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|------------------------------------|---------------------------------------|-----------------|--------------------------------------|--|--|--|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41300-097N4 | H216-41300-097M4 | H216-41300-097V4 |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41300-197N4 | H216-41300-197M4 | H216-41300-197V4 |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41300-097N4 | H220-41300-097M4 | H220-41300-097V4 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41300-197N4 | H220-41300-197M4 | H220-41300-197V4 |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41300-097N4 | H226-41300-097M4 | H226-41300-097V4 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41300-197N4 | H226-41300-197M4 | H226-41300-197V4 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41300-197N4 | H233-41300-197M4 | H233-41300-197V4 |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41300-097N4* | B240-41300-097M4* | B240-41300-097V4* |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41300-097N4 | B250-41300-097M4 | B250-41300-097V4 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41300-097N4 | B263-41300-097M4 | B263-41300-097V4 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41300-997N4* | H406-41300-997M4* | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41300-197N4 | H406-41300-197M4 | – |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41300-997N4 | H408-41300-997M4 | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41300-197N4 | H408-41300-197M4 | – |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-41300-197N4 | H410-41300-197M4 | – | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41300-197N4 | H412-41300-197M4 | – | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break  | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41400-097N4 | H216-41400-097M4 | H216-41400-097V4 |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41400-197N4 | H216-41400-197M4 | H216-41400-197V4 |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41400-097N4 | H220-41400-097M4 | H220-41400-097V4 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41400-197N4 | H220-41400-197M4 | H220-41400-197V4 |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41400-097N4 | H226-41400-097M4 | H226-41400-097V4 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41400-197N4 | H226-41400-197M4 | H226-41400-197V4 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41400-197N4 | H233-41400-197M4 | H233-41400-197V4 |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41400-097N4* | B240-41400-097M4* | B240-41400-097V4* |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41400-097N4 | B250-41400-097M4 | B250-41400-097V4 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41400-097N4 | B263-41400-097M4 | B263-41400-097V4 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41400-997N4* | H406-41400-997M4* | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41400-197N4 | H406-41400-197M4 | – |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41400-997N4 | H408-41400-997M4 | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41400-197N4 | H408-41400-197M4 | – |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-41400-197N4 | H410-41400-197M4 | – | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41400-197N4 | H412-41400-197M4 | – | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches



Main/Emergency-Off Switches Enclosed Switches – Stainless Steel Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle yellow/red | Padlock device M-handle yellow/red | Padlockable handle V-handle yellow/red |
|---|--------------------------------|----------------------------------|-----------------|--------------------------------------|------------------------------------|------------------------------------|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | | IP66 | IP66 | IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41600 – 6 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41600-197N4 | H216-41600-197M4 | H216-41600-197V4 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41600-197N4 | H220-41600-197M4 | H220-41600-197V4 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41600-197N4 | H226-41600-197M4 | H226-41600-197V4 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41600-197N4 | H233-41600-197M4 | H233-41600-197V4 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41600-197N4 | B240-41600-197M4 | – |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41600-197N4 | B250-41600-197M4 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41600-197N4 | B263-41600-197M4 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41600-197N4* | H406-41600-197M4* | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41600-197N4 | H408-41600-197M4 | – |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41600-197N4 | H410-41600-197M4 | – |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41600-197N4 | H412-41600-197M4 | – | |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41800-197N4 | H216-41800-197M4 | H216-41800-197V4 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41800-197N4 | H220-41800-197M4 | H220-41800-197V4 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41800-197N4 | H226-41800-197M4 | H226-41800-197V4 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41800-197N4 | H233-41800-197M4 | H233-41800-197V4 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41800-197N4 | B240-41800-197M4 | – |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41800-197N4 | B250-41800-197M4 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41800-197N4 | B263-41800-197M4 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41800-197N4* | H406-41800-197M4* | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41800-197N4 | H408-41800-197M4 | – |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41800-197N4 | H410-41800-197M4 | – |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41800-197N4 | H412-41800-197M4 | – | |

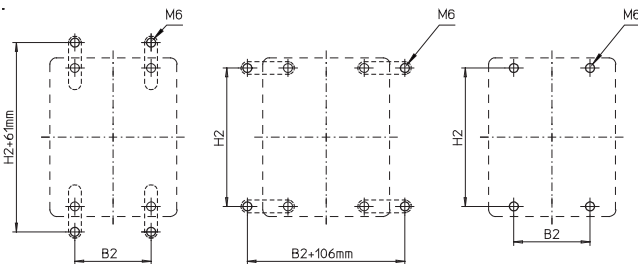
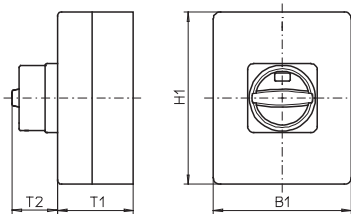
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| B263 | 41800 | 197V4 |
| Order code no. | B263-41800-197V4 | |



Please order mounting brackets separately, see page 148.

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|----|
| 097M4 | 150 | 150 | 120 | 38 | 132 | 85 |
| 097N4 | 150 | 150 | 120 | 33 | 132 | 85 |
| 097V4 | 150 | 150 | 120 | 39 | 132 | 85 |
| 197M4 | 200 | 150 | 120 | 38 | 182 | 85 |
| 197N4 | 200 | 150 | 120 | 33 | 182 | 85 |
| 197V4 | 200 | 150 | 120 | 39 | 182 | 85 |

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 097M4 | 200 | 150 | 120 | 38 | 182 | 85 |
| 097N4 | 200 | 150 | 120 | 33 | 182 | 85 |
| 097V4 | 200 | 150 | 120 | 39 | 182 | 85 |
| 197M4 | 300 | 250 | 150 | 50 | 282 | 185 |
| 197N4 | 300 | 250 | 150 | 45 | 282 | 185 |

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 197M4 | 300 | 250 | 150 | 50 | 282 | 185 |
| 197N4 | 300 | 250 | 150 | 45 | 282 | 185 |
| 997M4 | 200 | 150 | 120 | 50 | 182 | 85 |
| 997N4 | 200 | 150 | 120 | 45 | 182 | 85 |




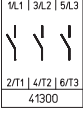
Disconnect Switches


Main Switches Front mounting Four hole mounting

Main Switches

- Front mounting switches with four hole mounting
- 3 up to 8 pole
- 20 A up to 315 A
- IP66 / IP55



| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|------------------------|----------------------------------|-----------|----------------------------|--|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  OFF-ON |  ON |  ON |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 | IP66 |
| | | | | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 36 × 36 | H216-41300-033N1 | H216-41300-033M1 | H216-41300-033V1 |
| | 20 | 5.5 | 3.7 | 48 × 48 | H216-41300-036N1 | H216-41300-036M1 | H216-41300-036V1 |
| | 25 | 7.5 | 5.5 | 36 × 36 | H220-41300-033N1 | H220-41300-033M1 | H220-41300-033V1 |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41300-036N1 | H220-41300-036M1 | H220-41300-036V1 |
| | 32 | 11 | 7.5 | 36 × 36 | H226-41300-033N1 | H226-41300-033M1 | H226-41300-033V1 |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41300-036N1 | H226-41300-036M1 | H226-41300-036V1 |
| | 40 | 15 | 11 | 36 × 36 | H233-41300-033N1 | H233-41300-033M1 | H233-41300-033V1 |
| | 40 | 15 | 11 | 36 × 36 | B240-41300-033N1* | B240-41300-033M1* | B240-41300-033V1* |
| | 40 | 15 | 11 | 48 × 48 | H233-41300-036N1 | H233-41300-036M1 | H233-41300-036V1 |
| | 40 | 15 | 11 | 48 × 48 | B240-41300-036N1* | B240-41300-036M1* | B240-41300-036V1* |
| | 40 | 15 | 11 | 68 × 68 | B240-41300-136N1 | B240-41300-136M1 | – |
| | 50 | 18.5 | 15 | 36 × 36 | B250-41300-033N1 | B250-41300-033M1 | B250-41300-033V1 |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41300-036N1 | B250-41300-036M1 | B250-41300-036V1 |
| | 50 | 18.5 | 15 | 68 × 68 | B250-41300-136N1 | B250-41300-136M1 | – |
| | 63 | 22 | 18.5 | 36 × 36 | B263-41300-033N1 | B263-41300-033M1 | B263-41300-033V1 |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41300-036N1 | B263-41300-036M1 | B263-41300-036V1 |
| | 63 | 22 | 18.5 | 48 × 48 | H406-41300-033N1* | H406-41300-033M1* | H406-41300-033V1* |
| | 63 | 22 | 18.5 | 68 × 68 | B263-41300-136N1 | B263-41300-136M1 | – |
| | 63 | 22 | 18.5 | 68 × 68 | H406-41300-036N1* | H406-41300-036M1* | – |
| | 80 | 30 | 22 | 48 × 48 | H408-41300-033N1 | H408-41300-033M1 | H408-41300-033V1 |
| 80 | 30 | 22 | 68 × 68 | H408-41300-036N1 | H408-41300-036M1 | – | |
| 100 | 37 | 30 | 48 × 48 | H410-41300-033N1 | H410-41300-033M1 | H410-41300-033V1 | |
| 100 | 37 | 30 | 68 × 68 | H410-41300-036N1 | H410-41300-036M1 | – | |
| 125 | 45 | 37 | 48 × 48 | H412-41300-033N1 | H412-41300-033M1 | H412-41300-033V1 | |
| 125 | 45 | 37 | 68 × 68 | H412-41300-036N1 | H412-41300-036M1 | – | |

| Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device H-handle silver/black |
|------------------------|----------------------------------|-----------|----------------------------|--|
| Operat. current I_e | Operational power (at 380–440 V) | | |  ON |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP55 |
| | | | | Order code number |
| 160 | 75 | 45 | 68 × 68 | K616-41300-033H1 |
| 315 | 132 | 55 | 104 × 104 | K830-41300-033H1 |







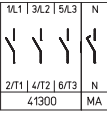
* larger terminal capacity, see page 154



Further switching programmes from page 132.

Disconnect Switches



Main Switches Front mounting Four hole mounting

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|--|---|--------------|--------------------------------|---|---|---|
| | Operat. current I_e AC-21A (A) | Operational power (at 380–440 V) AC-23A (kW) | AC-3 (kW) | |   |   |   |
| | | | | | IP66 | IP66 | IP66 |
| | | | | Order code number | Order code number | Order code number | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact – early make/late break  | 20 | 5.5 | 3.7 | 36 × 36 | H216-41400-033N1 | H216-41400-033M1 | H216-41400-033V1 |
| | 20 | 5.5 | 3.7 | 48 × 48 | H216-41400-036N1 | H216-41400-036M1 | H216-41400-036V1 |
| | 25 | 7.5 | 5.5 | 36 × 36 | H220-41400-033N1 | H220-41400-033M1 | H220-41400-033V1 |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41400-036N1 | H220-41400-036M1 | H220-41400-036V1 |
| | 32 | 11 | 7.5 | 36 × 36 | H226-41400-033N1 | H226-41400-033M1 | H226-41400-033V1 |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41400-036N1 | H226-41400-036M1 | H226-41400-036V1 |
| | 40 | 15 | 11 | 36 × 36 | H233-41400-033N1 | H233-41400-033M1 | H233-41400-033V1 |
| | 40 | 15 | 11 | 36 × 36 | B240-41400-033N1* | B240-41400-033M1* | B240-41400-033V1* |
| | 40 | 15 | 11 | 48 × 48 | H233-41400-036N1 | H233-41400-036M1 | H233-41400-036V1 |
| | 40 | 15 | 11 | 48 × 48 | B240-41400-036N1* | B240-41400-036M1* | B240-41400-036V1* |
| | 40 | 15 | 11 | 68 × 68 | B240-41400-136N1 | B240-41400-136M1 | – |
| | 50 | 18.5 | 15 | 36 × 36 | B250-41400-033N1 | B250-41400-033M1 | B250-41400-033V1 |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41400-036N1 | B250-41400-036M1 | B250-41400-036V1 |
| | 50 | 18.5 | 15 | 68 × 68 | B250-41400-136N1 | B250-41400-136M1 | – |
| | 63 | 22 | 18.5 | 36 × 36 | B263-41400-033N1 | B263-41400-033M1 | B263-41400-033V1 |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41400-036N1 | B263-41400-036M1 | B263-41400-036V1 |
| | 63 | 22 | 18.5 | 48 × 48 | H406-41400-033N1* | H406-41400-033M1* | H406-41400-033V1* |
| | 63 | 22 | 18.5 | 68 × 68 | B263-41400-136N1 | B263-41400-136M1 | – |
| | 63 | 22 | 18.5 | 68 × 68 | H406-41400-036N1* | H406-41400-036M1* | – |
| | 80 | 30 | 22 | 48 × 48 | H408-41400-033N1 | H408-41400-033M1 | H408-41400-033V1 |
| 80 | 30 | 22 | 68 × 68 | H408-41400-036N1 | H408-41400-036M1 | – | |
| 100 | 37 | 30 | 48 × 48 | H410-41400-033N1 | H410-41400-033M1 | H410-41400-033V1 | |
| 100 | 37 | 30 | 68 × 68 | H410-41400-036N1 | H410-41400-036M1 | – | |
| 125 | 45 | 37 | 48 × 48 | H412-41400-033N1 | H412-41400-033M1 | H412-41400-033V1 | |
| 125 | 45 | 37 | 68 × 68 | H412-41400-036N1 | H412-41400-036M1 | – | |




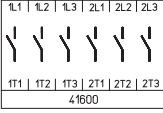
| Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device H-handle silver/black |
|--|---|--------------|--------------------------------|---|
| Operat. current I_e AC-21A (A) | Operational power (at 380–440 V) AC-23A (kW) | AC-3 (kW) | |   |
| | | | IP55 | |
| | | | Order code number | |
| 160 | 75 | 45 | 68 × 68 | K616-41400-033H1 |
| 315 | 132 | 55 | 104 × 104 | K830-41400-033H1 |


* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

Main Switches Front mounting Four hole mounting

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|------------------------|----------------------------------|-------------|--------------------------------|---|---|---|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  |  |  |
| | | AC-21A (A) | AC-23A (kW) | | AC-3 (kW) | IP66 | IP66 |
| | | | | Order code number | Order code number | Order code number | |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 36 × 36 | H216-41600-033N1 | H216-41600-033M1 | – |
| | 20 | 5.5 | 3.7 | 48 × 48 | H216-41600-036N1 | H216-41600-036M1 | H216-41600-036V1 |
| | 20 | 5.5 | 3.7 | 68 × 68 | H216-41600-136N1 | H216-41600-136M1 | – |
| | 25 | 7.5 | 5.5 | 36 × 36 | H220-41600-033N1 | H220-41600-033M1 | – |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41600-036N1 | H220-41600-036M1 | H220-41600-036V1 |
| | 25 | 7.5 | 7.5 | 68 × 68 | H220-41600-136N1 | H220-41600-136M1 | – |
| | 32 | 11 | 7.5 | 36 × 36 | H226-41600-033N1 | H226-41600-033M1 | – |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41600-036N1 | H226-41600-036M1 | H226-41600-036V1 |
| | 32 | 11 | 7.5 | 68 × 68 | H226-41600-136N1 | H226-41600-136M1 | – |
| | 40 | 15 | 11 | 36 × 36 | H233-41600-033N1 | H233-41600-033M1 | – |
| | 40 | 15 | 11 | 36 × 36 | B240-41600-033N1* | B240-41600-033M1* | – |
| | 40 | 15 | 11 | 48 × 48 | H233-41600-036N1 | H233-41600-036M1 | H233-41600-036V1 |
| | 40 | 15 | 11 | 48 × 48 | B240-41600-036N1* | B240-41600-036M1* | B240-41600-036V1 |
| | 40 | 15 | 11 | 68 × 68 | H233-41600-136N1 | H233-41600-136M1 | – |
| | 40 | 15 | 11 | 68 × 68 | B240-41600-136N1* | B240-41600-136M1* | – |
| | 50 | 18.5 | 15 | 36 × 36 | B250-41600-033N1 | B250-41600-033M1 | – |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41600-036N1 | B250-41600-036M1 | B250-41600-036V1 |
| | 50 | 18.5 | 15 | 68 × 68 | B250-41600-136N1 | B250-41600-136M1 | – |
| | 63 | 22 | 18.5 | 36 × 36 | B263-41600-033N1 | B263-41600-033M1 | – |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41600-036N1 | B263-41600-036M1 | B263-41600-036V1 |
| 63 | 22 | 18.5 | 48 × 48 | H406-41600-033N1* | H406-41600-033M1* | H406-41600-033V1* | |
| 63 | 22 | 18.5 | 68 × 68 | B263-41600-136N1 | B263-41600-136M1 | – | |
| 63 | 22 | 18.5 | 68 × 68 | H406-41600-036N1* | H406-41600-036M1* | – | |
| 80 | 30 | 22 | 48 × 48 | H408-41600-033N1 | H408-41600-033M1 | H408-41600-033V1 | |
| 80 | 30 | 22 | 68 × 68 | H408-41600-036N1 | H408-41600-036M1 | – | |
| 100 | 37 | 30 | 48 × 48 | H410-41600-033N1 | H410-41600-033M1 | H410-41600-033V1 | |
| 100 | 37 | 30 | 68 × 68 | H410-41600-036N1 | H410-41600-036M1 | – | |
| 125 | 45 | 37 | 48 × 48 | H412-41600-033N1 | H412-41600-033M1 | H412-41600-033V1 | |
| 125 | 45 | 37 | 68 × 68 | H412-41600-036N1 | H412-41600-036M1 | – | |

| Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device H-handle silver/black |
|------------------------|----------------------------------|-----------|--------------------------------|---|
| Operat. current I_e | Operational power (at 380–440 V) | | |  |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP55 |
| | | | Order code number | |
| 160 | 75 | 45 | 68 × 68 | K616-41600-033H1 |
| 315 | 132 | 55 | 104 × 104 | K830-41600-033H1 |




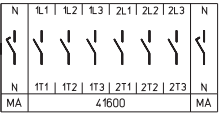
* larger terminal capacity, see page 154

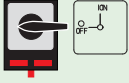
Further switching programmes from page 132.

Disconnect Switches



Main Switches Front mounting Four hole mounting

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle black  IP66 | | Padlock device M-handle black  IP66 | | Padlockable handle V-handle silver/black  IP66 | |
|--|------------------------|----------------------------------|-----------|--------------------------------|---|--------------------------|---|---|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | | Order code number | | Order code number | | Order code number | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | | | | | |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | 36 × 36 | H216-41800-033N1 | H216-41800-033M1 | – | | – | |
| | 20 | 5.5 | 3.7 | 48 × 48 | H216-41800-036N1 | H216-41800-036M1 | H216-41800-036V1 | | – | |
| | 20 | 5.5 | 3.7 | 68 × 68 | H216-41800-136N1 | H216-41800-136M1 | – | | – | |
| | 25 | 7.5 | 5.5 | 36 × 36 | H220-41800-033N1 | H220-41800-033M1 | – | | – | |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41800-036N1 | H220-41800-036M1 | H220-41800-036V1 | | – | |
| | 25 | 7.5 | 5.5 | 68 × 68 | H220-41800-136N1 | H220-41800-136M1 | – | | – | |
| | 32 | 11 | 7.5 | 36 × 36 | H226-41800-033N1 | H226-41800-033M1 | – | | – | |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41800-036N1 | H226-41800-036M1 | H226-41800-036V1 | | – | |
| | 32 | 11 | 7.5 | 68 × 68 | H226-41800-136N1 | H226-41800-136M1 | – | | – | |
| | 40 | 15 | 11 | 36 × 36 | H233-41800-033N1 | H233-41800-033M1 | – | | – | |
| | 40 | 15 | 11 | 36 × 36 | B240-41800-033N1* | B240-41800-033M1* | – | | – | |
| | 40 | 15 | 11 | 48 × 48 | H233-41800-036N1 | H233-41800-036M1 | H233-41800-036V1 | | – | |
| | 40 | 15 | 11 | 48 × 48 | B240-41800-036N1* | B240-41800-036M1* | B240-41800-036V1* | | – | |
| | 40 | 15 | 11 | 68 × 68 | H233-41800-136N1 | H233-41800-136M1 | – | | – | |
| | 40 | 15 | 11 | 68 × 68 | B240-41800-136N1* | B240-41800-136M1* | – | | – | |
| | 50 | 18.5 | 15 | 36 × 36 | B250-41800-033N1 | B250-41800-033M1 | – | | – | |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41800-036N1 | B250-41800-036M1 | B250-41800-036V1 | | – | |
| | 50 | 18.5 | 15 | 68 × 68 | B250-41800-136N1 | B250-41800-136M1 | – | | – | |
| | 63 | 22 | 18.5 | 36 × 36 | B263-41800-033N1 | B263-41800-033M1 | – | | – | |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41800-036N1 | B263-41800-036M1 | B263-41800-036V1 | | – | |
| 63 | 22 | 18.5 | 48 × 48 | H406-41800-033N1* | H406-41800-033M1* | H406-41800-033V1* | | – | | |
| 63 | 22 | 18.5 | 68 × 68 | B263-41800-136N1 | B263-41800-136M1 | – | | – | | |
| 63 | 22 | 18.5 | 68 × 68 | H406-41800-036N1* | H406-41800-036M1* | – | | – | | |
| 80 | 30 | 22 | 48 × 48 | H408-41800-033N1 | H408-41800-033M1 | H408-41800-033V1 | | – | | |
| 80 | 30 | 22 | 68 × 68 | H408-41800-036N1 | H408-41800-036M1 | – | | – | | |
| 100 | 37 | 30 | 48 × 48 | H410-41800-033N1 | H410-41800-033M1 | H410-41800-033V1 | | – | | |
| 100 | 37 | 30 | 68 × 68 | H410-41800-036N1 | H410-41800-036M1 | – | | – | | |
| 125 | 45 | 37 | 48 × 48 | H412-41800-033N1 | H412-41800-033M1 | H412-41800-033V1 | | – | | |
| 125 | 45 | 37 | 68 × 68 | H412-41800-036N1 | H412-41800-036M1 | – | | – | | |

| Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device H-handle silver/black  IP55 | |
|------------------------|----------------------------------|-----------|--------------------------------|--|--|
| Operat. current I_e | Operational power (at 380–440 V) | | | Order code number | |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | |
| 160 | 75 | 45 | 68 × 68 | K616-41800-033H1 | |
| 315 | 132 | 55 | 104 × 104 | K830-41800-033H1 | |

* larger terminal capacity, see page 154

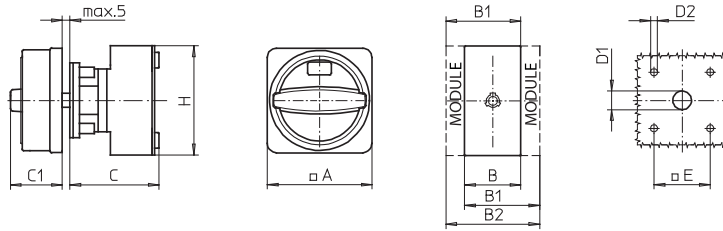
Further switching programmes from page 132.

Disconnect Switches

Main Switches Front mounting Four hole mounting

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H216 | 41800 | 036N1 |
| Order code no. | H216-41800-036N1 | |



Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|-----|----|----|
| 033M1 | 67 | 36 | 48 | 60 | 58 | 38 | 15 | 4.5 | 36 | 70 |
| 033N1 | 67 | 36 | 48 | 60 | 58 | 33 | 15 | 4.5 | 36 | 70 |
| 033V1 | 48 | 36 | 48 | 60 | 58 | 32 | 12 | 4.5 | 36 | 70 |
| 036M1 | 67 | 36 | 48 | 60 | 58 | 38 | 15 | 5 | 48 | 70 |
| 036N1 | 67 | 36 | 48 | 60 | 58 | 33 | 15 | 5 | 48 | 70 |
| 036V1 | 64 | 36 | 48 | 60 | 58 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|-----|----|----|
| 033M1 | 67 | 50 | 69 | 88 | 58 | 38 | 15 | 4.5 | 36 | 72 |
| 033N1 | 67 | 50 | 69 | 88 | 58 | 33 | 15 | 4.5 | 36 | 72 |
| 033V1 | 48 | 50 | 69 | 88 | 58 | 32 | 12 | 4.5 | 36 | 72 |
| 036M1 | 67 | 50 | 69 | 88 | 58 | 38 | 15 | 5 | 48 | 72 |
| 036N1 | 67 | 50 | 69 | 88 | 58 | 33 | 15 | 5 | 48 | 72 |
| 036V1 | 64 | 50 | 69 | 88 | 58 | 39 | 15 | 5 | 48 | 72 |
| 136M1 | 88 | 50 | 69 | 88 | 58 | 50 | 15 | 5.5 | 68 | 72 |
| 136N1 | 88 | 50 | 69 | 88 | 58 | 45 | 15 | 5.5 | 68 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|-----|----|----|----|-----|----|----|
| 033M1 | 88 | 70 | 89 | 108 | 73 | 50 | 15 | 5 | 48 | 80 |
| 033N1 | 88 | 70 | 89 | 108 | 73 | 45 | 15 | 5 | 48 | 80 |
| 033V1 | 64 | 70 | 89 | 108 | 73 | 39 | 15 | 5 | 48 | 80 |
| 036M1 | 88 | 70 | 89 | 108 | 73 | 50 | 15 | 5.5 | 68 | 80 |
| 036N1 | 88 | 70 | 89 | 108 | 73 | 45 | 15 | 5.5 | 68 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

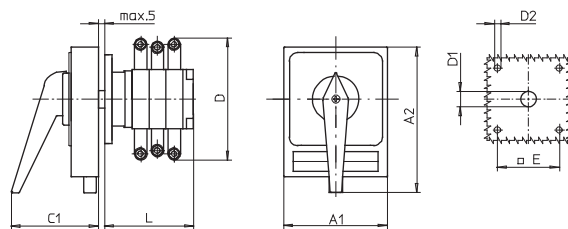
| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|-----|----|----|
| 033M1 | 67 | 72 | 84 | 96 | 66 | 38 | 15 | 4.5 | 36 | 70 |
| 033N1 | 67 | 72 | 84 | 96 | 66 | 33 | 15 | 4.5 | 36 | 70 |
| 036M1 | 67 | 72 | 84 | 96 | 66 | 38 | 15 | 5 | 48 | 70 |
| 036N1 | 67 | 72 | 84 | 96 | 66 | 33 | 15 | 5 | 48 | 70 |
| 036V1 | 64 | 72 | 84 | 96 | 66 | 39 | 15 | 5 | 48 | 70 |
| 136M1 | 88 | 72 | 84 | 96 | 66 | 38 | 15 | 5.5 | 68 | 70 |
| 136N1 | 88 | 72 | 84 | 96 | 66 | 33 | 15 | 5.5 | 68 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|-----|----|----|
| 033M1 | 67 | 100 | 119 | 138 | 70 | 38 | 15 | 4.5 | 36 | 72 |
| 033N1 | 67 | 100 | 119 | 138 | 70 | 33 | 15 | 4.5 | 36 | 72 |
| 036M1 | 67 | 100 | 119 | 138 | 70 | 38 | 15 | 5 | 48 | 72 |
| 036N1 | 67 | 100 | 119 | 138 | 70 | 33 | 15 | 5 | 48 | 72 |
| 036V1 | 64 | 100 | 119 | 138 | 70 | 39 | 15 | 5 | 48 | 72 |
| 136M1 | 88 | 100 | 119 | 138 | 70 | 50 | 15 | 5.5 | 68 | 72 |
| 136N1 | 88 | 100 | 119 | 138 | 70 | 45 | 15 | 5.5 | 68 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|-----|----|----|
| 033M1 | 88 | 140 | 159 | 178 | 86 | 50 | 15 | 5 | 48 | 80 |
| 033N1 | 88 | 140 | 159 | 178 | 86 | 45 | 15 | 5 | 48 | 80 |
| 033V1 | 64 | 140 | 159 | 178 | 86 | 39 | 15 | 5 | 48 | 80 |
| 036M1 | 88 | 140 | 159 | 178 | 86 | 50 | 15 | 5.5 | 68 | 80 |
| 036N1 | 88 | 140 | 159 | 178 | 86 | 45 | 15 | 5.5 | 68 | 80 |



Types K616 / K830:

| Type | Mtg. form | Switching progr. | A1 | A2 | C1 | D* | D1 | D2 | E | L |
|------|-----------|------------------|-----|-----|----|-----|----|-----|-----|-----|
| K616 | 033H1 | 41300 | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 104 |
| K616 | 033H1 | 41400 | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 104 |
| K830 | 033H1 | 41300 | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 125 |
| K830 | 033H1 | 41400 | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 125 |

Types K616 / K830:

| Type | Mtg. form | Switching progr. | A1 | A2 | C1 | D* | D1 | D2 | E | L |
|------|-----------|------------------|-----|-----|----|-----|----|-----|-----|-----|
| K616 | 033H1 | 41600 | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 136 |
| K616 | 033H1 | 41800 | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 168 |
| K830 | 033H1 | 41600 | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 161 |
| K830 | 033H1 | 41800 | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 197 |




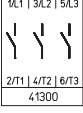
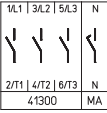
Further switching programmes and corresponding dimensions for types K on request.

* terminal lugs included

Main Switches

- Front mounting switches with single hole mounting
- 3 up to 8 pole
- 20 A up to 63 A
- IP66






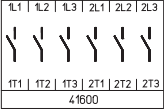
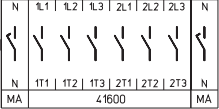
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|------------------------|----------------------------------|-----------|----------------------------|--|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  OFF ON |  OFF ON |  OFF ON |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 | IP66 |
| | | | | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41300-206N1 | H216-41300-206M1 | H216-41300-206V1 |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-41300-216N1 | H216-41300-216M1 | H216-41300-216V1 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41300-206N1 | H220-41300-206M1 | H220-41300-206V1 |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-41300-216N1 | H220-41300-216M1 | H220-41300-216V1 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-41300-206N1 | H226-41300-206M1 | H226-41300-206V1 |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-41300-216N1 | H226-41300-216M1 | H226-41300-216V1 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-41300-206N1 | H233-41300-206M1 | H233-41300-206V1 |
| | 40 | 15 | 11 | ∅ 22.5 | B240-41300-206N1* | B240-41300-206M1* | B240-41300-206V1* |
| | 40 | 15 | 11 | ∅ 30.5 | H233-41300-216N1 | H233-41300-216M1 | H233-41300-216V1 |
| | 40 | 15 | 11 | ∅ 30.5 | B240-41300-216N1* | B240-41300-216M1* | B240-41300-216V1* |
| | 50 | 18.5 | 15 | ∅ 22.5 | B250-41300-206N1 | B250-41300-206M1 | B250-41300-206V1 |
| | 50 | 18.5 | 15 | ∅ 30.5 | B250-41300-216N1 | B250-41300-216M1 | B250-41300-216V1 |
| | 63 | 22 | 18.5 | ∅ 22.5 | B263-41300-206N1 | B263-41300-206M1 | B263-41300-206V1 |
| | 63 | 22 | 18.5 | ∅ 30.5 | B263-41300-216N1 | B263-41300-216M1 | B263-41300-216V1 |
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break  | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41400-206N1 | H216-41400-206M1 | H216-41400-206V1 |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-41400-216N1 | H216-41400-216M1 | H216-41400-216V1 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41400-206N1 | H220-41400-206M1 | H220-41400-206V1 |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-41400-216N1 | H220-41400-216M1 | H220-41400-216V1 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-41400-206N1 | H226-41400-206M1 | H226-41400-206V1 |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-41400-216N1 | H226-41400-216M1 | H226-41400-216V1 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-41400-206N1 | H233-41400-206M1 | H233-41400-206V1 |
| | 40 | 15 | 11 | ∅ 22.5 | B240-41400-206N1* | B240-41400-206M1* | B240-41400-206V1* |
| | 40 | 15 | 11 | ∅ 30.5 | H233-41400-216N1 | H233-41400-216M1 | H233-41400-216V1 |
| | 40 | 15 | 11 | ∅ 30.5 | B240-41400-216N1* | B240-41400-216M1* | B240-41400-216V1* |
| | 50 | 18.5 | 15 | ∅ 22.5 | B250-41400-206N1 | B250-41400-206M1 | B250-41400-206V1 |
| | 50 | 18.5 | 15 | ∅ 30.5 | B250-41400-216N1 | B250-41400-216M1 | B250-41400-216V1 |
| | 63 | 22 | 18.5 | ∅ 22.5 | B263-41400-206N1 | B263-41400-206M1 | B263-41400-206V1 |
| | 63 | 22 | 18.5 | ∅ 30.5 | B263-41400-216N1 | B263-41400-216M1 | B263-41400-216V1 |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

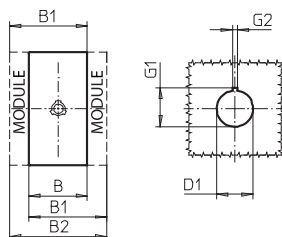
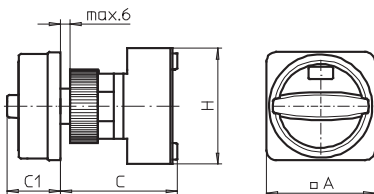
Main Switches Front mounting Single hole mounting

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|--|------------------------|----------------------------------|-----------|--------------------------------|--|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  OFF-ON IP66 |  OFF-ON IP66 |  OFF-ON IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41600-206N1 | H216-41600-206M1 | – |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-41600-216N1 | H216-41600-216M1 | H216-41600-216V1 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41600-206N1 | H220-41600-206M1 | – |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-41600-216N1 | H220-41600-216M1 | H220-41600-216V1 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-41600-206N1 | H226-41600-206M1 | – |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-41600-216N1 | H226-41600-216M1 | H226-41600-216V1 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-41600-206N1 | H233-41600-206M1 | – |
| | 40 | 15 | 11 | ∅ 30.5 | H233-41600-216N1 | H233-41600-216M1 | H233-41600-216V1 |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41800-206N1 | H216-41800-206M1 | – |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-41800-216N1 | H216-41800-216M1 | H216-41800-216V1 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41800-206N1 | H220-41800-206M1 | – |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-41800-216N1 | H220-41800-216M1 | H220-41800-216V1 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-41800-206N1 | H226-41800-206M1 | – |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-41800-216N1 | H226-41800-216M1 | H226-41800-216V1 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-41800-206N1 | H233-41800-206M1 | – |
| | 40 | 15 | 11 | ∅ 30.5 | H233-41800-216N1 | H233-41800-216M1 | H233-41800-216V1 |

Further switching programmes from page 132.

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H226 | 41300 | 206N1 |
| Order code no. | H226-41300-206N1 | |



Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|----|------|------|-----|----|
| 206M1 | 67 | 36 | 48 | 60 | 75 | 38 | 22.5 | 24.2 | 3.2 | 70 |
| 206N1 | 67 | 36 | 48 | 60 | 75 | 33 | 22.5 | 24.2 | 3.2 | 70 |
| 206V1 | 48 | 36 | 48 | 60 | 75 | 32 | 22.5 | 24.2 | 3.2 | 70 |
| 216M1 | 67 | 36 | 48 | 60 | 75 | 38 | 30.5 | 33 | 4.8 | 70 |
| 216N1 | 67 | 36 | 48 | 60 | 75 | 33 | 30.5 | 33 | 4.8 | 70 |
| 216V1 | 64 | 36 | 48 | 60 | 75 | 39 | 30.5 | 33 | 4.8 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|----|------|------|-----|----|
| 206M1 | 67 | 50 | 69 | 88 | 75 | 38 | 22.5 | 24.2 | 3.2 | 72 |
| 206N1 | 67 | 50 | 69 | 88 | 75 | 33 | 22.5 | 24.2 | 3.2 | 72 |
| 206V1 | 48 | 50 | 69 | 88 | 75 | 32 | 22.5 | 24.2 | 3.2 | 72 |
| 216M1 | 67 | 50 | 69 | 88 | 75 | 38 | 30.5 | 33 | 4.8 | 72 |
| 216N1 | 67 | 50 | 69 | 88 | 75 | 33 | 30.5 | 33 | 4.8 | 72 |
| 216V1 | 64 | 50 | 69 | 88 | 75 | 39 | 30.5 | 33 | 4.8 | 72 |

Switching programmes 6 and 8 pole

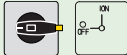

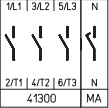
Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|----|------|------|-----|----|
| 206M1 | 67 | 72 | 84 | 96 | 83 | 38 | 22.5 | 24.2 | 3.2 | 70 |
| 206N1 | 67 | 72 | 84 | 96 | 83 | 33 | 22.5 | 24.2 | 3.2 | 70 |
| 216M1 | 67 | 72 | 84 | 96 | 83 | 38 | 30.5 | 33 | 4.8 | 70 |
| 216N1 | 67 | 72 | 84 | 96 | 83 | 33 | 30.5 | 33 | 4.8 | 70 |
| 216V1 | 64 | 72 | 84 | 96 | 83 | 39 | 30.5 | 33 | 4.8 | 70 |

Main Switches

- Base mounting switches with snap-on mounting
- for DIN rail
- 3 up to 8 pole
- 20 A up to 125 A
- IP30



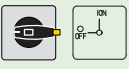
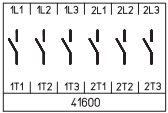
| Switching programme | Rated data (IEC 60947) | | | Escutcheon dimension for 45 mm aperture in Panel/Distribution boards (H × W) (mm) | Padlockable handle V-handle grey/black  IP30 | Order code number |
|---|---------------------------------------|--|-----------|--|--|-------------------|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | AC-3 (kW) | | | |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 45 × 48 | H216-41300-026V1 | |
| | 20 | 5.5 | 3.7 | 45 × 60 | H216-41300-126V1 | |
| | 25 | 7.5 | 5.5 | 45 × 48 | H220-41300-026V1 | |
| | 25 | 7.5 | 5.5 | 45 × 60 | H220-41300-126V1 | |
| | 32 | 11 | 7.5 | 45 × 48 | H226-41300-026V1 | |
| | 32 | 11 | 7.5 | 45 × 60 | H226-41300-126V1 | |
| | 40 | 15 | 11 | 45 × 48 | H233-41300-026V1 | |
| | 40 | 15 | 11 | 45 × 52.5 | B240-41300-026V1* | |
| | 40 | 15 | 11 | 45 × 60 | H233-41300-126V1 | |
| | 50 | 18.5 | 15 | 45 × 52.5 | B250-41300-026V1 | |
| | 63 | 22 | 18.5 | 45 × 52.5 | B263-41300-026V1 | |
| | 63 | 22 | 18.5 | 45 × 72 | H406-41300-126V1* | |
| | 80 | 30 | 22 | 45 × 72 | H408-41300-126V1 | |
| | 100 | 37 | 30 | 45 × 72 | H410-41300-126V1 | |
| | 125 | 45 | 37 | 45 × 72 | H412-41300-126V1 | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact – early make/late break  | 20 | 5.5 | 3.7 | 45 × 48 | H216-41400-026V1 | |
| | 20 | 5.5 | 3.7 | 45 × 60 | H216-41400-126V1 | |
| | 25 | 7.5 | 5.5 | 45 × 48 | H220-41400-026V1 | |
| | 25 | 7.5 | 5.5 | 45 × 60 | H220-41400-126V1 | |
| | 32 | 11 | 7.5 | 45 × 48 | H226-41400-026V1 | |
| | 32 | 11 | 7.5 | 45 × 60 | H226-41400-126V1 | |
| | 40 | 15 | 11 | 45 × 48 | H233-41400-026V1 | |
| | 40 | 15 | 11 | 45 × 52.5 | B240-41400-026V1* | |
| | 40 | 15 | 11 | 45 × 60 | H233-41400-126V1 | |
| | 50 | 18.5 | 15 | 45 × 52.5 | B250-41400-026V1 | |
| | 63 | 22 | 18.5 | 45 × 52.5 | B263-41400-026V1 | |
| | 63 | 22 | 18.5 | 45 × 72 | H406-41400-126V1* | |
| | 80 | 30 | 22 | 45 × 72 | H408-41400-126V1 | |
| | 100 | 37 | 30 | 45 × 72 | H410-41400-126V1 | |
| | 125 | 45 | 37 | 45 × 72 | H412-41400-126V1 | |

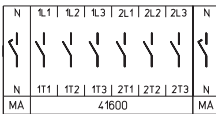
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

Main Switches **Base mounting** Snap-on mounting for DIN rail

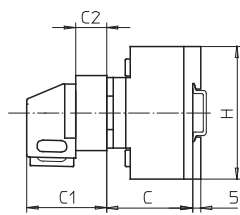
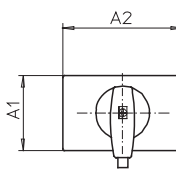
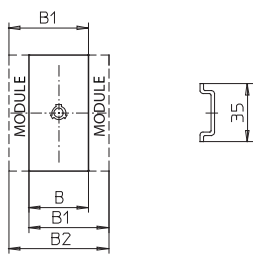
| Switching programme | Rated data (IEC 60947) | | | Escutcheon dimension for 45 mm aperture in Panel/Distribution boards (H × W) (mm) | Padlockable handle V-handle grey/black  IP30 | Order code number |
|---|--------------------------------|----------------------------------|-----------|--|--|-------------------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 45 × 76 | H216-41600-026V1 | |
| | 25 | 7.5 | 5.5 | 45 × 76 | H220-41600-026V1 | |
| | 32 | 11 | 7.5 | 45 × 76 | H226-41600-026V1 | |
| | 40 | 15 | 11 | 45 × 76 | H233-41600-026V1 | |
| | 40 | 15 | 11 | 45 × 105 | B240-41600-026V1* | |
| | 50 | 18.5 | 15 | 45 × 105 | B250-41600-026V1 | |
| | 63 | 22 | 18.5 | 45 × 105 | B263-41600-026V1 | |
| | 63 | 22 | 18.5 | 45 × 72 | H406-41600-126V1* | |
| | 80 | 30 | 22 | 45 × 72 | H408-41600-126V1 | |
| | 100 | 37 | 30 | 45 × 72 | H410-41600-126V1 | |
| | 125 | 45 | 37 | 45 × 72 | H412-41600-126V1 | |

| | | | | | | |
|---|-----|------|------|----------|--------------------------|--|
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | 45 × 76 | H216-41800-026V1 | |
| | 25 | 7.5 | 5.5 | 45 × 76 | H220-41800-026V1 | |
| | 32 | 11 | 7.5 | 45 × 76 | H226-41800-026V1 | |
| | 40 | 15 | 11 | 45 × 76 | H233-41800-026V1 | |
| | 40 | 15 | 11 | 45 × 105 | B240-41800-026V1* | |
| | 50 | 18.5 | 15 | 45 × 105 | B250-41800-026V1 | |
| | 63 | 22 | 18.5 | 45 × 105 | B263-41800-026V1 | |
| | 63 | 22 | 18.5 | 45 × 72 | H406-41800-126V1* | |
| | 80 | 30 | 22 | 45 × 72 | H408-41800-126V1 | |
| | 100 | 37 | 30 | 45 × 72 | H410-41800-126V1 | |
| | 125 | 45 | 37 | 45 × 72 | H412-41800-126V1 | |

* larger terminal capacity, see page 154
Further switching programmes from page 132.

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H216 | 41300 | 026V1 |
| Order code no. | H216-41300-026V1 | |

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|----|----|----|----|----|------|----|
| 026V1 | 45 | 48 | 36 | 48 | 60 | 38 | 45 | 18.5 | 70 |
| 126V1 | 45 | 60 | 36 | 48 | 60 | 38 | 45 | 18.5 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|------|----|----|----|----|----|------|----|
| 026V1 | 45 | 52.5 | 50 | 69 | 88 | 38 | 45 | 18.5 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|----|----|-----|----|----|----|----|
| 126V1 | 45 | 72 | 70 | 89 | 108 | 55 | 48 | 16 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|----|----|----|----|------|------|----|
| 026V1 | 45 | 76 | 72 | 84 | 96 | 40 | 51.5 | 25.5 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|-----|-----|-----|-----|----|------|------|----|
| 026V1 | 45 | 105 | 100 | 119 | 138 | 40 | 51.5 | 25.5 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|-----|-----|-----|----|----|----|----|
| 126V1 | 45 | 72 | 140 | 159 | 178 | 67 | 48 | 16 | 80 |

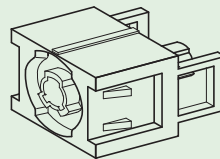
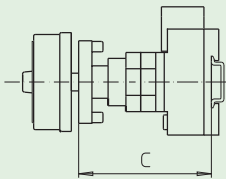
Main Switches

- Base mounting switches with snap-on mounting
- Door interlock
- 3 up to 8 pole
- 20 A up to 125 A
- **IP66**
- with modular or metal shaft extension
- single or four hole front mounting



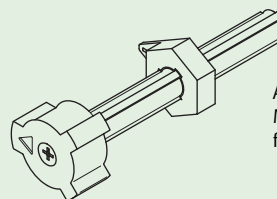
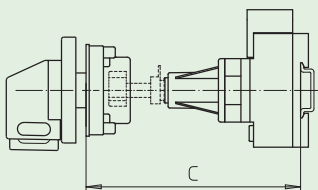
Base mounting switches with snap-on mounting and door interlock are offered with two different extensions:

1. Switches with **modular shaft extensions** can be extended with additional modules (modular shaft extensions see picture) which can be fixed to achieve different required mounting depths – dimension C. The modules therefore are detailed on page 145.

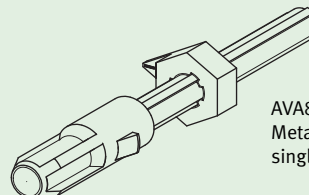
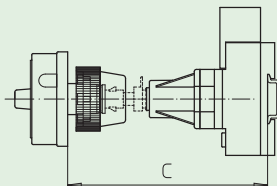


AVC2/AVC4
Modular shaft extension

2. For switches with **metal shaft extension** the metal shaft is not included in the scope of delivery and has to be ordered separately. Data for mounting dimension C and for the different types of metal shafts can be found on page 146.






AVB8
Metal shaft extension for
four hole front mounting



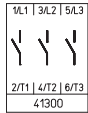
AVA8
Metal shaft extension for
single hole front mounting

Disconnect Switches

Main Switches **Base mounting** Snap-on mounting with door interlock

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---------------------|--------------------------------|----------------------------------|-----------|---------------------------------|---|---|---|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  OFF-ON IP66 |  OFF-ON IP66 |  OFF-ON IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |

41300
– 3 pole
– without auxiliary contacts



Modular shaft extension:

→ Modular shaft extensions see page 145!

| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 |
|-----|------|------|---------|-------------------|-------------------|-------------------|-----|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 20 | 5.5 | 3.7 | 36 × 36 | H216-41300-234N1 | H216-41300-234M1 | H216-41300-234V1 | | | | | | | | | | | | |
| 20 | 5.5 | 3.7 | 48 × 48 | H216-41300-238N1 | H216-41300-238M1 | H216-41300-238V1 | | | | | | | | | | | | |
| 25 | 7.5 | 5.5 | 36 × 36 | H220-41300-234N1 | H220-41300-234M1 | H220-41300-234V1 | | | | | | | | | | | | |
| 25 | 7.5 | 5.5 | 48 × 48 | H220-41300-238N1 | H220-41300-238M1 | H220-41300-238V1 | | | | | | | | | | | | |
| 32 | 11 | 7.5 | 36 × 36 | H226-41300-234N1 | H226-41300-234M1 | H226-41300-234V1 | | | | | | | | | | | | |
| 32 | 11 | 7.5 | 48 × 48 | H226-41300-238N1 | H226-41300-238M1 | H226-41300-238V1 | | | | | | | | | | | | |
| 40 | 15 | 11 | 36 × 36 | H233-41300-234N1 | H233-41300-234M1 | H233-41300-234V1 | | | | | | | | | | | | |
| 40 | 15 | 11 | 36 × 36 | B240-41300-234N1* | B240-41300-234M1* | B240-41300-234V1* | | | | | | | | | | | | |
| 40 | 15 | 11 | 48 × 48 | H233-41300-238N1 | H233-41300-238M1 | H233-41300-238V1 | | | | | | | | | | | | |
| 40 | 15 | 11 | 48 × 48 | B240-41300-238N1* | B240-41300-238M1* | B240-41300-238V1* | | | | | | | | | | | | |
| 50 | 18.5 | 15 | 36 × 36 | B250-41300-234N1 | B250-41300-234M1 | B250-41300-234V1 | | | | | | | | | | | | |
| 50 | 18.5 | 15 | 48 × 48 | B250-41300-238N1 | B250-41300-238M1 | B250-41300-238V1 | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 36 × 36 | B263-41300-234N1 | B263-41300-234M1 | B263-41300-234V1 | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 48 × 48 | B263-41300-238N1 | B263-41300-238M1 | B263-41300-238V1 | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 48 × 48 | H406-41300-234N1* | H406-41300-234M1* | H406-41300-234V1* | | | | | | | | | | | | |
| 80 | 30 | 22 | 48 × 48 | H408-41300-234N1 | H408-41300-234M1 | H408-41300-234V1 | | | | | | | | | | | | |
| 100 | 37 | 30 | 48 × 48 | H410-41300-234N1 | H410-41300-234M1 | H410-41300-234V1 | | | | | | | | | | | | |
| 125 | 45 | 37 | 48 × 48 | H412-41300-234N1 | H412-41300-234M1 | H412-41300-234V1 | | | | | | | | | | | | |




Metal shaft extension:

→ Metal shaft is not included. Please order separately, see page 146!

| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | ∅ 22.5 | 36 × 36 | 48 × 48 | ∅ 22.5 | 36 × 36 | 48 × 48 | ∅ 22.5 | 36 × 36 | 48 × 48 | ∅ 22.5 |
|-----|------|------|---------|-------------------|-------------------|-------------------|-----|-----|---------|---------|--------|---------|---------|--------|---------|---------|--------|---------|---------|--------|
| 20 | 5.5 | 3.7 | 36 × 36 | H216-41300-483N1 | H216-41300-483M1 | H216-41300-483V1 | | | | | | | | | | | | | | |
| 20 | 5.5 | 3.7 | 48 × 48 | H216-41300-484N1 | H216-41300-484M1 | H216-41300-484V1 | | | | | | | | | | | | | | |
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41300-281N1 | H216-41300-281M1 | H216-41300-281V1 | | | | | | | | | | | | | | |
| 25 | 7.5 | 5.5 | 36 × 36 | H220-41300-483N1 | H220-41300-483M1 | H220-41300-483V1 | | | | | | | | | | | | | | |
| 25 | 7.5 | 5.5 | 48 × 48 | H220-41300-484N1 | H220-41300-484M1 | H220-41300-484V1 | | | | | | | | | | | | | | |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41300-281N1 | H220-41300-281M1 | H220-41300-281V1 | | | | | | | | | | | | | | |
| 32 | 11 | 7.5 | 36 × 36 | H226-41300-483N1 | H226-41300-483M1 | H226-41300-483V1 | | | | | | | | | | | | | | |
| 32 | 11 | 7.5 | 48 × 48 | H226-41300-484N1 | H226-41300-484M1 | H226-41300-484V1 | | | | | | | | | | | | | | |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-41300-281N1 | H226-41300-281M1 | H226-41300-281V1 | | | | | | | | | | | | | | |
| 40 | 15 | 11 | 36 × 36 | H233-41300-483N1 | H233-41300-483M1 | H233-41300-483V1 | | | | | | | | | | | | | | |
| 40 | 15 | 11 | 36 × 36 | B240-41300-483N1* | B240-41300-483M1* | B240-41300-483V1* | | | | | | | | | | | | | | |
| 40 | 15 | 11 | 48 × 48 | H233-41300-484N1 | H233-41300-484M1 | H233-41300-484V1 | | | | | | | | | | | | | | |
| 40 | 15 | 11 | 48 × 48 | B240-41300-484N1* | B240-41300-484M1* | B240-41300-484V1* | | | | | | | | | | | | | | |
| 40 | 15 | 11 | ∅ 22.5 | H233-41300-281N1 | H233-41300-281M1 | H233-41300-281V1 | | | | | | | | | | | | | | |
| 40 | 15 | 11 | ∅ 22.5 | B240-41300-281N1* | B240-41300-281M1* | B240-41300-281V1* | | | | | | | | | | | | | | |
| 50 | 18.5 | 15 | 36 × 36 | B250-41300-483N1 | B250-41300-483M1 | B250-41300-483V1 | | | | | | | | | | | | | | |
| 50 | 18.5 | 15 | 48 × 48 | B250-41300-484N1 | B250-41300-484M1 | B250-41300-484V1 | | | | | | | | | | | | | | |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-41300-281N1 | B250-41300-281M1 | B250-41300-281V1 | | | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 36 × 36 | B263-41300-483N1 | B263-41300-483M1 | B263-41300-483V1 | | | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 48 × 48 | B263-41300-484N1 | B263-41300-484M1 | B263-41300-484V1 | | | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 48 × 48 | H406-41300-483N1* | H406-41300-483M1* | H406-41300-483V1* | | | | | | | | | | | | | | |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-41300-281N1 | B263-41300-281M1 | B263-41300-281V1 | | | | | | | | | | | | | | |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-41300-281N1* | H406-41300-281M1* | H406-41300-281V1* | | | | | | | | | | | | | | |
| 80 | 30 | 22 | 48 × 48 | H408-41300-483N1 | H408-41300-483M1 | H408-41300-483V1 | | | | | | | | | | | | | | |
| 80 | 30 | 22 | ∅ 22.5 | H408-41300-281N1 | H408-41300-281M1 | H408-41300-281V1 | | | | | | | | | | | | | | |
| 100 | 37 | 30 | 48 × 48 | H410-41300-483N1 | H410-41300-483M1 | H410-41300-483V1 | | | | | | | | | | | | | | |
| 100 | 37 | 30 | ∅ 22.5 | H410-41300-281N1 | H410-41300-281M1 | H410-41300-281V1 | | | | | | | | | | | | | | |
| 125 | 45 | 37 | 48 × 48 | H412-41300-483N1 | H412-41300-483M1 | H412-41300-483V1 | | | | | | | | | | | | | | |
| 125 | 45 | 37 | ∅ 22.5 | H412-41300-281N1 | H412-41300-281M1 | H412-41300-281V1 | | | | | | | | | | | | | | |

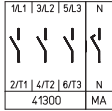
* larger terminal capacity, see page 154

Further switching programmes from page 132.

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---------------------|--------------------------------|----------------------------------|-----------|---------------------------------|--|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |

41400

- 4 pole
- without auxiliary contacts
- neutral contact
- early make/late break



Modular shaft extension:

➔ Modular shaft extensions see page 145!

| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 | 36 × 36 | 48 × 48 |
|-----|------|------|---------|-------------------|-------------------|-------------------|-----|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 20 | 5.5 | 3.7 | 36 × 36 | H216-41400-234N1 | H216-41400-234M1 | H216-41400-234V1 | | | | | | | | | | | | |
| 20 | 5.5 | 3.7 | 48 × 48 | H216-41400-238N1 | H216-41400-238M1 | H216-41400-238V1 | | | | | | | | | | | | |
| 25 | 7.5 | 5.5 | 36 × 36 | H220-41400-234N1 | H220-41400-234M1 | H220-41400-234V1 | | | | | | | | | | | | |
| 25 | 7.5 | 5.5 | 48 × 48 | H220-41400-238N1 | H220-41400-238M1 | H220-41400-238V1 | | | | | | | | | | | | |
| 32 | 11 | 7.5 | 36 × 36 | H226-41400-234N1 | H226-41400-234M1 | H226-41400-234V1 | | | | | | | | | | | | |
| 32 | 11 | 7.5 | 48 × 48 | H226-41400-238N1 | H226-41400-238M1 | H226-41400-238V1 | | | | | | | | | | | | |
| 40 | 15 | 11 | 36 × 36 | H233-41400-234N1 | H233-41400-234M1 | H233-41400-234V1 | | | | | | | | | | | | |
| 40 | 15 | 11 | 36 × 36 | B240-41400-234N1* | B240-41400-234M1* | B240-41400-234V1* | | | | | | | | | | | | |
| 40 | 15 | 11 | 48 × 48 | H233-41400-238N1 | H233-41400-238M1 | H233-41400-238V1 | | | | | | | | | | | | |
| 40 | 15 | 11 | 48 × 48 | B240-41400-238N1* | B240-41400-238M1* | B240-41400-238V1* | | | | | | | | | | | | |
| 50 | 18.5 | 15 | 36 × 36 | B250-41400-234N1 | B250-41400-234M1 | B250-41400-234V1 | | | | | | | | | | | | |
| 50 | 18.5 | 15 | 48 × 48 | B250-41400-238N1 | B250-41400-238M1 | B250-41400-238V1 | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 36 × 36 | B263-41400-234N1 | B263-41400-234M1 | B263-41400-234V1 | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 48 × 48 | B263-41400-238N1 | B263-41400-238M1 | B263-41400-238V1 | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 48 × 48 | H406-41400-234N1* | H406-41400-234M1* | H406-41400-234V1* | | | | | | | | | | | | |
| 80 | 30 | 22 | 48 × 48 | H408-41400-234N1 | H408-41400-234M1 | H408-41400-234V1 | | | | | | | | | | | | |
| 100 | 37 | 30 | 48 × 48 | H410-41400-234N1 | H410-41400-234M1 | H410-41400-234V1 | | | | | | | | | | | | |
| 125 | 45 | 37 | 48 × 48 | H412-41400-234N1 | H412-41400-234M1 | H412-41400-234V1 | | | | | | | | | | | | |

Metal shaft extension:

➔ Metal shaft is not included. Please order separately, see page 146!







| 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 36 × 36 | 48 × 48 | ∅ 22.5 | 36 × 36 | 48 × 48 | ∅ 22.5 | 36 × 36 | 48 × 48 | ∅ 22.5 | 36 × 36 | 48 × 48 | ∅ 22.5 |
|-----|------|------|---------|-------------------|-------------------|-------------------|-----|-----|---------|---------|--------|---------|---------|--------|---------|---------|--------|---------|---------|--------|
| 20 | 5.5 | 3.7 | 36 × 36 | H216-41400-483N1 | H216-41400-483M1 | H216-41400-483V1 | | | | | | | | | | | | | | |
| 20 | 5.5 | 3.7 | 48 × 48 | H216-41400-484N1 | H216-41400-484M1 | H216-41400-484V1 | | | | | | | | | | | | | | |
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41400-281N1 | H216-41400-281M1 | H216-41400-281V1 | | | | | | | | | | | | | | |
| 25 | 7.5 | 5.5 | 36 × 36 | H220-41400-483N1 | H220-41400-483M1 | H220-41400-483V1 | | | | | | | | | | | | | | |
| 25 | 7.5 | 5.5 | 48 × 48 | H220-41400-484N1 | H220-41400-484M1 | H220-41400-484V1 | | | | | | | | | | | | | | |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41400-281N1 | H220-41400-281M1 | H220-41400-281V1 | | | | | | | | | | | | | | |
| 32 | 11 | 7.5 | 36 × 36 | H226-41400-483N1 | H226-41400-483M1 | H226-41400-483V1 | | | | | | | | | | | | | | |
| 32 | 11 | 7.5 | 48 × 48 | H226-41400-484N1 | H226-41400-484M1 | H226-41400-484V1 | | | | | | | | | | | | | | |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-41400-281N1 | H226-41400-281M1 | H226-41400-281V1 | | | | | | | | | | | | | | |
| 40 | 15 | 11 | 36 × 36 | H233-41400-483N1 | H233-41400-483M1 | H233-41400-483V1 | | | | | | | | | | | | | | |
| 40 | 15 | 11 | 36 × 36 | B240-41400-483N1* | B240-41400-483M1* | B240-41400-483V1* | | | | | | | | | | | | | | |
| 40 | 15 | 11 | 48 × 48 | H233-41400-484N1 | H233-41400-484M1 | H233-41400-484V1 | | | | | | | | | | | | | | |
| 40 | 15 | 11 | 48 × 48 | B240-41400-484N1* | B240-41400-484M1* | B240-41400-484V1* | | | | | | | | | | | | | | |
| 40 | 15 | 11 | ∅ 22.5 | H233-41400-281N1 | H233-41400-281M1 | H233-41400-281V1 | | | | | | | | | | | | | | |
| 40 | 15 | 11 | ∅ 22.5 | B240-41400-281N1* | B240-41400-281M1* | B240-41400-281V1* | | | | | | | | | | | | | | |
| 50 | 18.5 | 15 | 36 × 36 | B250-41400-483N1 | B250-41400-483M1 | B250-41400-483V1 | | | | | | | | | | | | | | |
| 50 | 18.5 | 15 | 48 × 48 | B250-41400-484N1 | B250-41400-484M1 | B250-41400-484V1 | | | | | | | | | | | | | | |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-41400-281N1 | B250-41400-281M1 | B250-41400-281V1 | | | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 36 × 36 | B263-41400-483N1 | B263-41400-483M1 | B263-41400-483V1 | | | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 48 × 48 | B263-41400-484N1 | B263-41400-484M1 | B263-41400-484V1 | | | | | | | | | | | | | | |
| 63 | 22 | 18.5 | 48 × 48 | H406-41400-483N1* | H406-41400-483M1* | H406-41400-483V1* | | | | | | | | | | | | | | |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-41400-281N1 | B263-41400-281M1 | B263-41400-281V1 | | | | | | | | | | | | | | |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-41400-281N1* | H406-41400-281M1* | H406-41400-281V1* | | | | | | | | | | | | | | |
| 80 | 30 | 22 | 48 × 48 | H408-41400-483N1 | H408-41400-483M1 | H408-41400-483V1 | | | | | | | | | | | | | | |
| 80 | 30 | 22 | ∅ 22.5 | H408-41400-281N1 | H408-41400-281M1 | H408-41400-281V1 | | | | | | | | | | | | | | |
| 100 | 37 | 30 | 48 × 48 | H410-41400-483N1 | H410-41400-483M1 | H410-41400-483V1 | | | | | | | | | | | | | | |
| 100 | 37 | 30 | ∅ 22.5 | H410-41400-281N1 | H410-41400-281M1 | H410-41400-281V1 | | | | | | | | | | | | | | |
| 125 | 45 | 37 | 48 × 48 | H412-41400-483N1 | H412-41400-483M1 | H412-41400-483V1 | | | | | | | | | | | | | | |
| 125 | 45 | 37 | ∅ 22.5 | H412-41400-281N1 | H412-41400-281M1 | H412-41400-281V1 | | | | | | | | | | | | | | |

* larger terminal capacity, see page 154

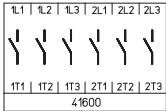
Further switching programmes from page 132.

Disconnect Switches

Main Switches **Base mounting** Snap-on mounting with door interlock

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---------------------|------------------------|----------------------------------|-----------|---------------------------------|---|---|---|
| | Operat. current I_e | Operational power (at 380–440 V) | | |   |   |   |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 | IP66 |
| | | | | | Order code number | Order code number | Order code number |

41600
– 6 pole
– without auxiliary contacts



Modular shaft extension:

➔ Modular shaft extensions see page 145!

| | | | | | | |
|-----|------|------|---------|-------------------|-------------------|-------------------|
| 20 | 5.5 | 3.7 | 36 x 36 | H216-41600-234N1 | H216-41600-234M1 | – |
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41600-238N1 | H216-41600-238M1 | H216-41600-238V1 |
| 25 | 7.5 | 5.5 | 36 x 36 | H220-41600-234N1 | H220-41600-234M1 | – |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41600-238N1 | H220-41600-238M1 | H220-41600-238V1 |
| 32 | 11 | 7.5 | 36 x 36 | H226-41600-234N1 | H226-41600-234M1 | – |
| 32 | 11 | 7.5 | 48 x 48 | H226-41600-238N1 | H226-41600-238M1 | H226-41600-238V1 |
| 40 | 15 | 11 | 36 x 36 | H233-41600-234N1 | H233-41600-234M1 | – |
| 40 | 15 | 11 | 36 x 36 | B240-41600-234N1* | B240-41600-234M1* | – |
| 40 | 15 | 11 | 48 x 48 | H233-41600-238N1 | H233-41600-238M1 | H233-41600-238V1 |
| 40 | 15 | 11 | 48 x 48 | B240-41600-238N1* | B240-41600-238M1* | B240-41600-238V1* |
| 50 | 18.5 | 15 | 36 x 36 | B250-41600-234N1 | B250-41600-234M1 | – |
| 50 | 18.5 | 15 | 48 x 48 | B250-41600-238N1 | B250-41600-238M1 | B250-41600-238V1 |
| 63 | 22 | 18.5 | 36 x 36 | B263-41600-234N1 | B263-41600-234M1 | – |
| 63 | 22 | 18.5 | 48 x 48 | B263-41600-238N1 | B263-41600-238M1 | B263-41600-238V1 |
| 63 | 22 | 18.5 | 48 x 48 | H406-41600-234N1* | H406-41600-234M1* | H406-41600-234V1* |
| 80 | 30 | 22 | 48 x 48 | H408-41600-234N1 | H408-41600-234M1 | H408-41600-234V1 |
| 100 | 37 | 30 | 48 x 48 | H410-41600-234N1 | H410-41600-234M1 | H410-41600-234V1 |
| 125 | 45 | 37 | 48 x 48 | H412-41600-234N1 | H412-41600-234M1 | H412-41600-234V1 |




Metal shaft extension:

➔ Metal shaft is not included. Please order separately, see page 146!

| | | | | | | |
|-----|------|------|---------|-------------------|-------------------|-------------------|
| 20 | 5.5 | 3.7 | 36 x 36 | H216-41600-483N1 | H216-41600-483M1 | – |
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41600-484N1 | H216-41600-484M1 | H216-41600-484V1 |
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41600-281N1 | H216-41600-281M1 | – |
| 25 | 7.5 | 5.5 | 36 x 36 | H220-41600-483N1 | H220-41600-483M1 | – |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41600-484N1 | H220-41600-484M1 | H220-41600-484V1 |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41600-281N1 | H220-41600-281M1 | – |
| 32 | 11 | 7.5 | 36 x 36 | H226-41600-483N1 | H226-41600-483M1 | – |
| 32 | 11 | 7.5 | 48 x 48 | H226-41600-484N1 | H226-41600-484M1 | H226-41600-484V1 |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-41600-281N1 | H226-41600-281M1 | – |
| 40 | 15 | 11 | 36 x 36 | H233-41600-483N1 | H233-41600-483M1 | – |
| 40 | 15 | 11 | 36 x 36 | B240-41600-483N1* | B240-41600-483M1* | – |
| 40 | 15 | 11 | 48 x 48 | H233-41600-484N1 | H233-41600-484M1 | H233-41600-484V1 |
| 40 | 15 | 11 | 48 x 48 | B240-41600-484N1* | B240-41600-484M1* | B240-41600-484V1* |
| 40 | 15 | 11 | ∅ 22.5 | H233-41600-281N1 | H233-41600-281M1 | – |
| 40 | 15 | 11 | ∅ 22.5 | B240-41600-281N1* | B240-41600-281M1* | – |
| 50 | 18.5 | 15 | 36 x 36 | B250-41600-483N1 | B250-41600-483M1 | – |
| 50 | 18.5 | 15 | 48 x 48 | B250-41600-484N1 | B250-41600-484M1 | B250-41600-484V1 |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-41600-281N1 | B250-41600-281M1 | – |
| 63 | 22 | 18.5 | 36 x 36 | B263-41600-483N1 | B263-41600-483M1 | – |
| 63 | 22 | 18.5 | 48 x 48 | B263-41600-484N1 | B263-41600-484M1 | B263-41600-484V1 |
| 63 | 22 | 18.5 | 48 x 48 | H406-41600-483N1* | H406-41600-483M1* | H406-41600-483V1* |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-41600-281N1 | B263-41600-281M1 | – |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-41600-281N1* | H406-41600-281M1* | H406-41600-281V1 |
| 80 | 30 | 22 | 48 x 48 | H408-41600-483N1 | H408-41600-483M1 | H408-41600-483V1 |
| 80 | 30 | 22 | ∅ 22.5 | H408-41600-281N1 | H408-41600-281M1 | H408-41600-281V1 |
| 100 | 37 | 30 | 48 x 48 | H410-41600-483N1 | H410-41600-483M1 | H410-41600-483V1 |
| 100 | 37 | 30 | ∅ 22.5 | H410-41600-281N1 | H410-41600-281M1 | H410-41600-281V1 |
| 125 | 45 | 37 | 48 x 48 | H412-41600-483N1 | H412-41600-483M1 | H412-41600-483V1 |
| 125 | 45 | 37 | ∅ 22.5 | H412-41600-281N1 | H412-41600-281M1 | H412-41600-281V1 |

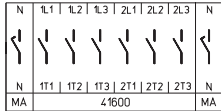
* larger terminal capacity, see page 154

Further switching programmes from page 132.

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---------------------|--------------------------------|----------------------------------|-----------|---------------------------------|---|---|---|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  |  |  |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 | IP66 |
| | | | | | Order code number | Order code number | Order code number |

41800

- 8 pole
- without auxiliary contacts
- 2 neutral contacts
- early make/late break



Modular shaft extension:

➔ Modular shaft extensions see page 145!

| | | | | | | |
|-----|------|------|---------|-------------------|-------------------|-------------------|
| 20 | 5.5 | 3.7 | 36 x 36 | H216-41800-234N1 | H216-41800-234M1 | - |
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41800-238N1 | H216-41800-238M1 | H216-41800-238V1 |
| 25 | 7.5 | 5.5 | 36 x 36 | H220-41800-234N1 | H220-41800-234M1 | - |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41800-238N1 | H220-41800-238M1 | H220-41800-238V1 |
| 32 | 11 | 7.5 | 36 x 36 | H226-41800-234N1 | H226-41800-234M1 | - |
| 32 | 11 | 7.5 | 48 x 48 | H226-41800-238N1 | H226-41800-238M1 | H226-41800-238V1 |
| 40 | 15 | 11 | 36 x 36 | H233-41800-234N1 | H233-41800-234M1 | - |
| 40 | 15 | 11 | 36 x 36 | B240-41800-234N1* | B240-41800-234M1* | - |
| 40 | 15 | 11 | 48 x 48 | H233-41800-238N1 | H233-41800-238M1 | H233-41800-238V1 |
| 40 | 15 | 11 | 48 x 48 | B240-41800-238N1* | B240-41800-238M1* | B240-41800-238V1* |
| 50 | 18.5 | 15 | 36 x 36 | B250-41800-234N1 | B250-41800-234M1 | - |
| 50 | 18.5 | 15 | 48 x 48 | B250-41800-238N1 | B250-41800-238M1 | B250-41800-238V1 |
| 63 | 22 | 18.5 | 36 x 36 | B263-41800-234N1 | B263-41800-234M1 | - |
| 63 | 22 | 18.5 | 48 x 48 | B263-41800-238N1 | B263-41800-238M1 | B263-41800-238V1 |
| 63 | 22 | 18.5 | 48 x 48 | H406-41800-234N1* | H406-41800-234M1* | H406-41800-234V1* |
| 80 | 30 | 22 | 48 x 48 | H408-41800-234N1 | H408-41800-234M1 | H408-41800-234V1 |
| 100 | 37 | 30 | 48 x 48 | H410-41800-234N1 | H410-41800-234M1 | H410-41800-234V1 |
| 125 | 45 | 37 | 48 x 48 | H412-41800-234N1 | H412-41800-234M1 | H412-41800-234V1 |

Metal shaft extension:

➔ Metal shaft is not included. Please order separately, see page 146!

| | | | | | | |
|-----|------|------|---------|-------------------|-------------------|-------------------|
| 20 | 5.5 | 3.7 | 36 x 36 | H216-41800-483N1 | H216-41800-483M1 | - |
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41800-484N1 | H216-41800-484M1 | H216-41800-484V1 |
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41800-281N1 | H216-41800-281M1 | - |
| 25 | 7.5 | 5.5 | 36 x 36 | H220-41800-483N1 | H220-41800-483M1 | - |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41800-484N1 | H220-41800-484M1 | H220-41800-484V1 |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41800-281N1 | H220-41800-281M1 | - |
| 32 | 11 | 7.5 | 36 x 36 | H226-41800-483N1 | H226-41800-483M1 | - |
| 32 | 11 | 7.5 | 48 x 48 | H226-41800-484N1 | H226-41800-484M1 | H226-41800-484V1 |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-41800-281N1 | H226-41800-281M1 | - |
| 40 | 15 | 11 | 36 x 36 | H233-41800-483N1 | H233-41800-483M1 | - |
| 40 | 15 | 11 | 36 x 36 | B240-41800-483N1* | B240-41800-483M1* | - |
| 40 | 15 | 11 | 48 x 48 | H233-41800-484N1 | H233-41800-484M1 | H233-41800-484V1 |
| 40 | 15 | 11 | 48 x 48 | B240-41800-484N1* | B240-41800-484M1* | B240-41800-484V1* |
| 40 | 15 | 11 | ∅ 22.5 | H233-41800-281N1 | H233-41800-281M1 | - |
| 40 | 15 | 11 | ∅ 22.5 | B240-41800-281N1* | B240-41800-281M1* | - |
| 50 | 18.5 | 15 | 36 x 36 | B250-41800-483N1 | B250-41800-483M1 | - |
| 50 | 18.5 | 15 | 48 x 48 | B250-41800-484N1 | B250-41800-484M1 | B250-41800-484V1 |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-41800-281N1 | B250-41800-281M1 | - |
| 63 | 22 | 18.5 | 36 x 36 | B263-41800-483N1 | B263-41800-483M1 | - |
| 63 | 22 | 18.5 | 48 x 48 | B263-41800-484N1 | B263-41800-484M1 | B263-41800-484V1 |
| 63 | 22 | 18.5 | 48 x 48 | H406-41800-483N1* | H406-41800-483M1* | H406-41800-483V1* |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-41800-281N1 | B263-41800-281M1 | - |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-41800-281N1* | H406-41800-281M1* | H406-41800-281V1 |
| 80 | 30 | 22 | 48 x 48 | H408-41800-483N1 | H408-41800-483M1 | H408-41800-483V1 |
| 80 | 30 | 22 | ∅ 22.5 | H408-41800-281N1 | H408-41800-281M1 | H408-41800-281V1 |
| 100 | 37 | 30 | 48 x 48 | H410-41800-483N1 | H410-41800-483M1 | H410-41800-483V1 |
| 100 | 37 | 30 | ∅ 22.5 | H410-41800-281N1 | H410-41800-281M1 | H410-41800-281V1 |
| 125 | 45 | 37 | 48 x 48 | H412-41800-483N1 | H412-41800-483M1 | H412-41800-483V1 |
| 125 | 45 | 37 | ∅ 22.5 | H412-41800-281N1 | H412-41800-281M1 | H412-41800-281V1 |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

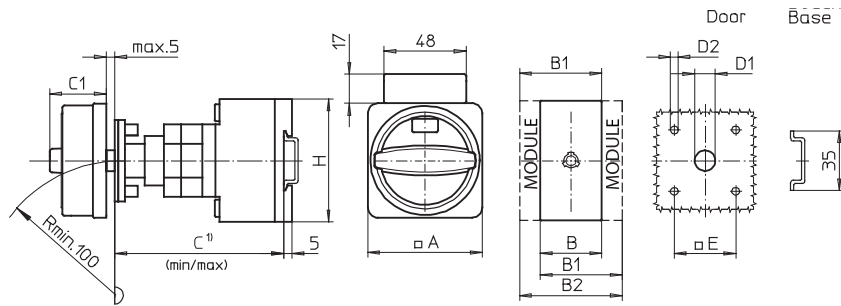
Disconnect Switches

Main Switches **Base mounting** Snap-on mounting with door interlock

Dimensions in mm:

Door interlock with **modular shaft extension**: Four hole front mounting

| Setup of order code number | | |
|----------------------------|------------------|-------------------------|
| Type | Switching progr. | Mtg. form |
| H233 | 41400 | 234N1 |
| Order code no. | | H233-41400-234N1 |



¹⁾ Internal depth: inside of door to top of DIN rail, dimensions with shaft extension see page 145.

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|------------------|------------------|----|----|-----|----|----|
| 234M1 | 67 | 36 | 48 | 60 | 92 | 107 | 38 | 15 | 4.5 | 36 | 70 |
| 234N1 | 67 | 36 | 48 | 60 | 92 | 107 | 33 | 15 | 4.5 | 36 | 70 |
| 234V1 | 48 | 36 | 48 | 60 | 92 | 107 | 32 | 12 | 4.5 | 36 | 70 |
| 238M1 | 67 | 36 | 48 | 60 | 92 | 107 | 38 | 15 | 5 | 48 | 70 |
| 238N1 | 67 | 36 | 48 | 60 | 92 | 107 | 33 | 15 | 5 | 48 | 70 |
| 238V1 | 64 | 36 | 48 | 60 | 92 | 107 | 39 | 15 | 5 | 48 | 70 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|------------------|------------------|----|----|-----|----|----|
| 234M1 | 67 | 72 | 84 | 96 | 100 | 115 | 38 | 15 | 4.5 | 36 | 70 |
| 234N1 | 67 | 72 | 84 | 96 | 100 | 115 | 33 | 15 | 4.5 | 36 | 70 |
| 238M1 | 67 | 72 | 84 | 96 | 100 | 115 | 38 | 15 | 5 | 48 | 70 |
| 238N1 | 67 | 72 | 84 | 96 | 100 | 115 | 33 | 15 | 5 | 48 | 70 |
| 238V1 | 64 | 72 | 84 | 96 | 100 | 115 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|------------------|------------------|----|----|-----|----|----|
| 234M1 | 67 | 50 | 69 | 88 | 92 | 107 | 38 | 15 | 4.5 | 36 | 72 |
| 234N1 | 67 | 50 | 69 | 88 | 92 | 107 | 33 | 15 | 4.5 | 36 | 72 |
| 234V1 | 48 | 50 | 69 | 88 | 92 | 107 | 32 | 12 | 4.5 | 36 | 72 |
| 238M1 | 67 | 50 | 69 | 88 | 92 | 107 | 38 | 15 | 5 | 48 | 72 |
| 238N1 | 67 | 50 | 69 | 88 | 92 | 107 | 33 | 15 | 5 | 48 | 72 |
| 238V1 | 64 | 50 | 69 | 88 | 92 | 107 | 39 | 15 | 5 | 48 | 72 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|------------------|------------------|----|----|-----|----|----|
| 234M1 | 67 | 100 | 119 | 138 | 104 | 119 | 38 | 15 | 4.5 | 36 | 72 |
| 234N1 | 67 | 100 | 119 | 138 | 104 | 119 | 33 | 15 | 4.5 | 36 | 72 |
| 238M1 | 67 | 100 | 119 | 138 | 104 | 119 | 38 | 15 | 5 | 48 | 72 |
| 238N1 | 67 | 100 | 119 | 138 | 104 | 119 | 33 | 15 | 5 | 48 | 72 |
| 238V1 | 64 | 100 | 119 | 138 | 104 | 119 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|-----|------------------|------------------|----|----|----|----|----|
| 234M1 | 88 | 70 | 89 | 108 | 102 | 117 | 50 | 15 | 5 | 48 | 80 |
| 234N1 | 88 | 70 | 89 | 108 | 102 | 117 | 45 | 15 | 5 | 48 | 80 |
| 234V1 | 64 | 70 | 89 | 108 | 102 | 117 | 40 | 15 | 5 | 48 | 80 |

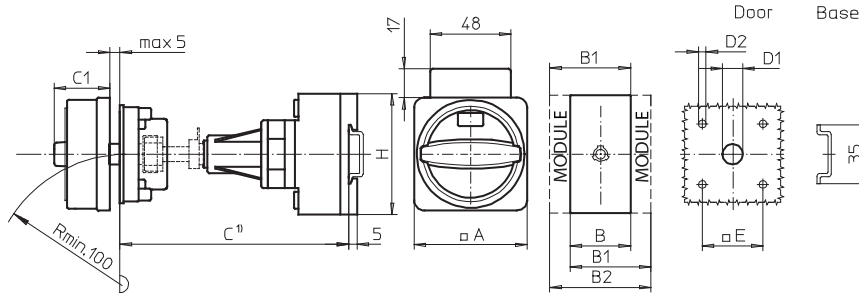
Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|------------------|------------------|----|----|----|----|----|
| 234M1 | 88 | 140 | 159 | 178 | 115 | 130 | 50 | 15 | 5 | 48 | 80 |
| 234N1 | 88 | 140 | 159 | 178 | 115 | 130 | 45 | 15 | 5 | 48 | 80 |
| 234V1 | 64 | 140 | 159 | 178 | 115 | 130 | 40 | 15 | 5 | 48 | 80 |

Dimensions in mm:

Door interlock with **metal shaft extension**: Four hole front mounting

| Setup of order code number | | |
|--|------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H406 | 41800 | 483N1 |
| Order code no. H406-41800-483N1 | | |



¹⁾ Internal depth: inside of door to top of DIN rail, dimensions see page 146.

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|-----|----|----|
| 483M1 | 67 | 36 | 48 | 60 | 38 | 15 | 4.5 | 36 | 70 |
| 483N1 | 67 | 36 | 48 | 60 | 33 | 15 | 4.5 | 36 | 70 |
| 483V1 | 48 | 36 | 48 | 60 | 32 | 15 | 4.5 | 36 | 70 |
| 484M1 | 67 | 36 | 48 | 60 | 38 | 15 | 5 | 48 | 70 |
| 484N1 | 67 | 36 | 48 | 60 | 33 | 15 | 5 | 48 | 70 |
| 484V1 | 64 | 36 | 48 | 60 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|-----|----|----|
| 483M1 | 67 | 50 | 69 | 88 | 38 | 15 | 4.5 | 36 | 72 |
| 483N1 | 67 | 50 | 69 | 88 | 33 | 15 | 4.5 | 36 | 72 |
| 483V1 | 48 | 50 | 69 | 88 | 32 | 15 | 4.5 | 36 | 72 |
| 484M1 | 67 | 50 | 69 | 88 | 38 | 15 | 5 | 48 | 72 |
| 484N1 | 67 | 50 | 69 | 88 | 33 | 15 | 5 | 48 | 72 |
| 484V1 | 64 | 50 | 69 | 88 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|-----|----|----|----|----|----|
| 483M1 | 88 | 70 | 89 | 108 | 50 | 15 | 5 | 48 | 80 |
| 483N1 | 88 | 70 | 89 | 108 | 45 | 15 | 5 | 48 | 80 |
| 483V1 | 64 | 70 | 89 | 108 | 40 | 15 | 5 | 48 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|-----|----|----|
| 483M1 | 67 | 72 | 84 | 96 | 38 | 15 | 4.5 | 36 | 70 |
| 483N1 | 67 | 72 | 84 | 96 | 33 | 15 | 4.5 | 36 | 70 |
| 484M1 | 67 | 72 | 84 | 96 | 38 | 15 | 5 | 48 | 70 |
| 484N1 | 67 | 72 | 84 | 96 | 33 | 15 | 5 | 48 | 70 |
| 484V1 | 64 | 72 | 84 | 96 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|-----|----|----|
| 483M1 | 67 | 100 | 119 | 138 | 38 | 15 | 4.5 | 36 | 72 |
| 483N1 | 67 | 100 | 119 | 138 | 33 | 15 | 4.5 | 36 | 72 |
| 484M1 | 67 | 100 | 119 | 138 | 38 | 15 | 5 | 48 | 72 |
| 484N1 | 67 | 100 | 119 | 138 | 33 | 15 | 5 | 48 | 72 |
| 484V1 | 64 | 100 | 119 | 138 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|----|----|
| 483M1 | 88 | 140 | 159 | 178 | 50 | 15 | 5 | 48 | 80 |
| 483N1 | 88 | 140 | 159 | 178 | 45 | 15 | 5 | 48 | 80 |
| 483V1 | 64 | 140 | 159 | 178 | 40 | 15 | 5 | 48 | 80 |

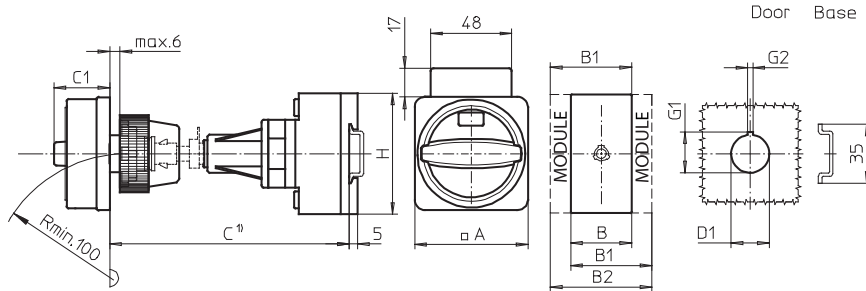
Disconnect Switches

Main Switches **Base mounting** Snap-on mounting with door interlock

Dimensions in mm:

Door interlock with **metal shaft extension**: Single hole front mounting

| Setup of order code number | | |
|----------------------------|------------------|-------------------------|
| Type | Switching progr. | Mtg. form |
| H233 | 41400 | 281N1 |
| Order code no. | | H233-41400-281N1 |



¹⁾ Internal depth: outside of door to top of DIN rail, dimensions see page 146.

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|-----|----|
| 281M1 | 67 | 36 | 48 | 60 | 38 | 22.5 | 24.2 | 3.2 | 70 |
| 281N1 | 67 | 36 | 48 | 60 | 33 | 22.5 | 24.2 | 3.2 | 70 |
| 281V1 | 48 | 36 | 48 | 60 | 32 | 22.5 | 24.2 | 3.2 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|-----|----|
| 281M1 | 67 | 50 | 69 | 88 | 38 | 22.5 | 24.2 | 3.2 | 72 |
| 281N1 | 67 | 50 | 69 | 88 | 33 | 22.5 | 24.2 | 3.2 | 72 |
| 281V1 | 48 | 50 | 69 | 88 | 32 | 22.5 | 24.2 | 3.2 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|-----|----|------|------|-----|----|
| 281M1 | 67 | 70 | 89 | 108 | 38 | 22.5 | 24.2 | 3.2 | 80 |
| 281N1 | 67 | 70 | 89 | 108 | 33 | 22.5 | 24.2 | 3.2 | 80 |
| 281V1 | 64 | 70 | 89 | 108 | 39 | 22.5 | 24.2 | 3.2 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|-----|----|
| 281M1 | 67 | 72 | 84 | 96 | 38 | 22.5 | 24.2 | 3.2 | 70 |
| 281N1 | 67 | 72 | 84 | 96 | 33 | 22.5 | 24.2 | 3.2 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|-----|-----|-----|----|------|------|-----|----|
| 281M1 | 67 | 100 | 119 | 138 | 38 | 22.5 | 24.2 | 3.2 | 72 |
| 281N1 | 67 | 100 | 119 | 138 | 33 | 22.5 | 24.2 | 3.2 | 72 |




Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|-----|-----|-----|----|------|------|-----|----|
| 281M1 | 67 | 140 | 159 | 178 | 38 | 22.5 | 24.2 | 3.2 | 80 |
| 281N1 | 67 | 140 | 159 | 178 | 33 | 22.5 | 24.2 | 3.2 | 80 |
| 281V1 | 64 | 140 | 159 | 178 | 39 | 22.5 | 24.2 | 3.2 | 80 |

Main Switches

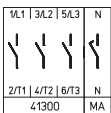
- Base mounting switches with four hole mounting
- Door interlock
- 3 up to 8 pole
- 160 A up to 315 A
- IP55



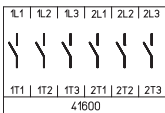
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (base/front) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlock device H-handle silver/black |
|--|------------------------------------|---------------------------------------|------|--------------------------------------|--|--|--|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | |  IP55 |  IP55 |  IP55 |
| | AC-21A | AC-23A | AC-3 | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41300-034N1 | K616-41300-034M1 | K616-41300-034H1 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | – | – | K830-41300-034H1 |



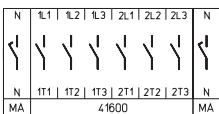
| | | | | | | | |
|--|-----|-----|----|-----------------------|-------------------------|-------------------------|-------------------------|
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41400-034N1 | K616-41400-034M1 | K616-41400-034H1 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | – | – | K830-41400-034H1 |



| | | | | | | | |
|--|-----|-----|----|-----------------------|-------------------------|-------------------------|-------------------------|
| 41600 – 6 pole – without auxiliary contacts | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41600-034N1 | K616-41600-034M1 | K616-41600-034H1 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | – | – | K830-41600-034H1 |



| | | | | | | | |
|---|-----|-----|----|-----------------------|-------------------------|-------------------------|-------------------------|
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41800-034N1 | K616-41800-034M1 | K616-41800-034H1 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | – | – | K830-41800-034H1 |

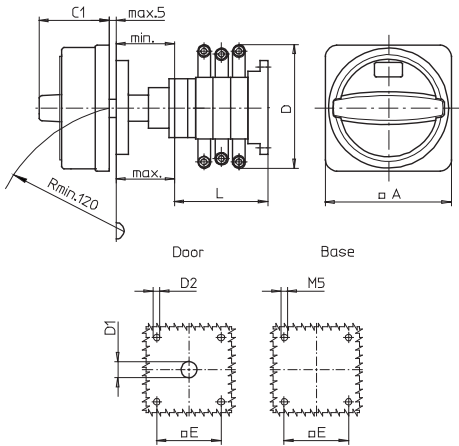


Disconnect Switches

Main Switches Base mounting Four hole mounting with door interlock

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| K616 | 41300 | 034N1 |
| Order code no. | K616-41300-034N1 | |



Type K616:

| Mtg. form | Switching progr. | A | C1 | D* | D1 | D2 | E | min | max | L |
|-----------|------------------|----|----|-----|----|-----|----|-----|-----|-----|
| 034M1 | 41300 | 88 | 50 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034M1 | 41400 | 88 | 50 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034M1 | 41600 | 88 | 50 | 150 | 15 | 5.5 | 68 | 48 | 60 | 136 |
| 034M1 | 41800 | 88 | 50 | 150 | 15 | 5.5 | 68 | 48 | 60 | 168 |
| 034N1 | 41300 | 88 | 45 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034N1 | 41400 | 88 | 45 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034N1 | 41600 | 88 | 45 | 150 | 15 | 5.5 | 68 | 48 | 60 | 136 |
| 034N1 | 41800 | 88 | 45 | 150 | 15 | 5.5 | 68 | 48 | 60 | 168 |

Type K616:

| Mtg. form | Switching progr. | A1 | A2 | C1 | D* | D1 | D2 | E | min | max | L |
|-----------|------------------|----|-----|----|-----|----|-----|----|-----|-----|-----|
| 034H1 | 41300 | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034H1 | 41400 | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 034H1 | 41600 | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 136 |
| 034H1 | 41800 | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 168 |

Type K830:

| Mtg. form | Switching progr. | A1 | A2 | C1 | D* | D1 | D2 | E | min | max | L |
|-----------|------------------|-----|-----|----|-----|----|-----|-----|-----|-----|-----|
| 034H1 | 41300 | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 125 |
| 034H1 | 41400 | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 125 |
| 034H1 | 41600 | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 161 |
| 034H1 | 41800 | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 197 |

* terminal lugs included

Further switching programmes and corresponding dimensions for types K on request.

Main Switches

- Enclosed switches with insulated enclosure (polycarbonate)
- Cover interlock in ON position
- 3 up to 8 pole
- 20 A up to 315 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|--|--------------------------------|----------------------------------|-----------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | | | | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 | IP66 |
| | | | | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 125 × 100 × 85 | H216-41300-700N1 | H216-41300-700M1 | H216-41300-700V1 |
| | 20 | 5.5 | 3.7 | 175 × 115 × 100 | H216-41300-710N1 | H216-41300-710M1 | H216-41300-710V1 |
| | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41300-730N1 | H216-41300-730M1 | H216-41300-730V1 |
| | 25 | 7.5 | 5.5 | 125 × 100 × 85 | H220-41300-700N1 | H220-41300-700M1 | H220-41300-700V1 |
| | 25 | 7.5 | 5.5 | 175 × 115 × 100 | H220-41300-710N1 | H220-41300-710M1 | H220-41300-710V1 |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41300-730N1 | H220-41300-730M1 | H220-41300-730V1 |
| | 32 | 11 | 7.5 | 125 × 100 × 85 | H226-41300-700N1 | H226-41300-700M1 | H226-41300-700V1 |
| | 32 | 11 | 7.5 | 175 × 115 × 100 | H226-41300-710N1 | H226-41300-710M1 | H226-41300-710V1 |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41300-730N1 | H226-41300-730M1 | H226-41300-730V1 |
| | 40 | 15 | 11 | 175 × 115 × 100 | H233-41300-710N1 | H233-41300-710M1 | H233-41300-710V1 |
| | 40 | 15 | 11 | 175 × 115 × 100 | B240-41300-710N1*¹ | B240-41300-710M1*¹ | B240-41300-710V1*¹ |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41300-730N1 | H233-41300-730M1 | H233-41300-730V1 |
| | 40 | 15 | 11 | 250 × 160 × 120 | B240-41300-730N1* | B240-41300-730M1* | B240-41300-730V1* |
| | 50 | 18.5 | 15 | 175 × 115 × 100 | B250-41300-710N1¹ | B250-41300-710M1¹ | B250-41300-710V1¹ |
| | 50 | 18.5 | 15 | 250 × 160 × 120 | B250-41300-730N1 | B250-41300-730M1 | B250-41300-730V1 |
| | 63 | 22 | 18.5 | 175 × 115 × 100 | B263-41300-710N1¹ | B263-41300-710M1¹ | B263-41300-710V1¹ |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | B263-41300-730N1 | B263-41300-730M1 | B263-41300-730V1 |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | H406-41300-730N1* | H406-41300-730M1* | – |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | H406-41300-770N1 | H406-41300-770M1 | H406-41300-770V1 |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | H406-41300-471N1 | H406-41300-471M1 | – |
| 80 | 30 | 22 | 250 × 160 × 120 | H408-41300-730N1 | H408-41300-730M1 | – | |
| 80 | 30 | 22 | 280 × 190 × 130 | H408-41300-770N1 | H408-41300-770M1 | H408-41300-770V1 | |
| 80 | 30 | 22 | 320 × 220 × 180 | H408-41300-471N1 | H408-41300-471M1 | – | |
| 100 | 37 | 30 | 250 × 160 × 120 | H410-41300-730N1 | H410-41300-730M1 | – | |
| 100 | 37 | 30 | 280 × 190 × 130 | H410-41300-770N1 | H410-41300-770M1 | H410-41300-770V1 | |
| 100 | 37 | 30 | 320 × 220 × 180 | H410-41300-471N1 | H410-41300-471M1 | – | |
| 125 | 45 | 37 | 320 × 220 × 180 | H412-41300-471N1 | H412-41300-471M1 | – | |

* larger terminal capacity, see page 154



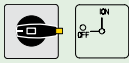
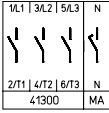
¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

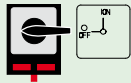
Further switching programmes as of page 132.

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black |
|--------------------------------|----------------------------------|-----------|--------------------------------------|--------------------------------------|
| Operat. current I _e | Operational power (at 380–440 V) | | | |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 |
| | | | | Order code number |
| 160 | 75 | 45 | 440 × 320 × 180 | K616-41300-077H1 |
| 160 | 75 | 45 | 440 × 320 × 255 | K616-41300-177H1 |
| 315 | 132 | 55 | 640 × 320 × 255 | K830-41300-077H1 |
| 315 | 132 | 55 | 640 × 320 × 330 | K830-41300-177H1 |

Disconnect Switches

Main Switches Enclosed Switches – Insulated Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|------------------------------------|---------------------------------------|-----------------|--------------------------------------|--|--|--|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | |  IP66 |  IP66 |  IP66 |
| | | AC-21A | AC-23A | | AC-3 | Order code number | Order code number |
| 41400 – 4 pole – without auxiliary contacts – neutral contact – early make/late break  | 20 | 5.5 | 3.7 | 125 × 100 × 85 | H216-41400-700N1 | H216-41400-700M1 | H216-41400-700V1 |
| | 20 | 5.5 | 3.7 | 175 × 115 × 100 | H216-41400-710N1 | H216-41400-710M1 | H216-41400-710V1 |
| | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41400-730N1 | H216-41400-730M1 | H216-41400-730V1 |
| | 25 | 7.5 | 5.5 | 125 × 100 × 85 | H220-41400-700N1 | H220-41400-700M1 | H220-41400-700V1 |
| | 25 | 7.5 | 5.5 | 175 × 115 × 100 | H220-41400-710N1 | H220-41400-710M1 | H220-41400-710V1 |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41400-730N1 | H220-41400-730M1 | H220-41400-730V1 |
| | 32 | 11 | 7.5 | 125 × 100 × 85 | H226-41400-700N1 | H226-41400-700M1 | H226-41400-700V1 |
| | 32 | 11 | 7.5 | 175 × 115 × 100 | H226-41400-710N1 | H226-41400-710M1 | H226-41400-710V1 |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41400-730N1 | H226-41400-730M1 | H226-41400-730V1 |
| | 40 | 15 | 11 | 175 × 115 × 100 | H233-41400-710N1 | H233-41400-710M1 | H233-41400-710V1 |
| | 40 | 15 | 11 | 175 × 115 × 100 | B240-41400-710N1*¹ | B240-41400-710M1*¹ | B240-41400-710V1*¹ |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41400-730N1 | H233-41400-730M1 | H233-41400-730V1 |
| | 40 | 15 | 11 | 250 × 160 × 120 | B240-41400-730N1* | B240-41400-730M1* | B240-41400-730V1* |
| | 50 | 18.5 | 15 | 175 × 115 × 100 | B250-41400-710N1¹ | B250-41400-710M1¹ | B250-41400-710V1¹ |
| | 50 | 18.5 | 15 | 250 × 160 × 120 | B250-41400-730N1 | B250-41400-730M1 | B250-41400-730V1 |
| | 63 | 22 | 18.5 | 175 × 115 × 100 | B263-41400-710N1¹ | B263-41400-710M1¹ | B263-41400-710V1¹ |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | B263-41400-730N1 | B263-41400-730M1 | B263-41400-730V1 |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | H406-41400-730N1* | H406-41400-730M1* | – |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | H406-41400-770N1 | H406-41400-770M1 | H406-41400-770V1 |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | H406-41400-471N1 | H406-41400-471M1 | – |
| | 80 | 30 | 22 | 250 × 160 × 120 | H408-41400-730N1 | H408-41400-730M1 | – |
| | 80 | 30 | 22 | 280 × 190 × 130 | H408-41400-770N1 | H408-41400-770M1 | H408-41400-770V1 |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-41400-471N1 | H408-41400-471M1 | – |
| | 100 | 37 | 30 | 250 × 160 × 120 | H410-41400-730N1 | H410-41400-730M1 | – |
| 100 | 37 | 30 | 280 × 190 × 130 | H410-41400-770N1 | H410-41400-770M1 | H410-41400-770V1 | |
| 100 | 37 | 30 | 320 × 220 × 180 | H410-41400-471N1 | H410-41400-471M1 | – | |
| 125 | 45 | 37 | 320 × 220 × 180 | H412-41400-471N1 | H412-41400-471M1 | – | |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black |
|------------------------------------|---------------------------------------|--------|--------------------------------------|--|
| Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | |  IP66 |
| | AC-21A | AC-23A | AC-3 | Order code number |
| 160 | 75 | 45 | 440 × 320 × 180 | K616-41400-077H1 |
| 160 | 75 | 45 | 440 × 320 × 255 | K616-41400-177H1 |
| 315 | 132 | 55 | 640 × 320 × 255 | K830-41400-077H1 |
| 315 | 132 | 55 | 640 × 320 × 330 | K830-41400-177H1 |

* larger terminal capacity, see page 154




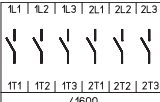
¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

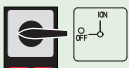
Further switching programmes from page 132.

Disconnect Switches



Main Switches Enclosed Switches – Insulated Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|------------------------|----------------------------------|-----------------|--------------------------------------|--|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 175 × 115 × 100 | H216-41600-720N1 | H216-41600-720M1 | H216-41600-720V1 |
| | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41600-733N1 | H216-41600-733M1 | H216-41600-733V1 |
| | 25 | 7.5 | 5.5 | 175 × 115 × 100 | H220-41600-720N1 | H220-41600-720M1 | H220-41600-720V1 |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41600-733N1 | H220-41600-733M1 | H220-41600-733V1 |
| | 32 | 11 | 7.5 | 175 × 115 × 100 | H226-41600-720N1 | H226-41600-720M1 | H226-41600-720V1 |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41600-733N1 | H226-41600-733M1 | H226-41600-733V1 |
| | 40 | 15 | 11 | 175 × 115 × 100 | H233-41600-720N1 | H233-41600-720M1 | H233-41600-720V1 |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41600-733N1 | H233-41600-733M1 | H233-41600-733V1 |
| | 40 | 15 | 11 | 320 × 220 × 180 | B240-41600-977N1 | B240-41600-977M1 | – |
| | 50 | 18.5 | 15 | 320 × 220 × 180 | B250-41600-977N1 | B250-41600-977M1 | – |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | B263-41600-977N1 | B263-41600-977M1 | – |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-41600-977N1* | H406-41600-977M1* | – |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-41600-577N1 | H406-41600-577M1 | – |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-41600-977N1 | H408-41600-977M1 | – |
| | 80 | 30 | 22 | 440 × 320 × 180 | H408-41600-577N1 | H408-41600-577M1 | – |
| | 100 | 37 | 30 | 320 × 220 × 180 | H410-41600-977N1 | H410-41600-977M1 | – |
| 100 | 37 | 30 | 440 × 320 × 180 | H410-41600-577N1 | H410-41600-577M1 | – | |
| 125 | 45 | 37 | 320 × 220 × 180 | H412-41600-977N1 | H412-41600-977M1 | – | |
| 125 | 45 | 37 | 440 × 320 × 180 | H412-41600-577N1 | H412-41600-577M1 | – | |



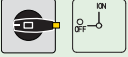
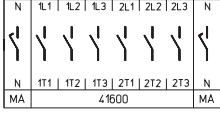
| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black |
|------------------------|----------------------------------|-----------|--------------------------------------|--|
| Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |
| 160 | 75 | 45 | 440 × 320 × 255 | K616-41600-177H1 |
| 315 | 132 | 55 | 640 × 320 × 330 | K830-41600-177H1 |

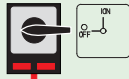
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

Main Switches Enclosed Switches – Insulated Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|--|--------------------------------|----------------------------------|-----------------|--------------------------------------|---|---|---|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  |  |  |
| | | AC-21A (A) | AC-23A (kW) | | AC-3 (kW) | IP66 | IP66 |
| | | | | | Order code number | Order code number | Order code number |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41800-733N1 | H216-41800-733M1 | H216-41800-733V1 |
| | 20 | 5.5 | 3.7 | 280 × 190 × 130 | H216-41800-770N1 | H216-41800-770M1 | H216-41800-770V1 |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41800-733N1 | H220-41800-733M1 | H220-41800-733V1 |
| | 25 | 7.5 | 5.5 | 280 × 190 × 130 | H220-41800-770N1 | H220-41800-770M1 | H220-41800-770V1 |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41800-733N1 | H226-41800-733M1 | H226-41800-733V1 |
| | 32 | 11 | 7.5 | 280 × 190 × 130 | H226-41800-770N1 | H226-41800-770M1 | H226-41800-770V1 |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41800-733N1 | H233-41800-733M1 | H233-41800-733V1 |
| | 40 | 15 | 11 | 280 × 190 × 130 | H233-41800-770N1 | H233-41800-770M1 | H233-41800-770V1 |
| | 40 | 15 | 11 | 280 × 190 × 130 | B240-41800-770N1*¹ | B240-41800-770M1*¹ | B240-41800-770V1*¹ |
| | 40 | 15 | 11 | 320 × 220 × 180 | B240-41800-977N1 | B240-41800-977M1 | – |
| | 50 | 18.5 | 15 | 280 × 190 × 130 | B250-41800-770N1¹ | B250-41800-770M1¹ | B250-41800-770V1¹ |
| | 50 | 18.5 | 15 | 320 × 220 × 180 | B250-41800-977N1 | B250-41800-977M1 | – |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | B263-41800-770N1¹ | B263-41800-770M1¹ | B263-41800-770V1¹ |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | B263-41800-977N1 | B263-41800-977M1 | – |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | H406-41800-977N1* | H406-41800-977M1* | – |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-41800-577N1 | H406-41800-577M1 | – |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-41800-977N1 | H408-41800-977M1 | – |
| | 80 | 30 | 22 | 440 × 320 × 180 | H408-41800-577N1 | H408-41800-577M1 | – |
| | 100 | 37 | 30 | 320 × 220 × 180 | H410-41800-977N1 | H410-41800-977M1 | – |
| | 100 | 37 | 30 | 440 × 320 × 180 | H410-41800-577N1 | H410-41800-577M1 | – |
| 125 | 45 | 37 | 320 × 220 × 180 | H412-41800-977N1 | H412-41800-977M1 | – | |
| 125 | 45 | 37 | 440 × 320 × 180 | H412-41800-577N1 | H412-41800-577M1 | – | |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black |
|--------------------------------|----------------------------------|-------------|--------------------------------------|---|
| Operat. current I _e | Operational power (at 380–440 V) | | |  |
| | AC-21A (A) | AC-23A (kW) | | AC-3 (kW) |
| | | | | Order code number |
| 160 | 75 | 45 | 440 × 320 × 255 | K616-41800-177H1 |
| 315 | 132 | 55 | 640 × 320 × 330 | K830-41800-177H1 |

* larger terminal capacity, see page 154

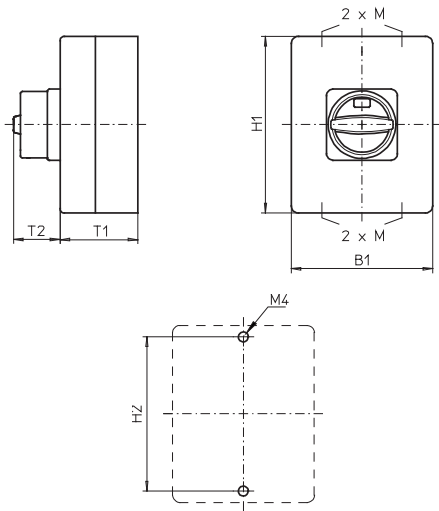
¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

Further switching programmes from page 132.

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| H216 | 41400 | 700M1 |
| Order code no. | H216-41400-700M1 | |



Insulated enclosures **125 × 100 × 85 mm**
and **175 × 115 × 100 mm**:

Types H216 / H220 / H226 / H233 / B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 700M1 | 125 | 100 | 85 | 38 | 20/25 | 115 |
| 700N1 | 125 | 100 | 85 | 33 | 20/25 | 115 |
| 700V1 | 125 | 100 | 85 | 32 | 20/25 | 115 |
| 710M1 | 175 | 115 | 100 | 38 | 20/25 | 165 |
| 710N1 | 175 | 115 | 100 | 33 | 20/25 | 165 |
| 710V1 | 175 | 115 | 100 | 39 | 20/25 | 165 |
| 720M1 | 175 | 115 | 100 | 38 | 20/25 | 165 |
| 720N1 | 175 | 115 | 100 | 33 | 20/25 | 165 |
| 720V1 | 175 | 115 | 100 | 39 | 20/25 | 165 |

Insulated enclosure **250 × 160 × 120 mm**:

Types H216 / H220 / H226 / H233:

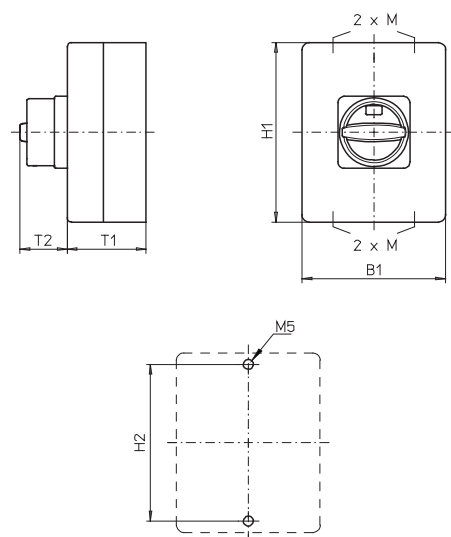
| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 730M1 | 250 | 160 | 120 | 38 | 32/40 | 235 |
| 730N1 | 250 | 160 | 120 | 33 | 32/40 | 235 |
| 730V1 | 250 | 160 | 120 | 39 | 32/40 | 235 |
| 733M1 | 250 | 160 | 120 | 38 | 32/40 | 235 |
| 733N1 | 250 | 160 | 120 | 33 | 32/40 | 235 |
| 733V1 | 250 | 160 | 120 | 39 | 32/40 | 235 |

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 730M1 | 250 | 160 | 120 | 50 | 32/40 | 235 |
| 730N1 | 250 | 160 | 120 | 45 | 32/40 | 235 |
| 730V1 | 250 | 160 | 120 | 39 | 32/40 | 235 |

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 730M1 | 250 | 160 | 120 | 50 | 32/40 | 235 |
| 730N1 | 250 | 160 | 120 | 45 | 32/40 | 235 |



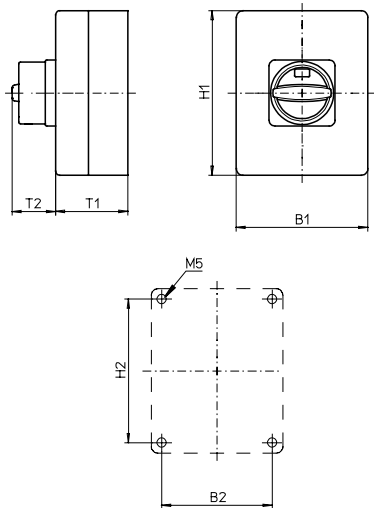
Disconnect Switches

Main Switches Enclosed Switches – Insulated Enclosure

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| H406 | 41300 | 770M1 |
| Order code no. | H406-41300-770M1 | |



Insulated enclosures **280 × 190 × 130 mm**
and **320 × 220 × 180 mm**:

Types H216 / H220 / H226 / H233 / B240 / B250 / B263 /
H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 | B2 |
|-----------|-----|-----|-----|----|----------------|-----|-----|
| 770M1 | 280 | 190 | 130 | 50 | 40×1.5 | 254 | 164 |
| 770N1 | 280 | 190 | 130 | 45 | 40×1.5 | 254 | 164 |
| 770V1 | 280 | 190 | 130 | 39 | 40×1.5 | 254 | 164 |
| 471M1 | 320 | 220 | 180 | 50 | – ¹ | 293 | 193 |
| 471N1 | 320 | 220 | 180 | 45 | – ¹ | 293 | 193 |
| 977M1 | 320 | 220 | 180 | 50 | – ¹ | 293 | 193 |
| 977N1 | 320 | 220 | 180 | 45 | – ¹ | 293 | 193 |

¹ Blank gland plates

Insulated enclosures **440 × 320 × 180 mm /**
440 × 320 × 255 mm / 640 × 320 × 255 mm /
640 × 320 × 330 mm:

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 577M1 | 440 | 320 | 180 | 50 | 480 | 293 |
| 577N1 | 440 | 320 | 180 | 45 | 480 | 293 |

Type K616:

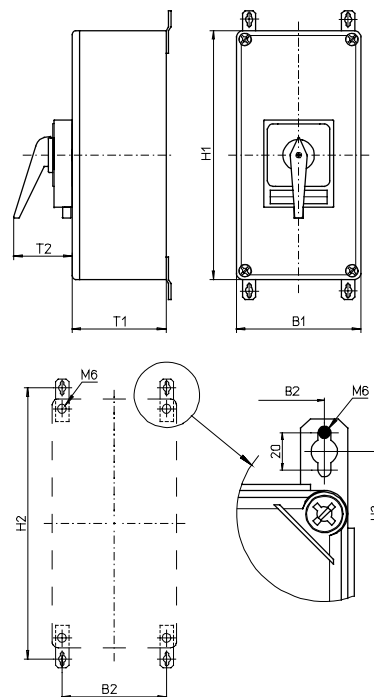
| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 077H1 | 440 | 320 | 180 | 83 | 480 | 293 |
| 177H1 | 440 | 320 | 255 | 83 | 480 | 293 |

Type K830:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 077H1 | 640 | 320 | 255 | 93 | 680 | 293 |
| 177H1 | 640 | 320 | 330 | 93 | 680 | 293 |

Further switching programmes and corresponding dimensions for types K on request.

Blank gland plates



Mounting brackets are included.

Main Switches

- Enclosed switches with insulated enclosure (polycarbonate)
- EMV/EMC application, connection system for the uninterrupted connection of shielded/screened cables consisting of shroud and 4 shroud clamps \varnothing 12–16 mm
- Cover interlock in ON position
- 3 up to 6 pole
- 20 A up to 63 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H x W x D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|--|---------------------------|---------------------------------------|------|--------------------------------------|-------------------------------|-------------------------------|--|
| | Operat. current I_e (A) | Operational power (at 380–440 V) (kW) | | | | | |
| 41300 – 3 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 175 x 115 x 100 | | | |
| | 25 | 7.5 | 5.5 | 175 x 115 x 100 | | | |
| | 32 | 11 | 7.5 | 175 x 115 x 100 | | | |
| | 40 | 15 | 11 | 175 x 115 x 100 | | | |
| | 40 | 15 | 11 | 175 x 115 x 100 | | | |
| | 50 | 18.5 | 15 | 175 x 115 x 100 | | | |
| | 63 | 22 | 18.5 | 175 x 115 x 100 | | | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break | 20 | 5.5 | 3.7 | 175 x 115 x 100 | | | |
| | 25 | 7.5 | 5.5 | 175 x 115 x 100 | | | |
| | 32 | 11 | 7.5 | 175 x 115 x 100 | | | |
| | 40 | 15 | 11 | 175 x 115 x 100 | | | |
| | 40 | 15 | 11 | 175 x 115 x 100 | | | |
| | 50 | 18.5 | 15 | 175 x 115 x 100 | | | |
| | 63 | 22 | 18.5 | 175 x 115 x 100 | | | |
| 41600 – 6 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 175 x 115 x 100 | | | |
| | 25 | 7.5 | 5.5 | 175 x 115 x 100 | | | |
| | 32 | 11 | 7.5 | 175 x 115 x 100 | | | |
| | 40 | 15 | 11 | 175 x 115 x 100 | | | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

Types H216 / H220 / H226 / H233 / B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | 2xM | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 715M1 | 175 | 115 | 100 | 38 | 20/25 | 165 |
| 715N1 | 175 | 115 | 100 | 33 | 20/25 | 165 |
| 715V1 | 175 | 115 | 100 | 39 | 20/25 | 165 |
| 725M1 | 175 | 115 | 100 | 38 | 20/25 | 165 |
| 725N1 | 175 | 115 | 100 | 33 | 20/25 | 165 |
| 725V1 | 175 | 115 | 100 | 39 | 20/25 | 165 |



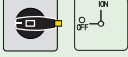

Disconnect Switches


Main Switches Enclosed Switches – Mild Steel Enclosure

Main Switches

- Enclosed switches with mild steel enclosure (powder coated – RAL 7035)
- Cover interlock in ON position
- 3 up to 8 pole
- 20 A up to 315 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|--------------------------------|----------------------------------|-----------------|--------------------------------------|--|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41300-087N1 | H216-41300-087M1 | H216-41300-087V1 |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41300-187N1 | H216-41300-187M1 | H216-41300-187V1 |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41300-087N1 | H220-41300-087M1 | H220-41300-087V1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41300-187N1 | H220-41300-187M1 | H220-41300-187V1 |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41300-087N1 | H226-41300-087M1 | H226-41300-087V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41300-187N1 | H226-41300-187M1 | H226-41300-187V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41300-187N1 | H233-41300-187M1 | H233-41300-187V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41300-087N1* | B240-41300-087M1* | B240-41300-087V1* |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41300-087N1 | B250-41300-087M1 | B250-41300-087V1 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41300-087N1 | B263-41300-087M1 | B263-41300-087V1 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41300-987N1* | H406-41300-987M1* | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41300-187N1 | H406-41300-187M1 | – |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41300-182N1¹ | H406-41300-182M1¹ | – |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41300-987N1 | H408-41300-987M1 | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41300-187N1 | H408-41300-187M1 | – |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41300-182N1¹ | H408-41300-182M1¹ | – |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-41300-187N1 | H410-41300-187M1 | – | |
| 100 | 37 | 30 | 400 × 300 × 155 | H410-41300-182N1¹ | H410-41300-182M1¹ | – | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41300-187N1 | H412-41300-187M1 | – | |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-41300-182N1¹ | H412-41300-182M1¹ | – | |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black | |
|--------------------------------|----------------------------------|-----------|--------------------------------------|--|-------------------|
| Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 | Order code number |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | |
| 160 | 75 | 45 | 500 × 400 × 300 | K616-41300-187H1¹ | |
| 315 | 132 | 55 | 600 × 400 × 300 | K830-41300-187H1¹ | |
| 315 | 132 | 55 | 800 × 400 × 300 | K830-41300-287H1¹ | |

* larger terminal capacity, see page 154




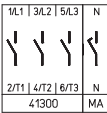
¹ hinged door

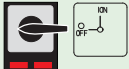
Further switching programmes from page 132.

Disconnect Switches



Main Switches Enclosed Switches – Mild Steel Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|--------------------------------|----------------------------------|-----------------|--------------------------------------|--|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41400 – 4 pole – without auxiliary contacts – neutral contact – early make/late break  | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41400-087N1 | H216-41400-087M1 | H216-41400-087V1 |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41400-187N1 | H216-41400-187M1 | H216-41400-187V1 |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41400-087N1 | H220-41400-087M1 | H220-41400-087V1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41400-187N1 | H220-41400-187M1 | H220-41400-187V1 |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41400-087N1 | H226-41400-087M1 | H226-41400-087V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41400-187N1 | H226-41400-187M1 | H226-41400-187V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41400-187N1 | H233-41400-187M1 | H233-41400-187V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41400-087N1* | B240-41400-087M1* | B240-41400-087V1* |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41400-087N1 | B250-41400-087M1 | B250-41400-087V1 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41400-087N1 | B263-41400-087M1 | B263-41400-087V1 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41400-987N1* | H406-41400-987M1* | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41400-187N1 | H406-41400-187M1 | – |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41400-182N1¹ | H406-41400-182M1¹ | – |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41400-987N1 | H408-41400-987M1 | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41400-187N1 | H408-41400-187M1 | – |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41400-182N1¹ | H408-41400-182M1¹ | – |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-41400-187N1 | H410-41400-187M1 | – | |
| 100 | 37 | 30 | 400 × 300 × 155 | H410-41400-182N1¹ | H410-41400-182M1¹ | – | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41400-187N1 | H412-41400-187M1 | – | |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-41400-182N1¹ | H412-41400-182M1¹ | – | |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black |
|--------------------------------|----------------------------------|-----------|--------------------------------------|--|
| Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |
| 160 | 75 | 45 | 500 × 400 × 300 | K616-41400-187H1¹ |
| 315 | 132 | 55 | 600 × 400 × 300 | K830-41400-187H1¹ |
| 315 | 132 | 55 | 800 × 400 × 300 | K830-41400-287H1¹ |



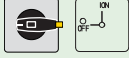
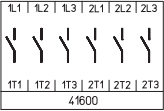
* larger terminal capacity, see page 154

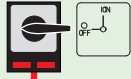
¹ hinged door

Further switching programmes from page 132.

Disconnect Switches

Main Switches Enclosed Switches – Mild Steel Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|--------------------------------|----------------------------------|-----------|--------------------------------------|--|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41600-187N1 | H216-41600-187M1 | H216-41600-187V1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41600-187N1 | H220-41600-187M1 | H220-41600-187V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41600-187N1 | H226-41600-187M1 | H226-41600-187V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41600-187N1 | H233-41600-187M1 | H233-41600-187V1 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41600-187N1 | B240-41600-187M1 | – |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41600-187N1 | B250-41600-187M1 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41600-187N1 | B263-41600-187M1 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41600-187N1* | H406-41600-187M1* | – |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41600-182N1¹ | H406-41600-182M1¹ | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41600-187N1 | H408-41600-187M1 | – |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41600-182N1¹ | H408-41600-182M1¹ | – |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41600-187N1 | H410-41600-187M1 | – |
| | 100 | 37 | 30 | 400 × 300 × 155 | H410-41600-182N1¹ | H410-41600-182M1¹ | – |
| | 125 | 45 | 37 | 300 × 250 × 150 | H412-41600-187N1 | H412-41600-187M1 | – |
| | 125 | 45 | 37 | 400 × 300 × 155 | H412-41600-182N1¹ | H412-41600-182M1¹ | – |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black |
|--------------------------------|----------------------------------|-----------|--------------------------------------|--|
| Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |
| 160 | 75 | 45 | 500 × 400 × 300 | K616-41600-187H1¹ |
| 315 | 132 | 55 | 600 × 400 × 300 | K830-41600-187H1¹ |
| 315 | 132 | 55 | 800 × 400 × 300 | K830-41600-287H1¹ |

* larger terminal capacity, see page 154


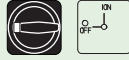

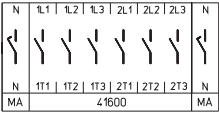
¹ hinged door


Further switching programmes from page 132.

Disconnect Switches



Main Switches Enclosed Switches – Mild Steel Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|--|--------------------------------|----------------------------------|-----------|--------------------------------------|--|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |  IP66 |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts – early make/late break  | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41800-187N1 | H216-41800-187M1 | H216-41800-187V1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41800-187N1 | H220-41800-187M1 | H220-41800-187V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41800-187N1 | H226-41800-187M1 | H226-41800-187V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41800-187N1 | H233-41800-187M1 | H233-41800-187V1 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41800-187N1 | B240-41800-187M1 | – |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41800-187N1 | B250-41800-187M1 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41800-187N1 | B263-41800-187M1 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41800-187N1* | H406-41800-187M1* | – |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41800-182N1¹ | H406-41800-182M1¹ | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41800-187N1 | H408-41800-187M1 | – |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41800-182N1¹ | H408-41800-182M1¹ | – |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41800-187N1 | H410-41800-187M1 | – |
| | 100 | 37 | 30 | 400 × 300 × 155 | H410-41800-182N1¹ | H410-41800-182M1¹ | – |
| | 125 | 45 | 37 | 300 × 250 × 150 | H412-41800-187N1 | H412-41800-187M1 | – |
| | 125 | 45 | 37 | 400 × 300 × 155 | H412-41800-182N1¹ | H412-41800-182M1¹ | – |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black |
|--------------------------------|----------------------------------|-----------|--------------------------------------|--|
| Operat. current I _e | Operational power (at 380–440 V) | | |  IP66 |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |
| 160 | 75 | 45 | 500 × 400 × 300 | K616-41800-187H1¹ |
| 315 | 132 | 55 | 600 × 400 × 300 | K830-41800-187H1¹ |
| 315 | 132 | 55 | 800 × 400 × 300 | K830-41800-287H1¹ |

* larger terminal capacity, see page 154

¹ hinged door

Further switching programmes from page 132.

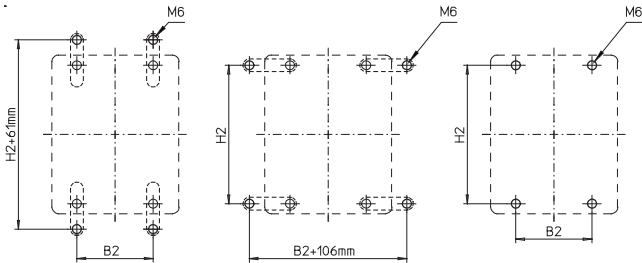
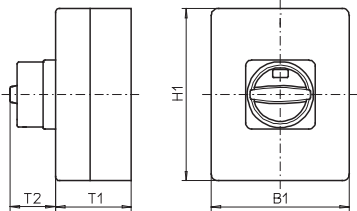
Disconnect Switches

Main Switches Enclosed Switches – Mild Steel Enclosure

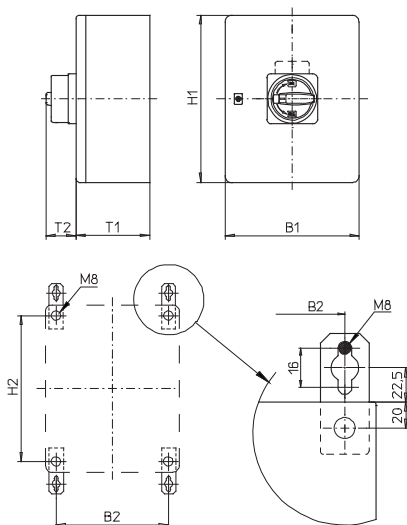
Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| H216 | 41400 | 087M1 |
| Order code no. | H216-41400-087M1 | |



Please order mounting brackets separately, see page 148.



Please order mounting brackets separately, see page 148.

Mild steel enclosure **150 × 150 × 120 mm / 200 × 150 × 120 mm / 300 × 250 × 150 mm:**

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|----|
| 087M1 | 150 | 150 | 120 | 38 | 132 | 85 |
| 087N1 | 150 | 150 | 120 | 33 | 132 | 85 |
| 087V1 | 150 | 150 | 120 | 39 | 132 | 85 |
| 187M1 | 200 | 150 | 120 | 38 | 182 | 85 |
| 187N1 | 200 | 150 | 120 | 33 | 182 | 85 |
| 187V1 | 200 | 150 | 120 | 39 | 182 | 85 |

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 087M1 | 200 | 150 | 120 | 38 | 182 | 85 |
| 087N1 | 200 | 150 | 120 | 33 | 182 | 85 |
| 087V1 | 200 | 150 | 120 | 39 | 182 | 85 |
| 187M1 | 300 | 250 | 150 | 50 | 282 | 185 |
| 187N1 | 300 | 250 | 150 | 45 | 282 | 185 |

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 187M1 | 300 | 250 | 150 | 50 | 282 | 185 |
| 187N1 | 300 | 250 | 150 | 45 | 282 | 185 |
| 987M1 | 200 | 150 | 120 | 50 | 182 | 85 |
| 987N1 | 200 | 150 | 120 | 45 | 182 | 85 |

Mild steel enclosure **400 × 300 × 155 mm:**

Types H406 / H408 / H410 / H412:

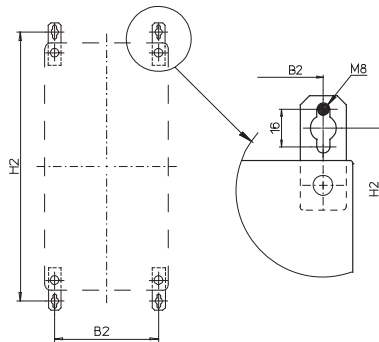
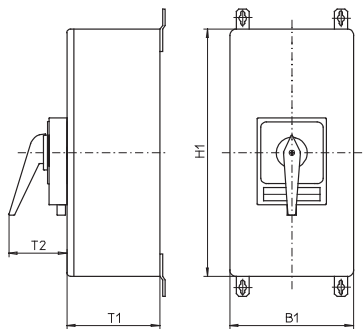
| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 182M1 | 400 | 300 | 155 | 50 | 360 | 260 |
| 182N1 | 400 | 300 | 155 | 45 | 360 | 260 |

Gland plate at the bottom

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| K616 | 41300 | 187H1 |
| Order code no. | K616-41300-187H1 | |



Mounting brackets are included.

Mild steel enclosure **500 × 400 × 300 mm / 600 × 400 × 300 mm / 800 × 400 × 300 mm:**

Type K616:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 187H1 | 500 | 400 | 300 | 83 | 545 | 360 |

Type K830:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 187H1 | 600 | 400 | 300 | 93 | 645 | 360 |
| 287H1 | 800 | 400 | 300 | 93 | 845 | 360 |

Further switching programmes and corresponding dimensions for types K on request.

Gland plate at the bottom







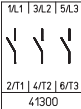
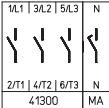
Disconnect Switches

Main Switches Enclosed Switches – Stainless Steel Enclosure

Main Switches

- Enclosed switches with stainless steel enclosure (brushed)
- Cover interlock in ON position
- 3 up to 8 pole
- 20 A up to 125 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|------------------------------------|---------------------------------------|-----------------|--------------------------------------|---|---|---|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | |   |   |   |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 | IP66 |
| | | | | | Order code number | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41300-097N1 | H216-41300-097M1 | H216-41300-097V1 |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41300-197N1 | H216-41300-197M1 | H216-41300-197V1 |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41300-097N1 | H220-41300-097M1 | H220-41300-097V1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41300-197N1 | H220-41300-197M1 | H220-41300-197V1 |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41300-097N1 | H226-41300-097M1 | H226-41300-097V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41300-197N1 | H226-41300-197M1 | H226-41300-197V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41300-197N1 | H233-41300-197M1 | H233-41300-197V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41300-097N1* | B240-41300-097M1* | B240-41300-097V1* |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41300-097N1 | B250-41300-097M1 | B250-41300-097V1 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41300-097N1 | B263-41300-097M1 | B263-41300-097V1 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41300-997N1* | H406-41300-997M1* | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41300-197N1 | H406-41300-197M1 | – |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41300-997N1 | H408-41300-997M1 | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41300-197N1 | H408-41300-197M1 | – |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-41300-197N1 | H410-41300-197M1 | – | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41300-197N1 | H412-41300-197M1 | – | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact – early make/late break  | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41400-097N1 | H216-41400-097M1 | H216-41400-097V1 |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41400-197N1 | H216-41400-197M1 | H216-41400-197V1 |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41400-097N1 | H220-41400-097M1 | H220-41400-097V1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41400-197N1 | H220-41400-197M1 | H220-41400-197V1 |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41400-097N1 | H226-41400-097M1 | H226-41400-097V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41400-197N1 | H226-41400-197M1 | H226-41400-197V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41400-197N1 | H233-41400-197M1 | H233-41400-197V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41400-097N1* | B240-41400-097M1* | B240-41400-097V1* |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41400-097N1 | B250-41400-097M1 | B250-41400-097V1 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41400-097N1 | B263-41400-097M1 | B263-41400-097V1 |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41400-997N1* | H406-41400-997M1* | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41400-197N1 | H406-41400-197M1 | – |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41400-997N1 | H408-41400-997M1 | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41400-197N1 | H408-41400-197M1 | – |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-41400-197N1 | H410-41400-197M1 | – | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41400-197N1 | H412-41400-197M1 | – | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device N-handle black | Padlock device M-handle black | Padlockable handle V-handle silver/black |
|---|--------------------------------|----------------------------------|-----------------|--------------------------------------|-------------------------------|-------------------------------|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | | IP66 | IP66 | IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 41600 – 6 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41600-197N1 | H216-41600-197M1 | H216-41600-197V1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41600-197N1 | H220-41600-197M1 | H220-41600-197V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41600-197N1 | H226-41600-197M1 | H226-41600-197V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41600-197N1 | H233-41600-197M1 | H233-41600-197V1 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41600-197N1 | B240-41600-197M1 | – |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41600-197N1 | B250-41600-197M1 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41600-197N1 | B263-41600-197M1 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41600-197N1* | H406-41600-197M1* | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41600-197N1 | H408-41600-197M1 | – |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41600-197N1 | H410-41600-197M1 | – |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41600-197N1 | H412-41600-197M1 | – | |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41800-197N1 | H216-41800-197M1 | H216-41800-197V1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41800-197N1 | H220-41800-197M1 | H220-41800-197V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41800-197N1 | H226-41800-197M1 | H226-41800-197V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41800-197N1 | H233-41800-197M1 | H233-41800-197V1 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41800-197N1 | B240-41800-197M1 | – |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41800-197N1 | B250-41800-197M1 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41800-197N1 | B263-41800-197M1 | – |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41800-197N1* | H406-41800-197M1* | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41800-197N1 | H408-41800-197M1 | – |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41800-197N1 | H410-41800-197M1 | – |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41800-197N1 | H412-41800-197M1 | – | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| B263 | 41800 | 197V1 |
| Order code no. | B263-41800-197V1 | |

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|----|
| 097M1 | 150 | 150 | 120 | 38 | 132 | 85 |
| 097N1 | 150 | 150 | 120 | 33 | 132 | 85 |
| 097V1 | 150 | 150 | 120 | 39 | 132 | 85 |
| 197M1 | 200 | 150 | 120 | 38 | 182 | 85 |
| 197N1 | 200 | 150 | 120 | 33 | 182 | 85 |
| 197V1 | 200 | 150 | 120 | 39 | 182 | 85 |

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 097M1 | 200 | 150 | 120 | 38 | 182 | 85 |
| 097N1 | 200 | 150 | 120 | 33 | 182 | 85 |
| 097V1 | 200 | 150 | 120 | 39 | 182 | 85 |
| 197M1 | 300 | 250 | 150 | 50 | 282 | 185 |
| 197N1 | 300 | 250 | 150 | 45 | 282 | 185 |

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 197M1 | 300 | 250 | 150 | 50 | 282 | 185 |
| 197N1 | 300 | 250 | 150 | 45 | 282 | 185 |
| 997M1 | 200 | 150 | 120 | 50 | 182 | 85 |
| 997N1 | 200 | 150 | 120 | 45 | 182 | 85 |

Please order mounting brackets separately, see page 148.


Disconnect Switches

ON-OFF Switches Front mounting Four hole mounting

ON-OFF Switches

- Front mounting switches with four hole mounting
- 3 up to 8 pole
- 20 A up to 315 A
- IP66 / IP55





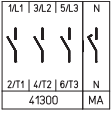
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | M-handle silver/black | G-handle silver/black |
|---|--------------------------------|----------------------------------|-----------|----------------------------|--------------------------|-----------------------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | IP66 | IP55 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 36 × 36 | H216-41300-003M1 | – |
| | 20 | 5.5 | 3.7 | 48 × 48 | H216-41300-013M1 | – |
| | 25 | 7.5 | 5.5 | 36 × 36 | H220-41300-003M1 | – |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41300-013M1 | – |
| | 32 | 11 | 7.5 | 36 × 36 | H226-41300-003M1 | – |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41300-013M1 | – |
| | 40 | 15 | 11 | 36 × 36 | H233-41300-003M1 | – |
| | 40 | 15 | 11 | 36 × 36 | B240-41300-003M1* | – |
| | 40 | 15 | 11 | 48 × 48 | H233-41300-013M1 | – |
| | 40 | 15 | 11 | 48 × 48 | B240-41300-013M1* | – |
| | 50 | 18.5 | 15 | 36 × 36 | B250-41300-003M1 | – |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41300-013M1 | – |
| | 63 | 22 | 18.5 | 36 × 36 | B263-41300-003M1 | – |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41300-013M1 | – |
| | 63 | 22 | 18.5 | 48 × 48 | H406-41300-003M1* | – |
| | 63 | 22 | 18.5 | 68 × 68 | H406-41300-013M1 | – |
| | 80 | 30 | 22 | 48 × 48 | H408-41300-003M1 | – |
| | 80 | 30 | 22 | 68 × 68 | H408-41300-013M1 | – |
| | 100 | 37 | 30 | 48 × 48 | H410-41300-003M1 | – |
| | 100 | 37 | 30 | 68 × 68 | H410-41300-013M1 | – |
| 125 | 45 | 37 | 48 × 48 | H412-41300-003M1 | – | |
| 125 | 45 | 37 | 68 × 68 | H412-41300-013M1 | – | |
| 160 | 75 | 45 | 68 × 68 | – | K616-41300-003G1 | |
| 160 | 75 | 45 | 104 × 104 | – | K616-41300-013G1 | |
| 315 | 132 | 55 | 104 × 104 | – | K830-41300-003G1 | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

ON-OFF Switches Front mounting Four hole mounting

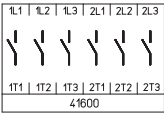
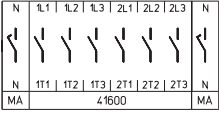
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | M-handle silver/black | G-handle silver/black | |
|---|------------------------|----------------------------------|-------------|--------------------------------|---|---|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |  IP55 | |
| | | AC-21A (A) | AC-23A (kW) | | | | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break  | 20 | 5.5 | 3.7 | 36 × 36 | H216-41400-003M1 | – | |
| | 20 | 5.5 | 3.7 | 48 × 48 | H216-41400-013M1 | – | |
| | 25 | 7.5 | 5.5 | 36 × 36 | H220-41400-003M1 | – | |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41400-013M1 | – | |
| | 32 | 11 | 7.5 | 36 × 36 | H226-41400-003M1 | – | |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41400-013M1 | – | |
| | 40 | 15 | 11 | 36 × 36 | H233-41400-003M1 | – | |
| | 40 | 15 | 11 | 36 × 36 | B240-41400-003M1* | – | |
| | 40 | 15 | 11 | 48 × 48 | H233-41400-013M1 | – | |
| | 40 | 15 | 11 | 48 × 48 | B240-41400-013M1* | – | |
| | 50 | 18.5 | 15 | 36 × 36 | B250-41400-003M1 | – | |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41400-013M1 | – | |
| | 63 | 22 | 18.5 | 36 × 36 | B263-41400-003M1 | – | |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41400-013M1 | – | |
| | 63 | 22 | 18.5 | 48 × 48 | H406-41400-003M1* | – | |
| | 63 | 22 | 18.5 | 68 × 68 | H406-41400-013M1 | – | |
| | 80 | 30 | 22 | 48 × 48 | H408-41400-003M1 | – | |
| | 80 | 30 | 22 | 68 × 68 | H408-41400-013M1 | – | |
| | 100 | 37 | 30 | 48 × 48 | H410-41400-003M1 | – | |
| | 100 | 37 | 30 | 68 × 68 | H410-41400-013M1 | – | |
| | 125 | 45 | 37 | 48 × 48 | H412-41400-003M1 | – | |
| 125 | 45 | 37 | 68 × 68 | H412-41400-013M1 | – | | |
| 160 | 75 | 45 | 68 × 68 | – | K616-41400-003G1 | | |
| 160 | 75 | 45 | 104 × 104 | – | K616-41400-013G1 | | |
| 315 | 132 | 55 | 104 × 104 | – | K830-41400-003G1 | | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

ON-OFF Switches Front mounting Four hole mounting

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | M-handle silver/black | G-handle silver/black | |
|---|--|----------------------------------|-----------|--------------------------------|--------------------------|-------------------------|---|
| | Operat. current I_e | Operational power (at 380–440 V) | | | IP66 | IP55 | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 48 × 48 | H216-41600-013M1 | – | |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-41600-013M1 | – | |
| | 32 | 11 | 7.5 | 48 × 48 | H226-41600-013M1 | – | |
| | 40 | 15 | 11 | 48 × 48 | H233-41600-013M1 | – | |
| | 40 | 15 | 11 | 48 × 48 | B240-41600-013M1* | – | |
| | 50 | 18.5 | 15 | 48 × 48 | B250-41600-013M1 | – | |
| | 63 | 22 | 18.5 | 48 × 48 | B263-41600-013M1 | – | |
| | 63 | 22 | 18.5 | 48 × 48 | H406-41600-003M1* | – | |
| | 63 | 22 | 18.5 | 68 × 68 | H406-41600-013M1 | – | |
| | 80 | 30 | 22 | 48 × 48 | H408-41600-003M1 | – | |
| | 80 | 30 | 22 | 68 × 68 | H408-41600-013M1 | – | |
| | 100 | 37 | 30 | 48 × 48 | H410-41600-003M1 | – | |
| | 100 | 37 | 30 | 68 × 68 | H410-41600-013M1 | – | |
| | 125 | 45 | 37 | 48 × 48 | H412-41600-003M1 | – | |
| | 125 | 45 | 37 | 68 × 68 | H412-41600-013M1 | – | |
| | 160 | 75 | 45 | 68 × 68 | – | K616-41600-003G1 | |
| | 160 | 75 | 45 | 104 × 104 | – | K616-41600-013G1 | |
| | 315 | 132 | 55 | 104 × 104 | – | K830-41600-003G1 | |
| | 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | 48 × 48 | H216-41800-013M1 | – |
| 25 | | 7.5 | 5.5 | 48 × 48 | H220-41800-013M1 | – | |
| 32 | | 11 | 7.5 | 48 × 48 | H226-41800-013M1 | – | |
| 40 | | 15 | 11 | 48 × 48 | H233-41800-013M1 | – | |
| 40 | | 15 | 11 | 48 × 48 | B240-41800-013M1* | – | |
| 50 | | 18.5 | 15 | 48 × 48 | B250-41800-013M1 | – | |
| 63 | | 22 | 18.5 | 48 × 48 | B263-41800-013M1 | – | |
| 63 | | 22 | 18.5 | 48 × 48 | H406-41800-003M1* | – | |
| 63 | | 22 | 18.5 | 68 × 68 | H406-41800-013M1 | – | |
| 80 | | 30 | 22 | 48 × 48 | H408-41800-003M1 | – | |
| 80 | | 30 | 22 | 68 × 68 | H408-41800-013M1 | – | |
| 100 | | 37 | 30 | 48 × 48 | H410-41800-003M1 | – | |
| 100 | | 37 | 30 | 68 × 68 | H410-41800-013M1 | – | |
| 125 | | 45 | 37 | 48 × 48 | H412-41800-003M1 | – | |
| 125 | | 45 | 37 | 68 × 68 | H412-41800-013M1 | – | |
| 160 | | 75 | 45 | 68 × 68 | – | K616-41800-003G1 | |
| 160 | | 75 | 45 | 104 × 104 | – | K616-41800-013G1 | |
| 315 | | 132 | 55 | 104 × 104 | – | K830-41800-003G1 | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

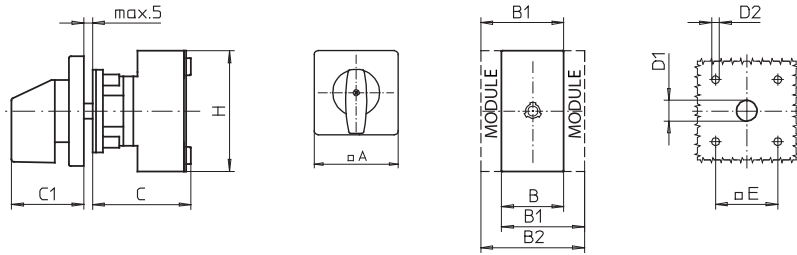
Disconnect Switches



ON-OFF Switches **Front mounting** Four hole mounting

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H406 | 41800 | 013M1 |
| Order code no. | H406-41800-013M1 | |



Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|-----|----|----|
| 003M1 | 48 | 36 | 48 | 60 | 58 | 32 | 12 | 4.5 | 36 | 70 |
| 013M1 | 64 | 36 | 48 | 60 | 58 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|-----|----|----|
| 003M1 | 48 | 50 | 69 | 88 | 58 | 32 | 12 | 4.5 | 36 | 72 |
| 013M1 | 64 | 50 | 69 | 88 | 58 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|-----|----|----|----|-----|----|----|
| 003M1 | 64 | 70 | 89 | 108 | 73 | 39 | 15 | 5 | 48 | 80 |
| 013M1 | 88 | 70 | 89 | 108 | 73 | 52 | 15 | 5.5 | 68 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

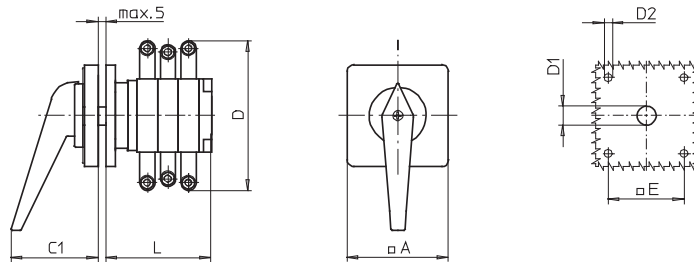
| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|----|----|----|
| 013M1 | 64 | 72 | 84 | 96 | 66 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|----|----|----|
| 013M1 | 64 | 100 | 119 | 138 | 70 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|-----|----|----|
| 003M1 | 64 | 140 | 159 | 178 | 86 | 39 | 15 | 5 | 48 | 80 |
| 013M1 | 88 | 140 | 159 | 178 | 86 | 52 | 15 | 5.5 | 68 | 80 |



Type K616:

| Mtg. form | Switching progr. | A | C1 | D* | D1 | D2 | E | L |
|-----------|------------------|-----|----|-----|----|-----|-----|-----|
| 003G1 | 41300 | 88 | 66 | 150 | 20 | 5.5 | 68 | 104 |
| 003G1 | 41400 | 88 | 66 | 150 | 20 | 5.5 | 68 | 104 |
| 013G1 | 41300 | 130 | 74 | 150 | 20 | 5.5 | 104 | 104 |
| 013G1 | 41400 | 130 | 74 | 150 | 20 | 5.5 | 104 | 104 |

Type K830:

| Mtg. form | Switching progr. | A | C1 | D* | D1 | D2 | E | L |
|-----------|------------------|-----|----|-----|----|-----|-----|-----|
| 003G1 | 41300 | 130 | 74 | 210 | 20 | 5.5 | 104 | 125 |
| 003G1 | 41400 | 130 | 74 | 210 | 20 | 5.5 | 104 | 125 |

Type K616:

| Mtg. form | Switching progr. | A | C1 | D* | D1 | D2 | E | L |
|-----------|------------------|-----|----|-----|----|-----|-----|-----|
| 003G1 | 41600 | 88 | 66 | 150 | 20 | 5.5 | 68 | 136 |
| 003G1 | 41800 | 88 | 66 | 150 | 20 | 5.5 | 68 | 168 |
| 013G1 | 41600 | 130 | 74 | 150 | 20 | 5.5 | 104 | 136 |
| 013G1 | 41800 | 130 | 74 | 150 | 20 | 5.5 | 104 | 168 |

Type K830:

| Mtg. form | Switching progr. | A | C1 | D* | D1 | D2 | E | L |
|-----------|------------------|-----|----|-----|----|-----|-----|-----|
| 003G1 | 41600 | 130 | 74 | 210 | 20 | 5.5 | 104 | 161 |
| 003G1 | 41800 | 130 | 74 | 210 | 20 | 5.5 | 104 | 197 |

Further switching programmes and corresponding dimensions for types K on request.

* terminal lugs included







Disconnect Switches

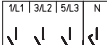
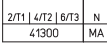
ON-OFF Switches Front mounting Single hole mounting

ON-OFF Switches

- Front mounting switches with single hole mounting
- 3 up to 4 pole
- 20 A up to 63 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | M-handle silver/black | M-handle with front ring black/black |
|---|------------------------|----------------------------------|-----------|--------------------------------|---|---|
| | Operat. current I_e | Operational power (at 380–440 V) | | |   |   |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 |
| | | | | | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts   41300 | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41300-219M1 | H216-41300-218M1 |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-41300-209M1 | H216-41300-208M1 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41300-219M1 | H220-41300-218M1 |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-41300-209M1 | H220-41300-208M1 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-41300-219M1 | H226-41300-218M1 |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-41300-209M1 | H226-41300-208M1 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-41300-219M1 | H233-41300-218M1 |
| | 40 | 15 | 11 | ∅ 22.5 | B240-41300-219M1* | B240-41300-218M1* |
| | 40 | 15 | 11 | ∅ 30.5 | H233-41300-209M1 | H233-41300-208M1 |
| | 40 | 15 | 11 | ∅ 30.5 | B240-41300-209M1* | B240-41300-208M1* |
| | 50 | 18.5 | 15 | ∅ 22.5 | B250-41300-219M1 | B250-41300-218M1 |
| | 50 | 18.5 | 15 | ∅ 30.5 | B250-41300-209M1 | B250-41300-208M1 |
| | 63 | 22 | 18.5 | ∅ 22.5 | B263-41300-219M1 | B263-41300-218M1 |
| | 63 | 22 | 18.5 | ∅ 30.5 | B263-41300-209M1 | B263-41300-208M1 |

| | | | | | | |
|--|----|------|------|--------|--------------------------|--------------------------|
| 41400 – 4 pole – without auxiliary contacts – neutral contact – early make/late break   41300 MA | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41400-219M1 | H216-41400-218M1 |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-41400-209M1 | H216-41400-208M1 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41400-219M1 | H220-41400-218M1 |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-41400-209M1 | H220-41400-208M1 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-41400-219M1 | H226-41400-218M1 |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-41400-209M1 | H226-41400-208M1 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-41400-219M1 | H233-41400-218M1 |
| | 40 | 15 | 11 | ∅ 22.5 | B240-41400-219M1* | B240-41400-218M1* |
| | 40 | 15 | 11 | ∅ 30.5 | H233-41400-209M1 | H233-41400-208M1 |
| | 40 | 15 | 11 | ∅ 30.5 | B240-41400-209M1* | B240-41400-208M1* |
| | 50 | 18.5 | 15 | ∅ 22.5 | B250-41400-219M1 | B250-41400-218M1 |
| | 50 | 18.5 | 15 | ∅ 30.5 | B250-41400-209M1 | B250-41400-208M1 |
| | 63 | 22 | 18.5 | ∅ 22.5 | B263-41400-219M1 | B263-41400-218M1 |
| | 63 | 22 | 18.5 | ∅ 30.5 | B263-41400-209M1 | B263-41400-208M1 |

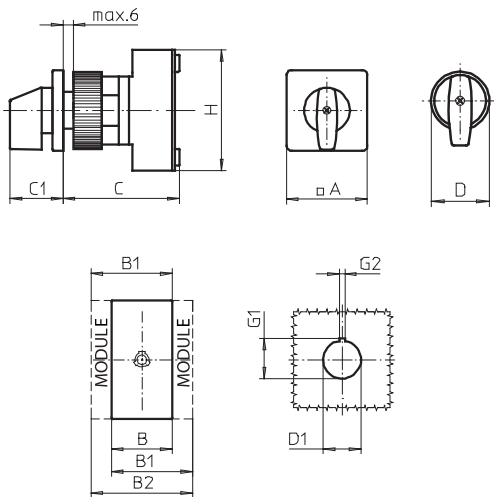
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

Setup of order code number

| | | |
|--|------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H226 | 41300 | 219M1 |
| Order code no. H226-41300-219M1 | | |



Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C | C1 | D | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|------|------|-----|----|
| 208M1 | - | 36 | 48 | 60 | 75 | 32 | 39.5 | 30.5 | 33 | 4.8 | 70 |
| 209M1 | 48 | 36 | 48 | 60 | 75 | 32 | - | 30.5 | 33 | 4.8 | 70 |
| 218M1 | - | 36 | 48 | 60 | 75 | 31.5 | 31 | 22.5 | 24.2 | 3.2 | 70 |
| 219M1 | 48 | 36 | 48 | 60 | 75 | 32 | - | 22.5 | 24.2 | 3.2 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C | C1 | D | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|------|------|-----|----|
| 208M1 | - | 50 | 69 | 88 | 75 | 32 | 39.5 | 30.5 | 33 | 4.8 | 72 |
| 209M1 | 48 | 50 | 69 | 88 | 75 | 32 | - | 30.5 | 33 | 4.8 | 72 |
| 218M1 | - | 50 | 69 | 88 | 75 | 31.5 | 31 | 22.5 | 24.2 | 3.2 | 72 |
| 219M1 | 48 | 50 | 69 | 88 | 75 | 32 | - | 22.5 | 24.2 | 3.2 | 72 |

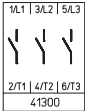
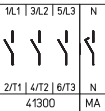
Disconnect Switches

ON-OFF Switches **Base mounting** Snap-on mounting for DIN rail

ON-OFF Switches

- Base mounting switches with snap-on mounting
- for DIN rail
- 3 up to 8 pole
- 20 A up to 125 A
- IP30



| Switching programme | Rated data (IEC 60947) | | | Escutcheon dimension for 45 mm aperture in Panel/Distribution boards (H × W) (mm) | M-handle silver/black | N-handle silver/grey |
|---|--------------------------------|----------------------------------|-----------|--|--------------------------|--------------------------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | IP30 | IP30 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 45 × 48 | H216-41300-026M1 | H216-41300-026N2 |
| | 20 | 5.5 | 3.7 | 45 × 60 | H216-41300-126M1 | – |
| | 25 | 7.5 | 5.5 | 45 × 48 | H220-41300-026M1 | H220-41300-026N2 |
| | 25 | 7.5 | 5.5 | 45 × 60 | H220-41300-126M1 | – |
| | 32 | 11 | 7.5 | 45 × 48 | H226-41300-026M1 | H226-41300-026N2 |
| | 32 | 11 | 7.5 | 45 × 60 | H226-41300-126M1 | – |
| | 40 | 15 | 11 | 45 × 48 | H233-41300-026M1 | H233-41300-026N2 |
| | 40 | 15 | 11 | 45 × 60 | H233-41300-126M1 | – |
| | 40 | 15 | 11 | 45 × 52.5 | B240-41300-026M1* | B240-41300-026N2* |
| | 50 | 18.5 | 15 | 45 × 52.5 | B250-41300-026M1 | B250-41300-026N2 |
| | 63 | 22 | 18.5 | 45 × 52.5 | B263-41300-026M1 | B263-41300-026N2 |
| | 63 | 22 | 18.5 | 45 × 72 | H406-41300-126M1* | – |
| | 80 | 30 | 22 | 45 × 72 | H408-41300-126M1 | – |
| | 100 | 37 | 30 | 45 × 72 | H410-41300-126M1 | – |
| 125 | 45 | 37 | 45 × 72 | H412-41300-126M1 | – | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact – early make/late break  | 20 | 5.5 | 3.7 | 45 × 48 | H216-41400-026M1 | H216-41400-026N2 |
| | 20 | 5.5 | 3.7 | 45 × 60 | H216-41400-126M1 | – |
| | 25 | 7.5 | 5.5 | 45 × 48 | H220-41400-026M1 | H220-41400-026N2 |
| | 25 | 7.5 | 5.5 | 45 × 60 | H220-41400-126M1 | – |
| | 32 | 11 | 7.5 | 45 × 48 | H226-41400-026M1 | H226-41400-026N2 |
| | 32 | 11 | 7.5 | 45 × 60 | H226-41400-126M1 | – |
| | 40 | 15 | 11 | 45 × 48 | H233-41400-026M1 | H233-41400-026N2 |
| | 40 | 15 | 11 | 45 × 60 | H233-41400-126M1 | – |
| | 40 | 15 | 11 | 45 × 52.5 | B240-41400-026M1* | B240-41400-026N2* |
| | 50 | 18.5 | 15 | 45 × 52.5 | B250-41400-026M1 | B250-41400-026N2 |
| | 63 | 22 | 18.5 | 45 × 52.5 | B263-41400-026M1 | B263-41400-026N2 |
| | 63 | 22 | 18.5 | 45 × 72 | H406-41400-126M1* | – |
| | 80 | 30 | 22 | 45 × 72 | H408-41400-126M1 | – |
| | 100 | 37 | 30 | 45 × 72 | H410-41400-126M1 | – |
| 125 | 45 | 37 | 45 × 72 | H412-41400-126M1 | – | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

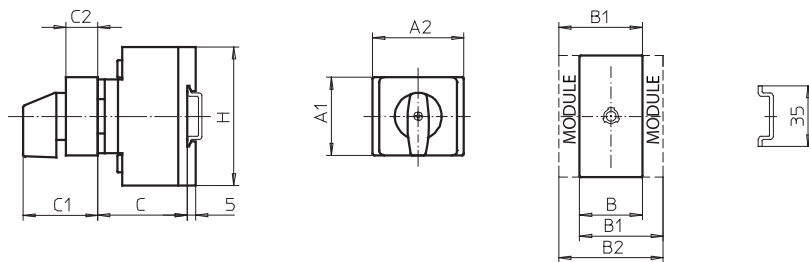
| Switching programme | Rated data (IEC 60947) | | | Escutcheon dimension for 45 mm aperture in Panel/Distribution boards (H × W) (mm) | M-handle silver/black IP30 | Order code number |
|---|--------------------------------|----------------------------------|-----------|--|-----------------------------------|-------------------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | |
| 41600 – 6 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 45 × 76 | H216-41600-026M1 | |
| | 25 | 7.5 | 5.5 | 45 × 76 | H220-41600-026M1 | |
| | 32 | 11 | 7.5 | 45 × 76 | H226-41600-026M1 | |
| | 40 | 15 | 11 | 45 × 76 | H233-41600-026M1 | |
| | 40 | 15 | 11 | 45 × 105 | B240-41600-026M1* | |
| | 50 | 18.5 | 15 | 45 × 105 | B250-41600-026M1 | |
| | 63 | 22 | 18.5 | 45 × 105 | B263-41600-026M1 | |
| | 63 | 22 | 18.5 | 45 × 72 | H406-41600-126M1* | |
| | 80 | 30 | 22 | 45 × 72 | H408-41600-126M1 | |
| | 100 | 37 | 30 | 45 × 72 | H410-41600-126M1 | |
| | 125 | 45 | 37 | 45 × 72 | H412-41600-126M1 | |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break | 20 | 5.5 | 3.7 | 45 × 76 | H216-41800-026M1 | |
| | 25 | 7.5 | 5.5 | 45 × 76 | H220-41800-026M1 | |
| | 32 | 11 | 7.5 | 45 × 76 | H226-41800-026M1 | |
| | 40 | 15 | 11 | 45 × 76 | H233-41800-026M1 | |
| | 40 | 15 | 11 | 45 × 105 | B240-41800-026M1* | |
| | 50 | 18.5 | 15 | 45 × 105 | B250-41800-026M1 | |
| | 63 | 22 | 18.5 | 45 × 105 | B263-41800-026M1 | |
| | 63 | 22 | 18.5 | 45 × 72 | H406-41800-126M1* | |
| | 80 | 30 | 22 | 45 × 72 | H408-41800-126M1 | |
| | 100 | 37 | 30 | 45 × 72 | H410-41800-126M1 | |
| | 125 | 45 | 37 | 45 × 72 | H412-41800-126M1 | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H220 | 41400 | 026M1 |
| Order code no. | H220-41400-026M1 | |



Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|----|----|----|----|----|------|----|
| 026M1 | 45 | 48 | 36 | 48 | 60 | 38 | 45 | 18.5 | 70 |
| 026N2 | 45 | 48 | 36 | 48 | 60 | 38 | 40 | 18.5 | 70 |
| 126M1 | 45 | 60 | 36 | 48 | 60 | 38 | 45 | 18.5 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|------|----|----|----|----|----|------|----|
| 026M1 | 45 | 52.5 | 50 | 69 | 88 | 38 | 45 | 18.5 | 72 |
| 026N2 | 45 | 52.5 | 50 | 69 | 88 | 38 | 40 | 18.5 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|----|----|-----|----|----|----|----|
| 126M1 | 45 | 72 | 70 | 89 | 108 | 55 | 48 | 16 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|----|----|----|----|------|------|----|
| 026M1 | 45 | 76 | 72 | 84 | 96 | 40 | 51.5 | 25.5 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|-----|-----|-----|-----|----|------|------|----|
| 026M1 | 45 | 105 | 100 | 119 | 138 | 40 | 51.5 | 25.5 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|-----|-----|-----|----|----|----|----|
| 126M1 | 45 | 72 | 140 | 159 | 178 | 67 | 48 | 16 | 80 |

Disconnect Switches

ON-OFF Switches **Base mounting** Snap-on mounting with door interlock

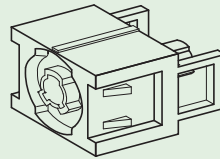
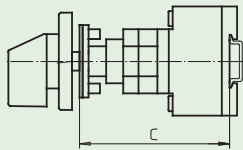
ON-OFF Switches

- Base mounting switches with snap-on mounting
- Door interlock
- 3 up to 8 pole
- 20 A up to 125 A
- **IP66**
- with modular or metal shaft extension
- single or four hole front mounting



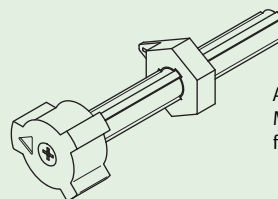
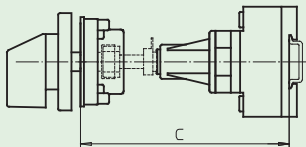
Base mounting switches with snap-on mounting and door interlock are offered with two different extensions:

1. Switches with **modular shaft extensions** can be extended with additional modules (modular shaft extensions see picture) which can be fixed to achieve different required mounting depths – dimension C. The modules are detailed on page 145.

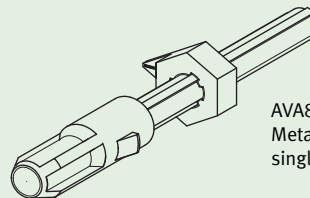
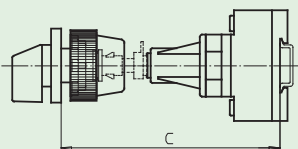


AVC2/AVC4
Modular shaft extension

2. For switches with **metal shaft extension** the metal shaft is not included in the scope of delivery and has to be ordered separately. Data for mounting dimension C and for the different types of metal shafts can be found on page 146.



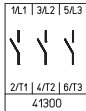
AVB8
Metal shaft extension for
four hole front mounting



AVA8
Metal shaft extension for
single hole front mounting

| | | | | | |
|----------------------------|-------------------------------|----------------------------------|-----------|--|--------------------------|
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | M-handle silver/black |
| | Operat. current I_e | Operational power (at 380–440 V) | | | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |

41300
– 3 pole
– without auxiliary contacts



Modular shaft extension:

→ Modular shaft extensions see page 145!

| | | | | | |
|-----|------|------|---------|--------------------------|--|
| 20 | 5.5 | 3.7 | 36 × 36 | H216-41300-242M1 | |
| 20 | 5.5 | 3.7 | 48 × 48 | H216-41300-248M1 | |
| 25 | 7.5 | 5.5 | 36 × 36 | H220-41300-242M1 | |
| 25 | 7.5 | 5.5 | 48 × 48 | H220-41300-248M1 | |
| 32 | 11 | 7.5 | 36 × 36 | H226-41300-242M1 | |
| 32 | 11 | 7.5 | 48 × 48 | H226-41300-248M1 | |
| 40 | 15 | 11 | 36 × 36 | H233-41300-242M1 | |
| 40 | 15 | 11 | 36 × 36 | B240-41300-242M1* | |
| 40 | 15 | 11 | 48 × 48 | H233-41300-248M1 | |
| 40 | 15 | 11 | 48 × 48 | B240-41300-248M1* | |
| 50 | 18.5 | 15 | 36 × 36 | B250-41300-242M1 | |
| 50 | 18.5 | 15 | 48 × 48 | B250-41300-248M1 | |
| 63 | 22 | 18.5 | 36 × 36 | B263-41300-242M1 | |
| 63 | 22 | 18.5 | 48 × 48 | B263-41300-248M1 | |
| 63 | 22 | 18.5 | 48 × 48 | H406-41300-242M1* | |
| 80 | 30 | 22 | 48 × 48 | H408-41300-242M1 | |
| 100 | 37 | 30 | 48 × 48 | H410-41300-242M1 | |
| 125 | 45 | 37 | 48 × 48 | H412-41300-242M1 | |

Metal shaft extension:

→ Metal shaft is not included. Please order separately, see page 146!

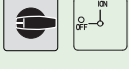
| | | | | | |
|-----|------|------|---------|--------------------------|--|
| 20 | 5.5 | 3.7 | 36 × 36 | H216-41300-481M1 | |
| 20 | 5.5 | 3.7 | 48 × 48 | H216-41300-482M1 | |
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41300-283M1 | |
| 25 | 7.5 | 5.5 | 36 × 36 | H220-41300-481M1 | |
| 25 | 7.5 | 5.5 | 48 × 48 | H220-41300-482M1 | |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41300-283M1 | |
| 32 | 11 | 7.5 | 36 × 36 | H226-41300-481M1 | |
| 32 | 11 | 7.5 | 48 × 48 | H226-41300-482M1 | |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-41300-283M1 | |
| 40 | 15 | 11 | 36 × 36 | H233-41300-481M1 | |
| 40 | 15 | 11 | 36 × 36 | B240-41300-481M1* | |
| 40 | 15 | 11 | 48 × 48 | H233-41300-482M1 | |
| 40 | 15 | 11 | 48 × 48 | B240-41300-482M1* | |
| 40 | 15 | 11 | ∅ 22.5 | H233-41300-283M1 | |
| 40 | 15 | 11 | ∅ 22.5 | B240-41300-283M1* | |
| 50 | 18.5 | 15 | 36 × 36 | B250-41300-481M1 | |
| 50 | 18.5 | 15 | 48 × 48 | B250-41300-482M1 | |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-41300-283M1 | |
| 63 | 22 | 18.5 | 36 × 36 | B263-41300-481M1 | |
| 63 | 22 | 18.5 | 48 × 48 | B263-41300-482M1 | |
| 63 | 22 | 18.5 | 48 × 48 | H406-41300-481M1* | |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-41300-283M1 | |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-41300-283M1* | |
| 80 | 30 | 22 | 48 × 48 | H408-41300-481M1 | |
| 80 | 30 | 22 | ∅ 22.5 | H408-41300-283M1 | |
| 100 | 37 | 30 | 48 × 48 | H410-41300-481M1 | |
| 100 | 37 | 30 | ∅ 22.5 | H410-41300-283M1 | |
| 125 | 45 | 37 | 48 × 48 | H412-41300-481M1 | |
| 125 | 45 | 37 | ∅ 22.5 | H412-41300-283M1 | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

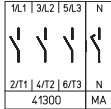
Disconnect Switches

ON-OFF Switches **Base mounting** Snap-on mounting with door interlock

| | | | | | |
|----------------------------|-------------------------------|----------------------------------|-----------|--|---|
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | M-handle silver/black |
| | Operat. current I_e | Operational power (at 380–440 V) | | |  IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |

41400

- 4 pole
- without auxiliary contacts
- neutral contact
- early make/late break



Modular shaft extension:

→ Modular shaft extensions see page 145!

| | | | | | |
|-----|------|------|---------|--------------------------|--|
| 20 | 5.5 | 3.7 | 36 × 36 | H216-41400-242M1 | |
| 20 | 5.5 | 3.7 | 48 × 48 | H216-41400-248M1 | |
| 25 | 7.5 | 5.5 | 36 × 36 | H220-41400-242M1 | |
| 25 | 7.5 | 5.5 | 48 × 48 | H220-41400-248M1 | |
| 32 | 11 | 7.5 | 36 × 36 | H226-41400-242M1 | |
| 32 | 11 | 7.5 | 48 × 48 | H226-41400-248M1 | |
| 40 | 15 | 11 | 36 × 36 | H233-41400-242M1 | |
| 40 | 15 | 11 | 36 × 36 | B240-41400-242M1* | |
| 40 | 15 | 11 | 48 × 48 | H233-41400-248M1 | |
| 40 | 15 | 11 | 48 × 48 | B240-41400-248M1* | |
| 50 | 18.5 | 15 | 36 × 36 | B250-41400-242M1 | |
| 50 | 18.5 | 15 | 48 × 48 | B250-41400-248M1 | |
| 63 | 22 | 18.5 | 36 × 36 | B263-41400-242M1 | |
| 63 | 22 | 18.5 | 48 × 48 | B263-41400-248M1 | |
| 63 | 22 | 18.5 | 48 × 48 | H406-41400-242M1* | |
| 80 | 30 | 22 | 48 × 48 | H408-41400-242M1 | |
| 100 | 37 | 30 | 48 × 48 | H410-41400-242M1 | |
| 125 | 45 | 37 | 48 × 48 | H412-41400-242M1 | |

Metal shaft extension:

→ Metal shaft is not included. Please order separately, see page 146!

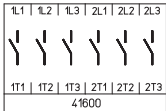
| | | | | | |
|-----|------|------|---------|--------------------------|--|
| 20 | 5.5 | 3.7 | 36 × 36 | H216-41400-481M1 | |
| 20 | 5.5 | 3.7 | 48 × 48 | H216-41400-482M1 | |
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41400-283M1 | |
| 25 | 7.5 | 5.5 | 36 × 36 | H220-41400-481M1 | |
| 25 | 7.5 | 5.5 | 48 × 48 | H220-41400-482M1 | |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41400-283M1 | |
| 32 | 11 | 7.5 | 36 × 36 | H226-41400-481M1 | |
| 32 | 11 | 7.5 | 48 × 48 | H226-41400-482M1 | |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-41400-283M1 | |
| 40 | 15 | 11 | 36 × 36 | H233-41400-481M1 | |
| 40 | 15 | 11 | 36 × 36 | B240-41400-481M1* | |
| 40 | 15 | 11 | 48 × 48 | H233-41400-482M1 | |
| 40 | 15 | 11 | 48 × 48 | B240-41400-482M1* | |
| 40 | 15 | 11 | ∅ 22.5 | H233-41400-283M1 | |
| 40 | 15 | 11 | ∅ 22.5 | B240-41400-283M1* | |
| 50 | 18.5 | 15 | 36 × 36 | B250-41400-481M1 | |
| 50 | 18.5 | 15 | 48 × 48 | B250-41400-482M1 | |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-41400-283M1 | |
| 63 | 22 | 18.5 | 36 × 36 | B263-41400-481M1 | |
| 63 | 22 | 18.5 | 48 × 48 | B263-41400-482M1 | |
| 63 | 22 | 18.5 | 48 × 48 | H406-41400-481M1* | |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-41400-283M1 | |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-41400-283M1* | |
| 80 | 30 | 22 | 48 × 48 | H408-41400-481M1 | |
| 80 | 30 | 22 | ∅ 22.5 | H408-41400-283M1 | |
| 100 | 37 | 30 | 48 × 48 | H410-41400-481M1 | |
| 100 | 37 | 30 | ∅ 22.5 | H410-41400-283M1 | |
| 125 | 45 | 37 | 48 × 48 | H412-41400-481M1 | |
| 125 | 45 | 37 | ∅ 22.5 | H412-41400-283M1 | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

| | | | | | |
|----------------------------|-------------------------------|----------------------------------|-----------|--|--------------------------|
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | M-handle silver/black |
| | Operat. current I_e | Operational power (at 380–440 V) | | | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |

41600
– 6 pole
– without auxiliary contacts



Modular shaft extension:

➔ Modular shaft extensions see page 145!

| | | | | | |
|-----|------|------|---------|--------------------------|--|
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41600-248M1 | |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41600-248M1 | |
| 32 | 11 | 7.5 | 48 x 48 | H226-41600-248M1 | |
| 40 | 15 | 11 | 48 x 48 | H233-41600-248M1 | |
| 40 | 15 | 11 | 48 x 48 | B240-41600-248M1* | |
| 50 | 18.5 | 15 | 48 x 48 | B250-41600-248M1 | |
| 63 | 22 | 18.5 | 48 x 48 | B263-41600-248M1 | |
| 63 | 22 | 18.5 | 48 x 48 | H406-41600-242M1* | |
| 80 | 30 | 22 | 48 x 48 | H408-41600-242M1 | |
| 100 | 37 | 30 | 48 x 48 | H410-41600-242M1 | |
| 125 | 45 | 37 | 48 x 48 | H412-41600-242M1 | |

Metal shaft extension:

➔ Metal shaft is not included. Please order separately, see page 146!



| | | | | | |
|-----|------|------|---------|--------------------------|--|
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41600-482M1 | |
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41600-285M1 | |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41600-482M1 | |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41600-285M1 | |
| 32 | 11 | 7.5 | 48 x 48 | H226-41600-482M1 | |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-41600-285M1 | |
| 40 | 15 | 11 | 48 x 48 | H233-41600-482M1 | |
| 40 | 15 | 11 | 48 x 48 | B240-41600-482M1* | |
| 40 | 15 | 11 | ∅ 22.5 | H233-41600-285M1 | |
| 40 | 15 | 11 | ∅ 22.5 | B240-41600-285M1* | |
| 50 | 18.5 | 15 | 48 x 48 | B250-41600-482M1 | |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-41600-285M1 | |
| 63 | 22 | 18.5 | 48 x 48 | B263-41600-482M1 | |
| 63 | 22 | 18.5 | 48 x 48 | H406-41600-481M1* | |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-41600-285M1 | |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-41600-283M1* | |
| 80 | 30 | 22 | 48 x 48 | H408-41600-481M1 | |
| 80 | 30 | 22 | ∅ 22.5 | H408-41600-283M1 | |
| 100 | 37 | 30 | 48 x 48 | H410-41600-481M1 | |
| 100 | 37 | 30 | ∅ 22.5 | H410-41600-283M1 | |
| 125 | 45 | 37 | 48 x 48 | H412-41600-481M1 | |
| 125 | 45 | 37 | ∅ 22.5 | H412-41600-283M1 | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

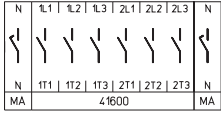
Disconnect Switches

ON-OFF Switches **Base mounting** Snap-on mounting with door interlock

| | | | | | | |
|----------------------------|-------------------------------|----------------------------------|-----------|--|---|------|
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | M-handle silver/black | IP66 |
| | Operat. current I_e | Operational power (at 380–440 V) | | |   | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | |

41800

- 8 pole
- without auxiliary contacts
- 2 neutral contacts early make/late break



Modular shaft extension:

➔ Modular shaft extensions see page 145!

| | | | | | |
|-----|------|------|---------|--------------------------|--|
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41800-248M1 | |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41800-248M1 | |
| 32 | 11 | 7.5 | 48 x 48 | H226-41800-248M1 | |
| 40 | 15 | 11 | 48 x 48 | H233-41800-248M1 | |
| 40 | 15 | 11 | 48 x 48 | B240-41800-248M1* | |
| 50 | 18.5 | 15 | 48 x 48 | B250-41800-248M1 | |
| 63 | 22 | 18.5 | 48 x 48 | B263-41800-248M1 | |
| 63 | 22 | 18.5 | 48 x 48 | H406-41800-242M1* | |
| 80 | 30 | 22 | 48 x 48 | H408-41800-242M1 | |
| 100 | 37 | 30 | 48 x 48 | H410-41800-242M1 | |
| 125 | 45 | 37 | 48 x 48 | H412-41800-242M1 | |

Metal shaft extension:

➔ Metal shaft is not included. Please order separately, see page 146!

| | | | | | |
|-----|------|------|---------|--------------------------|--|
| 20 | 5.5 | 3.7 | 48 x 48 | H216-41800-482M1 | |
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-41800-285M1 | |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-41800-482M1 | |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-41800-285M1 | |
| 32 | 11 | 7.5 | 48 x 48 | H226-41800-482M1 | |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-41800-285M1 | |
| 40 | 15 | 11 | 48 x 48 | H233-41800-482M1 | |
| 40 | 15 | 11 | 48 x 48 | B240-41800-482M1* | |
| 40 | 15 | 11 | ∅ 22.5 | H233-41800-285M1 | |
| 40 | 15 | 11 | ∅ 22.5 | B240-41800-285M1* | |
| 50 | 18.5 | 15 | 48 x 48 | B250-41800-482M1 | |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-41800-285M1 | |
| 63 | 22 | 18.5 | 48 x 48 | B263-41800-482M1 | |
| 63 | 22 | 18.5 | 48 x 48 | H406-41800-481M1* | |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-41800-285M1 | |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-41800-283M1* | |
| 80 | 30 | 22 | 48 x 48 | H408-41800-481M1 | |
| 80 | 30 | 22 | ∅ 22.5 | H408-41800-283M1 | |
| 100 | 37 | 30 | 48 x 48 | H410-41800-481M1 | |
| 100 | 37 | 30 | ∅ 22.5 | H410-41800-283M1 | |
| 125 | 45 | 37 | 48 x 48 | H412-41800-481M1 | |
| 125 | 45 | 37 | ∅ 22.5 | H412-41800-283M1 | |

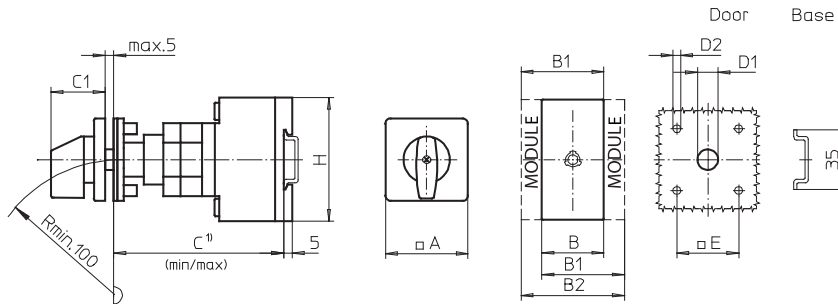
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

Door interlock with **modular shaft extension**: Four hole front mounting

| Setup of order code number | | |
|--|------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H412 | 41800 | 242M1 |
| Order code no. H412-41800-242M1 | | |



¹⁾ Internal depth: inside of door to top of DIN rail, dimensions with shaft extension see page 145.

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|------------------|------------------|----|----|-----|----|----|
| 242M1 | 48 | 36 | 48 | 60 | 92 | 107 | 32 | 12 | 4.5 | 36 | 70 |
| 248M1 | 64 | 36 | 48 | 60 | 92 | 107 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|------------------|------------------|----|----|-----|----|----|
| 242M1 | 48 | 50 | 69 | 88 | 92 | 107 | 32 | 12 | 4.5 | 36 | 72 |
| 248M1 | 64 | 50 | 69 | 88 | 92 | 107 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|-----|------------------|------------------|----|----|----|----|----|
| 242M1 | 64 | 70 | 89 | 108 | 102 | 117 | 40 | 15 | 5 | 48 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|------------------|------------------|----|----|----|----|----|
| 248M1 | 64 | 72 | 84 | 96 | 100 | 115 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|------------------|------------------|----|----|----|----|----|
| 248M1 | 64 | 100 | 119 | 138 | 104 | 119 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|------------------|------------------|----|----|----|----|----|
| 242M1 | 64 | 140 | 159 | 178 | 115 | 130 | 40 | 15 | 5 | 48 | 80 |

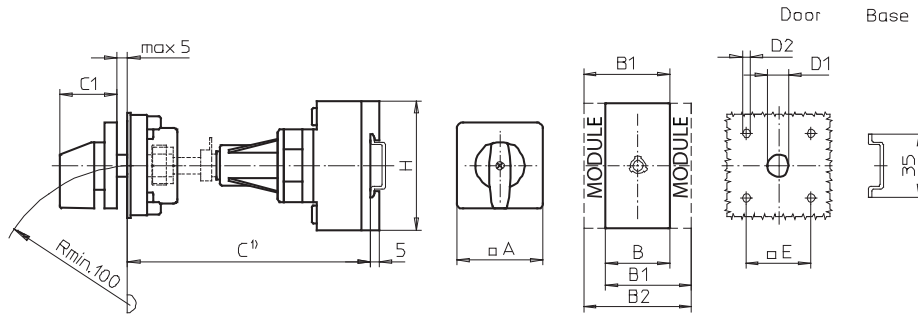
Disconnect Switches

ON-OFF Switches **Base mounting** Snap-on mounting with door interlock

Dimensions in mm:

Door interlock with **metal shaft extension**: Four hole front mounting

| Setup of order code number | | |
|----------------------------|------------------|-------------------------|
| Type | Switching progr. | Mtg. form |
| H226 | 41400 | 481M1 |
| Order code no. | | H226-41400-481M1 |



¹⁾ Internal depth: inside of door to top of DIN rail, dimensions see page 146.

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|-----|----|----|
| 481M1 | 48 | 36 | 48 | 60 | 32 | 15 | 4.5 | 36 | 70 |
| 482M1 | 64 | 36 | 48 | 60 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|-----|----|----|
| 481M1 | 48 | 50 | 69 | 88 | 32 | 15 | 4.5 | 36 | 72 |
| 482M1 | 64 | 50 | 69 | 88 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|-----|----|----|----|----|----|
| 481M1 | 64 | 70 | 89 | 108 | 40 | 15 | 5 | 48 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|----|----|
| 482M1 | 64 | 72 | 84 | 96 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|----|----|
| 482M1 | 64 | 100 | 119 | 138 | 39 | 15 | 5 | 48 | 72 |

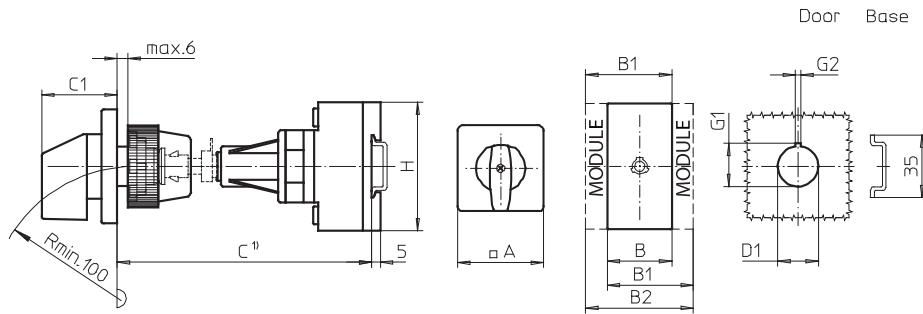
Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|----|----|
| 481M1 | 64 | 140 | 159 | 178 | 40 | 15 | 5 | 48 | 80 |

Dimensions in mm:

Door interlock with **metal shaft extension**: Single hole front mounting

| Setup of order code number | | |
|--|------------------|-----------|
| Type | Switching progr. | Mtg. form |
| B250 | 41400 | 283M1 |
| Order code no. B250-41400-283M1 | | |



¹⁾ Internal depth: outside of door to top of DIN rail, dimensions see page 146.

Switching programmes 3 and 4 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|-----|----|
| 283M1 | 48 | 36 | 48 | 60 | 32 | 22.5 | 24.2 | 3.2 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|-----|----|
| 283M1 | 48 | 50 | 69 | 88 | 32 | 22.5 | 24.2 | 3.2 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|-----|----|------|------|-----|----|
| 283M1 | 64 | 70 | 89 | 108 | 39 | 22.5 | 24.2 | 3.2 | 80 |

Switching programmes 6 and 8 pole

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|-----|----|
| 285M1 | 64 | 72 | 84 | 96 | 39 | 22.5 | 24.2 | 3.2 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|-----|-----|-----|----|------|------|-----|----|
| 285M1 | 64 | 100 | 119 | 138 | 39 | 22.5 | 24.2 | 3.2 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|-----|-----|-----|----|------|------|-----|----|
| 283M1 | 64 | 140 | 159 | 178 | 39 | 22.5 | 24.2 | 3.2 | 80 |


Disconnect Switches

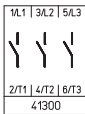
ON-OFF Switches **Base mounting** Four hole mounting with door interlock

ON-OFF Switches

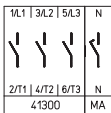
- Base mounting switches with four hole mounting and door interlock
- 3 up to 8 pole
- 160 A up to 315 A
- IP55



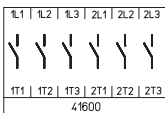
| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (base/front) (mm) | G-handle silver/black |
|--|--------------------------------|----------------------------------|-----------|--------------------------------------|---|
| | Operat. current I _e | Operational power (at 380–440 V) | | |  IP55 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |
| 41300 – 3 pole – without auxiliary contacts | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41300-042G1 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | K830-41300-042G1 |



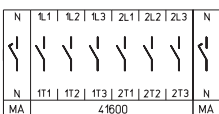
| | | | | | |
|--|-----|-----|----|-----------------------|-------------------------|
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41400-042G1 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | K830-41400-042G1 |



| | | | | | |
|--|-----|-----|----|-----------------------|-------------------------|
| 41600 – 6 pole – without auxiliary contacts | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41600-042G1 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | K830-41600-042G1 |



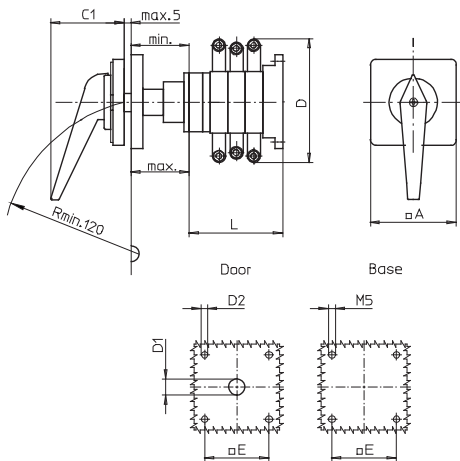
| | | | | | |
|---|-----|-----|----|-----------------------|-------------------------|
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-41800-042G1 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | K830-41800-042G1 |



Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| K830 | 41300 | 042G1 |
| Order code no. | K830-41300-042G1 | |



Type K616:

| Switching progr. | A | C1 | D* | D1 | D2 | E | min | max | L |
|------------------|----|----|-----|----|-----|----|-----|-----|-----|
| 41300 | 88 | 66 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 41400 | 88 | 66 | 150 | 15 | 5.5 | 68 | 48 | 60 | 104 |
| 41600 | 88 | 66 | 150 | 15 | 5.5 | 68 | 48 | 60 | 136 |
| 41800 | 88 | 66 | 150 | 15 | 5.5 | 68 | 48 | 60 | 168 |

Type K830:

| Switching progr. | A | C1 | D* | D1 | D2 | E | min | max | L |
|------------------|-----|----|-----|----|-----|-----|-----|-----|-----|
| 41300 | 130 | 74 | 210 | 20 | 5.5 | 104 | 75 | 102 | 125 |
| 41400 | 130 | 74 | 210 | 20 | 5.5 | 104 | 75 | 102 | 125 |
| 41600 | 130 | 74 | 210 | 20 | 5.5 | 104 | 75 | 102 | 161 |
| 41800 | 130 | 74 | 210 | 20 | 5.5 | 104 | 75 | 102 | 197 |

* terminal lugs included

Further switching programmes and corresponding dimensions for types K on request.

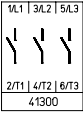
Disconnect Switches

ON-OFF Switches Enclosed Switches – Insulated Enclosure

ON-OFF Switches

- Enclosed switches with insulated enclosure (polycarbonate)
- Cover interlock in ON position
- 3 up to 8 pole
- 20 A up to 125 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black | IP66 |
|---|--------------------------------|----------------------------------|-----------------|--------------------------------------|--|------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | Order code number | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 125 × 100 × 85 | H216-41300-701M1 | |
| | 20 | 5.5 | 3.7 | 175 × 115 × 100 | H216-41300-711M1 | |
| | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41300-731M1 | |
| | 25 | 7.5 | 5.5 | 125 × 100 × 85 | H220-41300-701M1 | |
| | 25 | 7.5 | 5.5 | 175 × 115 × 100 | H220-41300-711M1 | |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41300-731M1 | |
| | 32 | 11 | 7.5 | 125 × 100 × 85 | H226-41300-701M1 | |
| | 32 | 11 | 7.5 | 175 × 115 × 100 | H226-41300-711M1 | |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41300-731M1 | |
| | 40 | 15 | 11 | 175 × 115 × 100 | H233-41300-711M1 | |
| | 40 | 15 | 11 | 175 × 115 × 100 | B240-41300-711M1 * ¹ | |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41300-731M1 | |
| | 40 | 15 | 11 | 250 × 160 × 120 | B240-41300-731M1 * | |
| | 50 | 18.5 | 15 | 175 × 115 × 100 | B250-41300-711M1 ¹ | |
| | 50 | 18.5 | 15 | 250 × 160 × 120 | B250-41300-731M1 | |
| | 63 | 22 | 18.5 | 175 × 115 × 100 | B263-41300-711M1 ¹ | |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | B263-41300-731M1 | |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | H406-41300-731M1 * | |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | H406-41300-771M1 | |
| | 80 | 30 | 22 | 250 × 160 × 120 | H408-41300-731M1 | |
| 80 | 30 | 22 | 280 × 190 × 130 | H408-41300-771M1 | | |
| 100 | 37 | 30 | 250 × 160 × 120 | H410-41300-731M1 | | |
| 100 | 37 | 30 | 280 × 190 × 130 | H410-41300-771M1 | | |

* larger terminal capacity, see page 154

¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

Further switching programmes from page 132.

Disconnect Switches

ON-OFF Switches Enclosed Switches – Insulated Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black | Order code number |
|--|------------------------|----------------------------------|-----------------|--------------------------------------|--------------------------------------|-------------------|
| | Operat. current I_e | Operational power (at 380–440 V) | | | IP66 | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact – early make/late break | 20 | 5.5 | 3.7 | 125 × 100 × 85 | H216-41400-701M1 | |
| | 20 | 5.5 | 3.7 | 175 × 115 × 100 | H216-41400-711M1 | |
| | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41400-731M1 | |
| | 25 | 7.5 | 5.5 | 125 × 100 × 85 | H220-41400-701M1 | |
| | 25 | 7.5 | 5.5 | 175 × 115 × 100 | H220-41400-711M1 | |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41400-731M1 | |
| | 32 | 11 | 7.5 | 125 × 100 × 85 | H226-41400-701M1 | |
| | 32 | 11 | 7.5 | 175 × 115 × 100 | H226-41400-711M1 | |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41400-731M1 | |
| | 40 | 15 | 11 | 175 × 115 × 100 | H233-41400-711M1 | |
| | 40 | 15 | 11 | 175 × 115 × 100 | B240-41400-711M1*¹ | |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41400-731M1 | |
| | 40 | 15 | 11 | 250 × 160 × 120 | B240-41400-731M1* | |
| | 50 | 18.5 | 15 | 175 × 115 × 100 | B250-41400-711M1¹ | |
| | 50 | 18.5 | 15 | 250 × 160 × 120 | B250-41400-731M1 | |
| | 63 | 22 | 18.5 | 175 × 115 × 100 | B263-41400-711M1¹ | |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | B263-41400-731M1 | |
| | 63 | 22 | 18.5 | 250 × 160 × 120 | H406-41400-731M1* | |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | H406-41400-771M1 | |
| | 80 | 30 | 22 | 250 × 160 × 120 | H408-41400-731M1 | |
| 80 | 30 | 22 | 280 × 190 × 130 | H408-41400-771M1 | | |
| 100 | 37 | 30 | 250 × 160 × 120 | H410-41400-731M1 | | |
| 100 | 37 | 30 | 280 × 190 × 130 | H410-41400-771M1 | | |

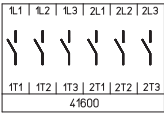
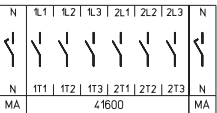
* larger terminal capacity, see page 154

¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

Further switching programmes from page 132.

Disconnect Switches

ON-OFF Switches Enclosed Switches – Insulated Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black | Order code number |
|--|--------------------------------|----------------------------------|-----------------|--------------------------------------|--------------------------------|-------------------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | IP66 | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | |
| 41600 – 6 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 175 × 115 × 100 | H216-41600-721M1 | |
| | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41600-734M1 | |
| | 20 | 5.5 | 3.7 | 280 × 190 × 130 | H216-41600-771M1 | |
| | 25 | 7.5 | 5.5 | 175 × 115 × 100 | H220-41600-721M1 | |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41600-734M1 | |
| | 25 | 7.5 | 5.5 | 280 × 190 × 130 | H220-41600-771M1 | |
| | 32 | 11 | 7.5 | 175 × 115 × 100 | H226-41600-721M1 | |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41600-734M1 | |
| | 32 | 11 | 7.5 | 280 × 190 × 130 | H226-41600-771M1 | |
| | 40 | 15 | 11 | 175 × 115 × 100 | H233-41600-721M1 | |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41600-734M1 | |
| | 40 | 15 | 11 | 280 × 190 × 130 | H233-41600-771M1 | |
| | 40 | 15 | 11 | 280 × 190 × 130 | B240-41600-771M1* ¹ | |
| | 40 | 15 | 11 | 320 × 220 × 180 | B240-41600-976M1 | |
| | 50 | 18.5 | 15 | 280 × 190 × 130 | B250-41600-771M1 ¹ | |
| | 50 | 18.5 | 15 | 320 × 220 × 180 | B250-41600-976M1 | |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | B263-41600-771M1 ¹ | |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | B263-41600-976M1 | |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-41600-578M1 | |
| | 80 | 30 | 22 | 440 × 320 × 180 | H408-41600-578M1 | |
| 100 | 37 | 30 | 440 × 320 × 180 | H410-41600-578M1 | | |
| 125 | 45 | 37 | 440 × 320 × 180 | H412-41600-578M1 | | |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break  | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-41800-734M1 | |
| | 20 | 5.5 | 3.7 | 280 × 190 × 130 | H216-41800-771M1 | |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-41800-734M1 | |
| | 25 | 7.5 | 5.5 | 280 × 190 × 130 | H220-41800-771M1 | |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-41800-734M1 | |
| | 32 | 11 | 7.5 | 280 × 190 × 130 | H226-41800-771M1 | |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-41800-734M1 | |
| | 40 | 15 | 11 | 280 × 190 × 130 | H233-41800-771M1 | |
| | 40 | 15 | 11 | 280 × 190 × 130 | B240-41800-771M1* | |
| | 40 | 15 | 11 | 320 × 220 × 180 | B240-41800-976M1 | |
| | 50 | 18.5 | 15 | 280 × 190 × 130 | B250-41800-771M1 | |
| | 50 | 18.5 | 15 | 320 × 220 × 180 | B250-41800-976M1 | |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | B263-41800-771M1 | |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | B263-41800-976M1 | |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-41800-578M1 | |
| | 80 | 30 | 22 | 440 × 320 × 180 | H408-41800-578M1 | |
| | 100 | 37 | 30 | 440 × 320 × 180 | H410-41800-578M1 | |
| 125 | 45 | 37 | 440 × 320 × 180 | H412-41800-578M1 | | |

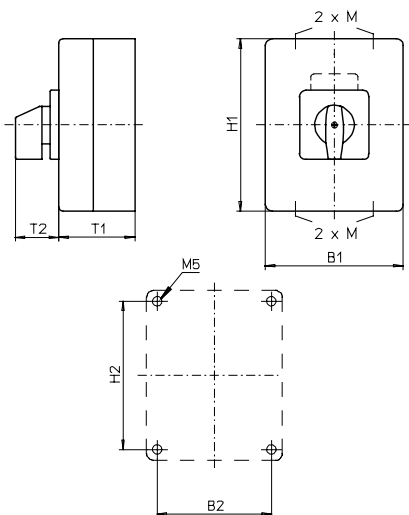
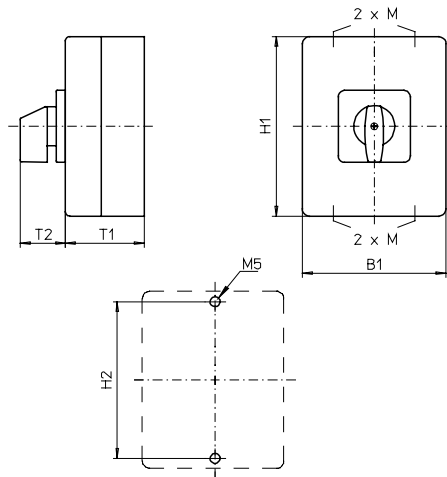
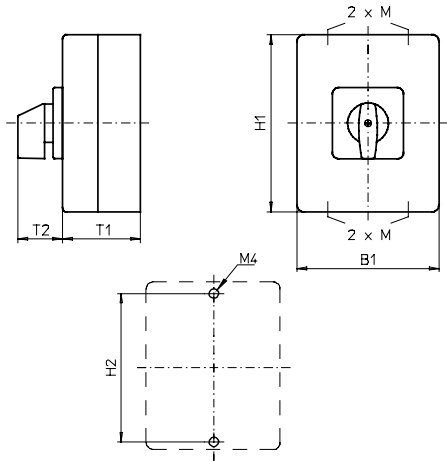
* larger terminal capacity, see page 154

¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

Further switching programmes from page 132.

Dimensions in mm:

| Setup of order code number | | |
|--|------------------|-----------|
| Type | Switching progr. | Mtg. form |
| B250 | 41400 | 711M1 |
| Order code no. B250-41400-711M1 | | |



Insulated enclosures **125 × 100 × 85 mm**
and **175 × 115 × 100 mm**:

Types H216 / H220 / H226 / H233 / B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 701M1 | 125 | 100 | 85 | 32 | 20/25 | 115 |
| 711M1 | 175 | 115 | 100 | 39 | 20/25 | 165 |
| 721M1 | 175 | 115 | 100 | 39 | 20/25 | 165 |

Insulated enclosure **250 × 160 × 120 mm**:

Types H216 / H220 / H226 / H233 / B240 / B250 / B263 /
H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 731M1 | 250 | 160 | 120 | 39 | 32/40 | 235 |
| 734M1 | 250 | 160 | 120 | 39 | 32/40 | 235 |

Insulated enclosure **280 × 190 × 130 mm**:

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 | B2 |
|-----------|-----|-----|-----|----|--------|-----|-----|
| 771M1 | 280 | 190 | 130 | 39 | 40×1.5 | 254 | 164 |

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 | B2 |
|-----------|-----|-----|-----|----|--------|-----|-----|
| 771M1 | 280 | 190 | 130 | 39 | 40×1.5 | 254 | 164 |

Types H406 / H408 / H410:

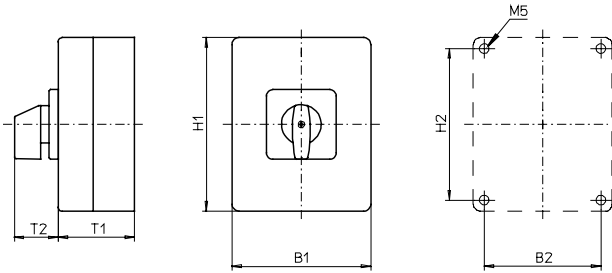
| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 | B2 |
|-----------|-----|-----|-----|----|--------|-----|-----|
| 771M1 | 280 | 190 | 130 | 52 | 40×1.5 | 254 | 164 |

Disconnect Switches

ON-OFF Switches Enclosed Switches – Insulated Enclosure

Dimensions in mm:

| Setup of order code number | | |
|--|------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H406 | 41600 | 578M1 |
| Order code no. H406-41600-578M1 | | |

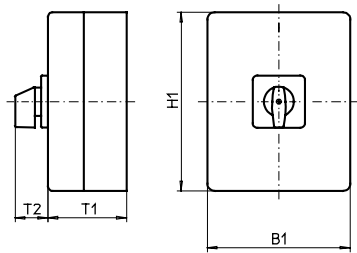


Insulated enclosure **320 × 220 × 180 mm:**

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 976M1 | 320 | 220 | 180 | 52 | 293 | 193 |

Blank gland plates

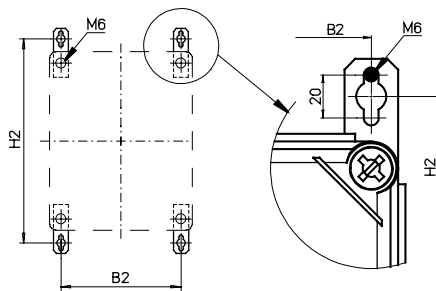


Insulated enclosure **440 × 320 × 180 mm:**

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 578M1 | 440 | 320 | 180 | 52 | 480 | 293 |

Blank gland plates



Mounting brackets are included.

ON-OFF Switches

- Enclosed switches with insulated enclosure (polycarbonate)
- EMV/EMC application, connection system for the uninterrupted connection of shielded/screened cables consisting of shroud and 4 shroud clamps \varnothing 12–16 mm
- Cover interlock in ON position
- 3 up to 6 pole
- 20 A up to 63 A
- **IP66**



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H x W x D) (mm) | M-handle silver/black | IP66 |
|--|---------------------------|------------------------|------------------------|--------------------------------------|--------------------------|------|
| | Operat. current I_e (A) | Operational power (kW) | Operational power (kW) | | | |
| 41300 – 3 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 175 x 115 x 100 | H216-41300-716M1 | |
| | 25 | 7.5 | 5.5 | 175 x 115 x 100 | H220-41300-716M1 | |
| | 32 | 11 | 7.5 | 175 x 115 x 100 | H226-41300-716M1 | |
| | 40 | 15 | 11 | 175 x 115 x 100 | H233-41300-716M1 | |
| | 40 | 15 | 11 | 175 x 115 x 100 | B240-41300-716M1* | |
| | 50 | 18.5 | 15 | 175 x 115 x 100 | B250-41300-716M1 | |
| | 63 | 22 | 18.5 | 175 x 115 x 100 | B263-41300-716M1 | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break | 20 | 5.5 | 3.7 | 175 x 115 x 100 | H216-41400-716M1 | |
| | 25 | 7.5 | 5.5 | 175 x 115 x 100 | H220-41400-716M1 | |
| | 32 | 11 | 7.5 | 175 x 115 x 100 | H226-41400-716M1 | |
| | 40 | 15 | 11 | 175 x 115 x 100 | H233-41400-716M1 | |
| | 40 | 15 | 11 | 175 x 115 x 100 | B240-41400-716M1* | |
| | 50 | 18.5 | 15 | 175 x 115 x 100 | B250-41400-716M1 | |
| | 63 | 22 | 18.5 | 175 x 115 x 100 | B263-41400-716M1 | |
| 41600 – 6 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 175 x 115 x 100 | H216-41600-726M1 | |
| | 25 | 7.5 | 5.5 | 175 x 115 x 100 | H220-41600-726M1 | |
| | 32 | 11 | 7.5 | 175 x 115 x 100 | H226-41600-726M1 | |
| | 40 | 15 | 11 | 175 x 115 x 100 | H233-41600-726M1 | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

Types H216 / H220 / H226 / H233 / B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | 2xM | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 716M1 | 175 | 115 | 100 | 39 | 20/25 | 165 |
| 726M1 | 175 | 115 | 100 | 39 | 20/25 | 165 |

Disconnect Switches

ON-OFF Switches Enclosed Switches – Mild Steel Enclosure

ON-OFF Switches

- Enclosed switches with mild steel enclosure (powder coated – RAL 7035)
- Cover interlock in ON position
- 3 up to 8 pole
- 20 A up to 125 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black | IP66 |
|--|------------------------------------|---------------------------------------|-----------------|--------------------------------------|-------------------------------------|------|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | | Order code number | |
| 41300 – 3 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41300-086M1 | |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41300-186M1 | |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41300-086M1 | |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41300-186M1 | |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41300-086M1 | |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41300-186M1 | |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41300-186M1 | |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41300-086M1* | |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41300-086M1 | |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41300-086M1 | |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41300-986M1* | |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41300-186M1 | |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41300-181M1¹ | |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41300-986M1 | |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41300-186M1 | |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41300-181M1¹ | |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41300-186M1 | |
| 100 | 37 | 30 | 400 × 300 × 155 | H410-41300-181M1¹ | | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41300-186M1 | | |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-41300-181M1¹ | | |

* larger terminal capacity, see page 154

¹ hinged door

Further switching programmes from page 132.

Disconnect Switches

ON-OFF Switches Enclosed Switches – Mild Steel Enclosure

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | M-handle silver/black | Order code number |
|---|------------------------|----------------------------------|-----------------|-------------------------------------|-------------------------------------|-------------------|
| | Operat. current I_e | Operational power (at 380–440 V) | | | | |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | | |
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41400-086M1 | |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41400-186M1 | |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41400-086M1 | |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41400-186M1 | |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41400-086M1 | |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41400-186M1 | |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41400-186M1 | |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41400-086M1* | |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41400-086M1 | |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41400-086M1 | |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41400-986M1* | |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41400-186M1 | |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41400-181M1¹ | |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41400-986M1 | |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41400-186M1 | |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41400-181M1¹ | |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41400-186M1 | |
| 100 | 37 | 30 | 400 × 300 × 155 | H410-41400-181M1¹ | | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41400-186M1 | | |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-41400-181M1¹ | | |
| 41600 – 6 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41600-186M1 | |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41600-186M1 | |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41600-186M1 | |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41600-186M1 | |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41600-186M1 | |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41600-186M1 | |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41600-186M1 | |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41600-186M1* | |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41600-181M1¹ | |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41600-186M1 | |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41600-181M1¹ | |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41600-186M1 | |
| | 100 | 37 | 30 | 400 × 300 × 155 | H410-41600-181M1¹ | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41600-186M1 | | |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-41600-181M1¹ | | |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41800-186M1 | |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41800-186M1 | |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41800-186M1 | |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41800-186M1 | |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41800-186M1 | |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41800-186M1 | |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41800-186M1 | |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41800-186M1* | |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-41800-181M1¹ | |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41800-186M1 | |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-41800-181M1¹ | |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41800-186M1 | |
| | 100 | 37 | 30 | 400 × 300 × 155 | H410-41800-181M1¹ | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41800-186M1 | | |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-41800-181M1¹ | | |

* larger terminal capacity, see page 154

¹ hinged door

Further switching programmes from page 132.

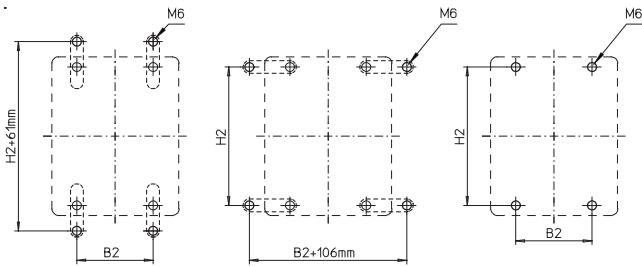
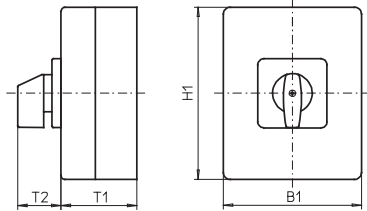
Disconnect Switches

ON-OFF Switches Enclosed Switches – Mild Steel Enclosure

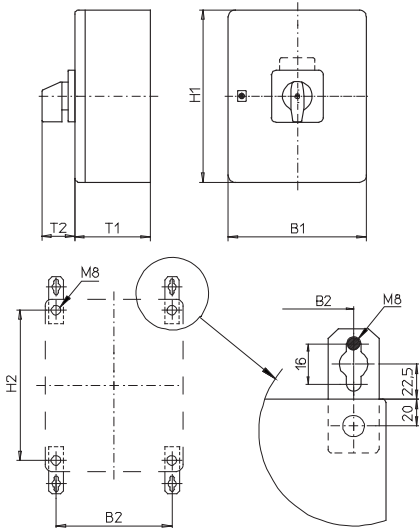
Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| H406 | 41400 | 186M1 |
| Order code no. | H406-41400-186M1 | |



Please order mounting brackets separately, see page 148.



Please order mounting brackets separately, see page 148.

Mild steel enclosure **150 × 150 × 120 mm / 200 × 150 × 120 mm / 300 × 250 × 150 mm:**

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|----|
| 086M1 | 150 | 150 | 120 | 39 | 132 | 85 |
| 186M1 | 200 | 150 | 120 | 39 | 182 | 85 |

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 086M1 | 200 | 150 | 120 | 39 | 182 | 85 |
| 186M1 | 300 | 250 | 150 | 52 | 282 | 185 |

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 186M1 | 300 | 250 | 150 | 52 | 282 | 185 |
| 986M1 | 200 | 150 | 120 | 52 | 182 | 85 |

Mild steel enclosure **400 × 300 × 155 mm:**

Types H406 / H408 / H410 / H412:



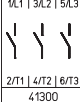
| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 181M1 | 400 | 300 | 155 | 52 | 360 | 260 |


Gland plate at the bottom

ON-OFF Switches

- Enclosed switches with stainless steel enclosure (brushed)
- Cover interlock in ON position
- 3 up to 8 pole
- 20 A up to 125 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black | IP66 |
|---|------------------------------------|---------------------------------------|-----------------|--------------------------------------|---|------|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | AC-3 (kW) | |   | |
| 41300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41300-096M1 | |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41300-196M1 | |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41300-096M1 | |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41300-196M1 | |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41300-096M1 | |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41300-196M1 | |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41300-196M1 | |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41300-096M1* | |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41300-096M1 | |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41300-096M1 | |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41300-996M1* | |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41300-196M1 | |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41300-996M1 | |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41300-196M1 | |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41300-196M1 | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41300-196M1 | | |

| | | | | | | |
|---|-----|------|-----------------|-------------------------|--------------------------|--|
| 41400 – 4 pole – without auxiliary contacts – neutral contact early make/late break  | 20 | 5.5 | 3.7 | 150 × 150 × 120 | H216-41400-096M1 | |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41400-196M1 | |
| | 25 | 7.5 | 5.5 | 150 × 150 × 120 | H220-41400-096M1 | |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41400-196M1 | |
| | 32 | 11 | 7.5 | 150 × 150 × 120 | H226-41400-096M1 | |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41400-196M1 | |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41400-196M1 | |
| | 40 | 15 | 11 | 200 × 150 × 120 | B240-41400-096M1* | |
| | 50 | 18.5 | 15 | 200 × 150 × 120 | B250-41400-096M1 | |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | B263-41400-096M1 | |
| | 63 | 22 | 18.5 | 200 × 150 × 120 | H406-41400-996M1* | |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41400-196M1 | |
| | 80 | 30 | 22 | 200 × 150 × 120 | H408-41400-996M1 | |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41400-196M1 | |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41400-196M1 | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41400-196M1 | | |

* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

ON-OFF Switches Enclosed Switches – Stainless Steel Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black |
|---|--------------------------------|----------------------------------|-----------------|--------------------------------------|--------------------------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number |
| 41600 – 6 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41600-196M1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41600-196M1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41600-196M1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41600-196M1 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41600-196M1 |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41600-196M1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41600-196M1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41600-196M1* |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41600-196M1 |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41600-196M1 |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41600-196M1 | |
| 41800 – 8 pole – without auxiliary contacts – 2 neutral contacts early make/late break | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-41800-196M1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-41800-196M1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-41800-196M1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-41800-196M1 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-41800-196M1 |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-41800-196M1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-41800-196M1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-41800-196M1* |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-41800-196M1 |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-41800-196M1 |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-41800-196M1 | |

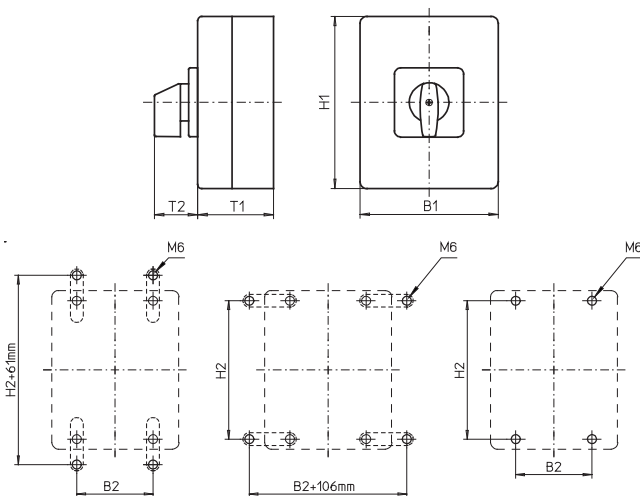
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| B240 | 41800 | 196M1 |
| Order code no. | B240-41800-196M1 | |



Please order mounting brackets separately, see page 148.

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|----|
| 096M1 | 150 | 150 | 120 | 39 | 132 | 85 |
| 196M1 | 200 | 150 | 120 | 39 | 182 | 85 |

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 096M1 | 200 | 150 | 120 | 39 | 182 | 85 |
| 196M1 | 300 | 250 | 150 | 52 | 282 | 185 |

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 196M1 | 300 | 250 | 150 | 52 | 282 | 185 |
| 996M1 | 200 | 150 | 120 | 52 | 182 | 85 |

Changeover Switches

- Front mounting switches with four hole mounting
- 3 up to 4 pole
- 20 A up to 315 A
- IP66 / IP55



| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|--|---------------------------|---------------------------------------|---------|----------------------------|--------------------------|--|--|
| | Operat. current I_e (A) | Operational power (at 380–440 V) (kW) | | | IP66 | IP66 | IP66 |
| | AC-21A | AC-23A | AC-3 | | | OFF position padlockable | all positions padlockable |
| | (A) | (kW) | (kW) | | Order code number | Order code number | Order code number |
| 71300 – 3 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 48 × 48 | H216-71300-013M1 | H216-71300-013V1 | H216-71300-014V1 |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-71300-013M1 | H220-71300-013V1 | H220-71300-014V1 |
| | 32 | 11 | 7.5 | 48 × 48 | H226-71300-013M1 | H226-71300-013V1 | H226-71300-014V1 |
| | 40 | 15 | 11 | 48 × 48 | H233-71300-013M1 | H233-71300-013V1 | H233-71300-014V1 |
| | 40 | 15 | 11 | 48 × 48 | B240-71300-013M1* | B240-71300-013V1* | B240-71300-014V1* |
| | 50 | 18.5 | 15 | 48 × 48 | B250-71300-013M1 | B250-71300-013V1 | B250-71300-014V1 |
| | 63 | 22 | 18.5 | 48 × 48 | B263-71300-013M1 | B263-71300-013V1 | B263-71300-014V1 |
| | 63 | 22 | 18.5 | 48 × 48 | H406-71300-003M1* | H406-71300-003V1* | H406-71300-004V1* |
| | 63 | 22 | 18.5 | 68 × 68 | H406-71300-013M1 | – | – |
| | 80 | 30 | 22 | 48 × 48 | H408-71300-003M1 | H408-71300-003V1 | H408-71300-004V1 |
| | 80 | 30 | 22 | 68 × 68 | H408-71300-013M1 | – | – |
| | 100 | 37 | 30 | 48 × 48 | H410-71300-003M1 | H410-71300-003V1 | H410-71300-004V1 |
| | 100 | 37 | 30 | 68 × 68 | H410-71300-013M1 | – | – |
| | 125 | 45 | 37 | 48 × 48 | H412-71300-003M1 | H412-71300-003V1 | H412-71300-004V1 |
| 125 | 45 | 37 | 68 × 68 | H412-71300-013M1 | – | – | |







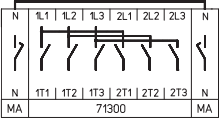
| Rated data (IEC 60947) | | | Mounting dimension (mm) | G-handle silver/black | Padlock device H-handle silver/black | Padlock device H-handle silver/black |
|---------------------------|---------------------------------------|--------|----------------------------|-------------------------|--------------------------------------|--------------------------------------|
| Operat. current I_e (A) | Operational power (at 380–440 V) (kW) | | | IP55 | IP55 | IP55 |
| | AC-21A | AC-23A | AC-3 | | OFF position padlockable | all positions padlockable |
| | (A) | (kW) | (kW) | Order code number | Order code number | Order code number |
| 160 | 75 | 45 | 68 × 68 | K616-71300-003G1 | K616-71300-003H1 | K616-71300-004H1 |
| 160 | 75 | 45 | 104 × 104 | K616-71300-013G1 | K616-71300-013H1 | K616-71300-014H1 |
| 315 | 132 | 55 | 104 × 104 | K830-71300-003G1 | K830-71300-003H1 | K830-71300-004H1 |







* larger terminal capacity, see page 154

Further switching programmes from page 132.

Disconnect Switches

Changeover Switches Front mounting Four hole mounting

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|---|------------------------|----------------------------------|-----------|--------------------------------|---|--|---|
| | Operat. current I_e | Operational power (at 380–440 V) | | |   IP66 |   OFF position padlockable IP66 |   all positions padlockable IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 71500 – 4 pole – without auxiliary contacts – neutral contact – early make/late break – neutral jumper  | 20 | 5.5 | 3.7 | 48 × 48 | H216-71500-013M1 | H216-71500-013V1 | H216-71500-014V1 |
| | 25 | 7.5 | 5.5 | 48 × 48 | H220-71500-013M1 | H220-71500-013V1 | H220-71500-014V1 |
| | 32 | 11 | 7.5 | 48 × 48 | H226-71500-013M1 | H226-71500-013V1 | H226-71500-014V1 |
| | 40 | 15 | 11 | 48 × 48 | H233-71500-013M1 | H233-71500-013V1 | H233-71500-014V1 |
| | 40 | 15 | 11 | 48 × 48 | B240-71500-013M1* | B240-71500-013V1* | B240-71500-014V1* |
| | 50 | 18.5 | 15 | 48 × 48 | B250-71500-013M1 | B250-71500-013V1 | B250-71500-014V1 |
| | 63 | 22 | 18.5 | 48 × 48 | B263-71500-013M1 | B263-71500-013V1 | B263-71500-014V1 |
| | 63 | 22 | 18.5 | 48 × 48 | H406-71500-003M1* | H406-71500-003V1* | H406-71500-004V1* |
| | 63 | 22 | 18.5 | 68 × 68 | H406-71500-013M1 | – | – |
| | 80 | 30 | 22 | 48 × 48 | H408-71500-003M1 | H408-71500-003V1 | H408-71500-004V1 |
| | 80 | 30 | 22 | 68 × 68 | H408-71500-013M1 | – | – |
| | 100 | 37 | 30 | 48 × 48 | H410-71500-003M1 | H410-71500-003V1 | H410-71500-004V1 |
| | 100 | 37 | 30 | 68 × 68 | H410-71500-013M1 | – | – |
| | 125 | 45 | 37 | 48 × 48 | H412-71500-003M1 | H412-71500-003V1 | H412-71500-004V1 |
| | 125 | 45 | 37 | 68 × 68 | H412-71500-013M1 | – | – |

| Rated data (IEC 60947) | Mounting dimension (mm) | G-handle silver/black | Padlock device H-handle silver/black | Padlock device H-handle silver/black |
|------------------------|----------------------------------|---|--|---|
| | |   IP55 |   OFF position padlockable IP55 |   all positions padlockable IP55 |
| Operat. current I_e | Operational power (at 380–440 V) | Order code number | Order code number | Order code number |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | |
| 160 | 75 | 45 | K616-71500-003G1 | K616-71500-003H1 |
| 160 | 75 | 45 | K616-71500-013G1 | K616-71500-013H1 |
| 315 | 132 | 55 | K830-71500-003G1 | K830-71500-003H1 |

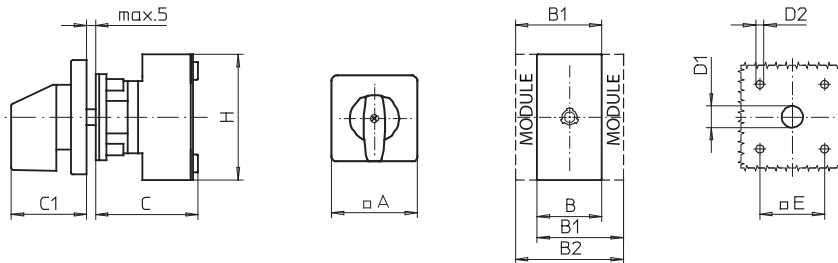
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|--|------------------|-----------|
| H412 | 71300 | 013M1 |
| Order code no. H412-71300-013M1 | | |



Types H216 / H220 / H226 / H233:

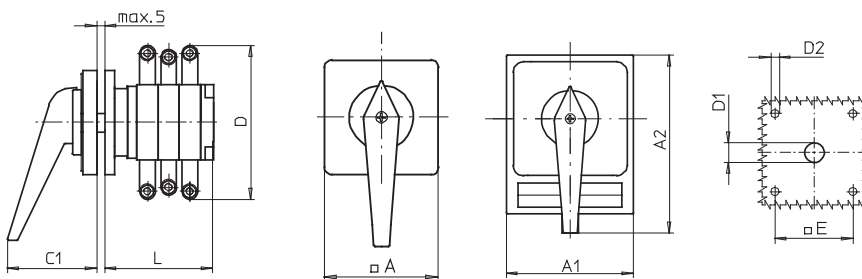
| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|----|----|----|
| 013M1 | 64 | 72 | 84 | 96 | 66 | 39 | 15 | 5 | 48 | 70 |
| 013V1 | 64 | 72 | 84 | 96 | 66 | 39 | 15 | 5 | 48 | 70 |
| 014V1 | 64 | 72 | 84 | 96 | 66 | 39 | 15 | 5 | 48 | 70 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|-----|----|----|
| 003M1 | 64 | 140 | 159 | 178 | 86 | 39 | 15 | 5 | 48 | 80 |
| 003V1 | 64 | 140 | 159 | 178 | 86 | 39 | 15 | 5 | 48 | 80 |
| 004V1 | 64 | 140 | 159 | 178 | 86 | 39 | 15 | 5 | 48 | 80 |
| 013M1 | 88 | 140 | 159 | 178 | 86 | 52 | 15 | 5.5 | 68 | 80 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|----|----|----|
| 013M1 | 64 | 100 | 119 | 138 | 70 | 39 | 15 | 5 | 48 | 72 |
| 013V1 | 64 | 100 | 119 | 138 | 70 | 39 | 15 | 5 | 48 | 72 |
| 014V1 | 64 | 100 | 119 | 138 | 70 | 39 | 15 | 5 | 48 | 72 |



Type K616:

| Mtg. form | Switching progr. | A | A1 | A2 | C1 | D* | D1 | D2 | E | L |
|-----------|------------------|-----|-----|-----|----|-----|----|-----|-----|-----|
| 003G1 | 71300 | 88 | - | - | 66 | 150 | 20 | 5.5 | 68 | 136 |
| 003G1 | 71500 | 88 | - | - | 66 | 150 | 20 | 5.5 | 68 | 168 |
| 003H1 | 71300 | - | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 136 |
| 003H1 | 71500 | - | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 168 |
| 004H1 | 71300 | - | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 136 |
| 004H1 | 71500 | - | 98 | 142 | 83 | 150 | 20 | 5.5 | 68 | 168 |
| 013G1 | 71300 | 130 | - | - | 74 | 150 | 20 | 5.5 | 104 | 136 |
| 013G1 | 71500 | 130 | - | - | 74 | 150 | 20 | 5.5 | 104 | 168 |
| 013H1 | 71300 | - | 130 | 176 | 93 | 150 | 20 | 5.5 | 104 | 136 |
| 013H1 | 71500 | - | 130 | 176 | 93 | 150 | 20 | 5.5 | 104 | 168 |
| 014H1 | 71300 | - | 130 | 176 | 93 | 150 | 20 | 5.5 | 104 | 136 |
| 014H1 | 71500 | - | 130 | 176 | 93 | 150 | 20 | 5.5 | 104 | 168 |

Type K830:

| Mtg. form | Switching progr. | A | A1 | A2 | C1 | D* | D1 | D2 | E | L |
|-----------|------------------|-----|-----|-----|----|-----|----|-----|-----|-----|
| 003G1 | 71300 | 130 | - | - | 74 | 210 | 20 | 5.5 | 104 | 161 |
| 003G1 | 71500 | 130 | - | - | 74 | 210 | 20 | 5.5 | 104 | 197 |
| 003H1 | 71300 | - | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 161 |
| 003H1 | 71500 | - | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 197 |
| 004H1 | 71300 | - | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 161 |
| 004H1 | 71500 | - | 130 | 178 | 93 | 210 | 20 | 5.5 | 104 | 197 |

Further switching programmes and corresponding dimensions for types K on request.

* terminal lugs included







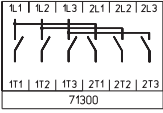
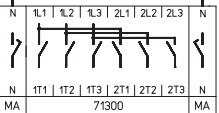
Disconnect Switches

Changeover Switches **Front mounting** Single hole mounting

Changeover Switches

- Front mounting switches with single hole mounting
- 3 up to 4 pole
- 20 A up to 40 A
- IP66

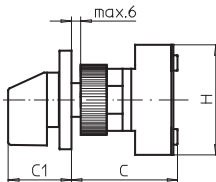
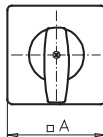
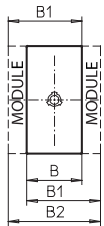
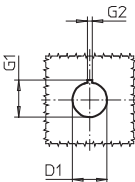


| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|---|--------------------------------|----------------------------------|-----------|----------------------------|---|--|---|
| | Operat. current I _e | Operational power (at 380–440 V) | | |   |   OFF position padlockable |   all positions padlockable |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 | IP66 |
| | | | | | Order code number | Order code number | Order code number |
| 71300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-71300-214M1 | H216-71300-214V1 | H216-71300-213V1 |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-71300-204M1 | H216-71300-204V1 | H216-71300-203V1 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-71300-214M1 | H220-71300-214V1 | H220-71300-213V1 |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-71300-204M1 | H220-71300-204V1 | H220-71300-203V1 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-71300-214M1 | H226-71300-214V1 | H226-71300-213V1 |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-71300-204M1 | H226-71300-204V1 | H226-71300-203V1 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-71300-214M1 | H233-71300-214V1 | H233-71300-213V1 |
| | 40 | 15 | 11 | ∅ 30.5 | H233-71300-204M1 | H233-71300-204V1 | H233-71300-203V1 |
| 71500 – 4 pole – without auxiliary contacts – neutral contact – neutral jumper – early make/late break – neutral jumper  | 20 | 5.5 | 3.7 | ∅ 22.5 | H216-71500-214M1 | H216-71500-214V1 | H216-71500-213V1 |
| | 20 | 5.5 | 3.7 | ∅ 30.5 | H216-71500-204M1 | H216-71500-204V1 | H216-71500-203V1 |
| | 25 | 7.5 | 5.5 | ∅ 22.5 | H220-71500-214M1 | H220-71500-214V1 | H220-71500-213V1 |
| | 25 | 7.5 | 5.5 | ∅ 30.5 | H220-71500-204M1 | H220-71500-204V1 | H220-71500-203V1 |
| | 32 | 11 | 7.5 | ∅ 22.5 | H226-71500-214M1 | H226-71500-214V1 | H226-71500-213V1 |
| | 32 | 11 | 7.5 | ∅ 30.5 | H226-71500-204M1 | H226-71500-204V1 | H226-71500-203V1 |
| | 40 | 15 | 11 | ∅ 22.5 | H233-71500-214M1 | H233-71500-214V1 | H233-71500-213V1 |
| | 40 | 15 | 11 | ∅ 30.5 | H233-71500-204M1 | H233-71500-204V1 | H233-71500-203V1 |

Further switching programmes from page 132.

Dimensions in mm:

| Setup of order code number | | |
|--|------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H216 | 71300 | 214M1 |
| Order code no. H216-71300-214M1 | | |

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|----|------|------|-----|----|
| 203V1 | 64 | 72 | 84 | 96 | 83 | 39 | 30.5 | 33 | 4.8 | 70 |
| 204M1 | 64 | 72 | 84 | 96 | 83 | 39 | 30.5 | 33 | 4.8 | 70 |
| 204V1 | 64 | 72 | 84 | 96 | 83 | 39 | 30.5 | 33 | 4.8 | 70 |
| 213V1 | 64 | 72 | 84 | 96 | 83 | 39 | 22.5 | 24.2 | 3.2 | 70 |
| 214M1 | 64 | 72 | 84 | 96 | 83 | 39 | 22.5 | 24.2 | 3.2 | 70 |
| 214V1 | 64 | 72 | 84 | 96 | 83 | 39 | 22.5 | 24.2 | 3.2 | 70 |

Changeover Switches

- Base mounting switches with snap-on mounting
- for DIN rail
- 3 up to 4 pole
- 20 A up to 125 A
- IP30



| Switching programme | Rated data (IEC 60947) | | | Escutcheon dimension for 45 mm aperture in Panel/Distribution boards (H × W) (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|--|------------------------------------|--|-----------|---|--------------------------|--|--|
| | Operat. current I _o (A) | Operational power (at 380–440 V) AC-23A (kW) | AC-3 (kW) | | IP30 | OFF position padlockable IP30 | all positions padlockable IP30 |
| 71300 – 3 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 45 × 76 | IP30 | IP30 | IP30 |
| | 25 | 7.5 | 5.5 | 45 × 76 | H216-71300-026M1 | H216-71300-028V1 | H216-71300-027V1 |
| | 32 | 11 | 7.5 | 45 × 76 | H220-71300-026M1 | H220-71300-028V1 | H220-71300-027V1 |
| | 40 | 15 | 11 | 45 × 76 | H226-71300-026M1 | H226-71300-028V1 | H226-71300-027V1 |
| | 40 | 15 | 11 | 45 × 105 | H233-71300-026M1 | H233-71300-028V1 | H233-71300-027V1 |
| | 50 | 18.5 | 15 | 45 × 105 | B240-71300-026M1* | B240-71300-028V1* | B240-71300-027V1* |
| | 63 | 22 | 18.5 | 45 × 105 | B250-71300-026M1 | B250-71300-028V1 | B250-71300-027V1 |
| | 63 | 22 | 18.5 | 45 × 72 | B263-71300-026M1 | B263-71300-028V1 | B263-71300-027V1 |
| | 80 | 30 | 22 | 45 × 72 | H406-71300-126M1* | H406-71300-128V1* | H406-71300-127V1* |
| | 100 | 37 | 30 | 45 × 72 | H408-71300-126M1 | H408-71300-128V1 | H408-71300-127V1 |
| | 125 | 45 | 37 | 45 × 72 | H410-71300-126M1 | H410-71300-128V1 | H410-71300-127V1 |
| | | | | | H412-71300-126M1 | H412-71300-128V1 | H412-71300-127V1 |
| 71500 – 4 pole – without auxiliary contacts – neutral contact – early make/late break – neutral jumper | 20 | 5.5 | 3.7 | 45 × 76 | IP30 | IP30 | IP30 |
| | 25 | 7.5 | 5.5 | 45 × 76 | H216-71500-026M1 | H216-71500-028V1 | H216-71500-027V1 |
| | 32 | 11 | 7.5 | 45 × 76 | H220-71500-026M1 | H220-71500-028V1 | H220-71500-027V1 |
| | 40 | 15 | 11 | 45 × 76 | H226-71500-026M1 | H226-71500-028V1 | H226-71500-027V1 |
| | 40 | 15 | 11 | 45 × 105 | H233-71500-026M1 | H233-71500-028V1 | H233-71500-027V1 |
| | 50 | 18.5 | 15 | 45 × 105 | B240-71500-026M1* | B240-71500-028V1* | B240-71500-027V1* |
| | 63 | 22 | 18.5 | 45 × 105 | B250-71500-026M1 | B250-71500-028V1 | B250-71500-027V1 |
| | 63 | 22 | 18.5 | 45 × 72 | B263-71500-026M1 | B263-71500-028V1 | B263-71500-027V1 |
| | 80 | 30 | 22 | 45 × 72 | H406-71500-126M1* | H406-71500-128V1* | H406-71500-127V1* |
| | 100 | 37 | 30 | 45 × 72 | H408-71500-126M1 | H408-71500-128V1 | H408-71500-127V1 |
| | 125 | 45 | 37 | 45 × 72 | H410-71500-126M1 | H410-71500-128V1 | H410-71500-127V1 |
| | | | | | H412-71500-126M1 | H412-71500-128V1 | H412-71500-127V1 |

* larger terminal capacity, see page 154

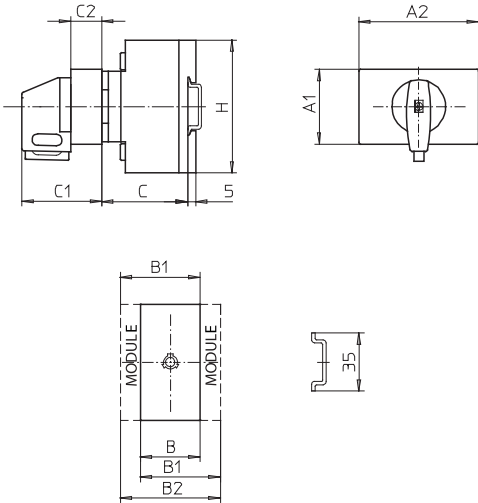
Further switching programmes from page 132.

Disconnect Switches

Changeover Switches **Base mounting** Snap-on mounting for DIN rail

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H406 | 71300 | 128V1 |
| Order code no. | H406-71300-128V1 | |



Types H216 / H220 / H226 / H233:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|----|----|----|----|------|------|----|
| 026M1 | 45 | 76 | 72 | 84 | 96 | 40 | 51.5 | 25.5 | 70 |
| 027V1 | 45 | 76 | 72 | 84 | 96 | 40 | 51.5 | 25.5 | 70 |
| 028V1 | 45 | 76 | 72 | 84 | 96 | 40 | 51.5 | 25.5 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|-----|-----|-----|-----|----|------|------|----|
| 026M1 | 45 | 105 | 100 | 119 | 138 | 40 | 51.5 | 25.5 | 72 |
| 027V1 | 45 | 105 | 100 | 119 | 138 | 40 | 51.5 | 25.5 | 72 |
| 028V1 | 45 | 105 | 100 | 119 | 138 | 40 | 51.5 | 25.5 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A1 | A2 | B | B1 | B2 | C | C1 | C2 | H |
|-----------|----|----|-----|-----|-----|----|----|----|----|
| 126M1 | 45 | 72 | 140 | 159 | 178 | 67 | 48 | 16 | 80 |
| 127V1 | 45 | 72 | 140 | 159 | 178 | 67 | 48 | 16 | 80 |
| 128V1 | 45 | 72 | 140 | 159 | 178 | 67 | 48 | 16 | 80 |

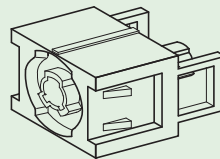
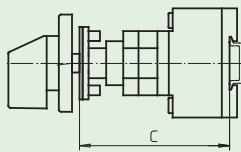
Changeover Switches

- Base mounting switches with snap-on mounting
- Door interlock
- 3 up to 4 pole
- 20 A up to 125 A
- **IP66**
- with modular or metal shaft extension
- Single or four hole front mounting



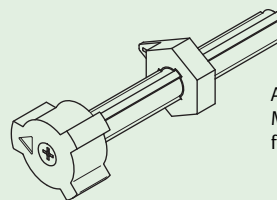
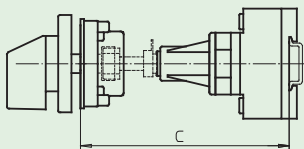
Base mounting switches with snap-on mounting and door interlock are offered with two different extensions:

1. Switches with **modular shaft extensions** can be extended with additional modules (modular shaft extensions see picture) which can be fixed to achieve different required mounting depths – dimension C. The modules therefore are detailed on page 145.

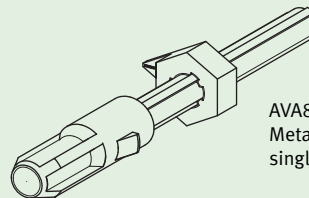
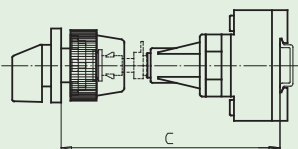


AVC2/AVC4
Modular shaft extension

2. For switches with **metal shaft extension** the metal shaft is not included in the scope of delivery and has to be ordered separately. Data for mounting dimension C and for the different types of metal shafts can be found on page 146.









AVB8
Metal shaft extension for
four hole front mounting



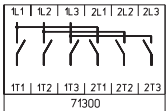
AVA8
Metal shaft extension for
single hole front mounting

Disconnect Switches

Changeover Switches Base mounting Snap-on mounting with door interlock

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|---------------------|------------------------|----------------------------------|-----------|---------------------------------|---|--|---|
| | Operat. current I_e | Operational power (at 380–440 V) | | |   |   OFF position padlockable |   all positions padlockable |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 | IP66 |
| | | | | | Order code number | Order code number | Order code number |

71300
– 3 pole
– without auxiliary contacts



Modular shaft extension:

→ Modular shaft extensions see page 145!

| 20 | 25 | 32 | 40 | 40 | 50 | 63 | 63 | 80 | 100 | 125 |
|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| 5.5 | 7.5 | 11 | 15 | 15 | 18.5 | 22 | 22 | 30 | 37 | 45 |
| 3.7 | 5.5 | 7.5 | 11 | 11 | 15 | 18.5 | 18.5 | 22 | 30 | 37 |
| 48 x 48 | 48 x 48 | 48 x 48 | 48 x 48 | 48 x 48 | 48 x 48 | 48 x 48 | 48 x 48 | 48 x 48 | 48 x 48 | 48 x 48 |
| H216-71300-248M1 | H220-71300-248M1 | H226-71300-248M1 | H233-71300-248M1 | B240-71300-248M1* | B250-71300-248M1 | B263-71300-248M1 | H406-71300-242M1* | H408-71300-242M1 | H410-71300-242M1 | H412-71300-242M1 |
| H216-71300-248V1 | H220-71300-248V1 | H226-71300-248V1 | H233-71300-248V1 | B240-71300-248V1* | B250-71300-248V1 | B263-71300-248V1 | H406-71300-242V1* | H408-71300-242V1 | H410-71300-242V1 | H412-71300-242V1 |
| H216-71300-249V1 | H220-71300-249V1 | H226-71300-249V1 | H233-71300-249V1 | B240-71300-249V1* | B250-71300-249V1 | B263-71300-249V1 | H406-71300-243V1* | H408-71300-243V1 | H410-71300-243V1 | H412-71300-243V1 |

Metal shaft extension:

→ Metal shaft is not included. Please order separately, see page 146!

| 20 | 20 | 25 | 25 | 32 | 32 | 40 | 40 | 40 | 40 | 50 | 50 | 63 | 63 | 63 | 63 | 80 | 80 | 100 | 100 | 125 | 125 |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 5.5 | 5.5 | 7.5 | 7.5 | 11 | 11 | 15 | 15 | 15 | 15 | 18.5 | 18.5 | 22 | 22 | 22 | 22 | 30 | 30 | 37 | 37 | 45 | 45 |
| 3.7 | 3.7 | 5.5 | 5.5 | 7.5 | 7.5 | 11 | 11 | 11 | 11 | 15 | 15 | 18.5 | 18.5 | 18.5 | 18.5 | 22 | 22 | 30 | 30 | 37 | 37 |
| 48 x 48 | ∅ 22.5 | 48 x 48 | ∅ 22.5 | 48 x 48 | ∅ 22.5 | 48 x 48 | 48 x 48 | 48 x 48 | 48 x 48 | 48 x 48 | ∅ 22.5 | 48 x 48 | 48 x 48 | ∅ 22.5 | ∅ 22.5 | 48 x 48 | ∅ 22.5 | 48 x 48 | 48 x 48 | 48 x 48 | ∅ 22.5 |
| H216-71300-482M1 | H216-71300-285M1 | H220-71300-482M1 | H220-71300-285M1 | H226-71300-482M1 | H226-71300-285M1 | H233-71300-482M1 | B240-71300-482M1* | H233-71300-285M1 | B240-71300-285M1* | B250-71300-482M1 | B250-71300-285M1 | B263-71300-482M1 | H406-71300-481M1* | B263-71300-285M1 | H406-71300-283M1* | H408-71300-481M1 | H408-71300-283M1 | H410-71300-481M1 | H410-71300-283M1 | H412-71300-481M1 | H412-71300-283M1 |
| H216-71300-482V1 | H216-71300-285V1 | H220-71300-482V1 | H220-71300-285V1 | H226-71300-482V1 | H226-71300-285V1 | H233-71300-482V1 | B240-71300-482V1* | H233-71300-285V1 | B240-71300-285V1* | B250-71300-482V1 | B250-71300-285V1 | B263-71300-482V1 | H406-71300-481V1* | B263-71300-285V1 | H406-71300-283V1* | H408-71300-481V1 | H408-71300-283V1 | H410-71300-481V1 | H410-71300-283V1 | H412-71300-481V1 | H412-71300-283V1 |
| H216-71300-449V1 | H216-71300-291V1 | H220-71300-449V1 | H220-71300-291V1 | H226-71300-449V1 | H226-71300-291V1 | H233-71300-449V1 | B240-71300-449V1* | H233-71300-291V1 | B240-71300-291V1* | B250-71300-449V1 | B250-71300-291V1 | B263-71300-449V1 | H406-71300-485V1* | B263-71300-291V1 | H406-71300-293V1* | H408-71300-485V1 | H408-71300-293V1 | H410-71300-485V1 | H410-71300-293V1 | H412-71300-485V1 | H412-71300-293V1 |

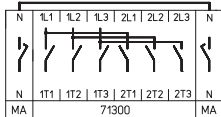
* larger terminal capacity, see page 154

Further switching programmes from page 132.

| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (front) (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|---------------------|------------------------|----------------------------------|-----------|---------------------------------|-----------------------|--|--|
| | Operat. current I_e | Operational power (at 380–440 V) | | | IP66 | OFF position padlockable IP66 | all positions padlockable IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |

71500

- 4 pole
- without auxiliary contacts
- neutral contact
- early make/late break
- neutral jumper



Modular shaft extension:

→ Modular shaft extensions see page 145!

| 20 | 5.5 | 3.7 | 48 x 48 | H216-71500-248M1 | H216-71500-248V1 | H216-71500-249V1 |
|-----|------|------|---------|-------------------|-------------------|-------------------|
| 25 | 7.5 | 5.5 | 48 x 48 | H220-71500-248M1 | H220-71500-248V1 | H220-71500-249V1 |
| 32 | 11 | 7.5 | 48 x 48 | H226-71500-248M1 | H226-71500-248V1 | H226-71500-249V1 |
| 40 | 15 | 11 | 48 x 48 | H233-71500-248M1 | H233-71500-248V1 | H233-71500-249V1 |
| 40 | 15 | 11 | 48 x 48 | B240-71500-248M1* | B240-71500-248V1* | B240-71500-249V1* |
| 50 | 18.5 | 15 | 48 x 48 | B250-71500-248M1 | B250-71500-248V1 | B250-71500-249V1 |
| 63 | 22 | 18.5 | 48 x 48 | B263-71500-248M1 | B263-71500-248V1 | B263-71500-249V1 |
| 63 | 22 | 18.5 | 48 x 48 | H406-71500-242M1* | H406-71500-242V1* | H406-71500-243V1* |
| 80 | 30 | 22 | 48 x 48 | H408-71500-242M1 | H408-71500-242V1 | H408-71500-243V1 |
| 100 | 37 | 30 | 48 x 48 | H410-71500-242M1 | H410-71500-242V1 | H410-71500-243V1 |
| 125 | 45 | 37 | 48 x 48 | H412-71500-242M1 | H412-71500-242V1 | H412-71500-243V1 |

Metal shaft extension:

→ Metal shaft is not included. Please order separately, see page 146!

| 20 | 5.5 | 3.7 | 48 x 48 | H216-71500-482M1 | H216-71500-482V1 | H216-71500-449V1 |
|-----|------|------|---------|-------------------|-------------------|-------------------|
| 20 | 5.5 | 3.7 | ∅ 22.5 | H216-71500-285M1 | H216-71500-285V1 | H216-71500-291V1 |
| 25 | 7.5 | 5.5 | 48 x 48 | H220-71500-482M1 | H220-71500-482V1 | H220-71500-449V1 |
| 25 | 7.5 | 5.5 | ∅ 22.5 | H220-71500-285M1 | H220-71500-285V1 | H220-71500-291V1 |
| 32 | 11 | 7.5 | 48 x 48 | H226-71500-482M1 | H226-71500-482V1 | H226-71500-449V1 |
| 32 | 11 | 7.5 | ∅ 22.5 | H226-71500-285M1 | H226-71500-285V1 | H226-71500-291V1 |
| 40 | 15 | 11 | 48 x 48 | H233-71500-482M1 | H233-71500-482V1 | H233-71500-449V1 |
| 40 | 15 | 11 | 48 x 48 | B240-71500-482M1* | B240-71500-482V1* | B240-71500-449V1* |
| 40 | 15 | 11 | ∅ 22.5 | H233-71500-285M1 | H233-71500-285V1 | H233-71500-291V1 |
| 40 | 15 | 11 | ∅ 22.5 | B240-71500-285M1* | B240-71500-285V1* | B240-71500-291V1* |
| 50 | 18.5 | 15 | 48 x 48 | B250-71500-482M1 | B250-71500-482V1 | B250-71500-449V1 |
| 50 | 18.5 | 15 | ∅ 22.5 | B250-71500-285M1 | B250-71500-285V1 | B250-71500-291V1 |
| 63 | 22 | 18.5 | 48 x 48 | B263-71500-482M1 | B263-71500-482V1 | B263-71500-449V1 |
| 63 | 22 | 18.5 | 48 x 48 | H406-71500-481M1* | H406-71500-481V1* | H406-71500-485V1* |
| 63 | 22 | 18.5 | ∅ 22.5 | B263-71500-285M1 | B263-71500-285V1 | B263-71500-291V1 |
| 63 | 22 | 18.5 | ∅ 22.5 | H406-71500-283M1* | H406-71500-283V1* | H406-71500-293V1* |
| 80 | 30 | 22 | 48 x 48 | H408-71500-481M1 | H408-71500-481V1 | H408-71500-485V1 |
| 80 | 30 | 22 | ∅ 22.5 | H408-71500-283M1 | H408-71500-283V1 | H408-71500-293V1 |
| 100 | 37 | 30 | 48 x 48 | H410-71500-481M1 | H410-71500-481V1 | H410-71500-485V1 |
| 100 | 37 | 30 | ∅ 22.5 | H410-71500-283M1 | H410-71500-283V1 | H410-71500-293V1 |
| 125 | 45 | 37 | 48 x 48 | H412-71500-481M1 | H412-71500-481V1 | H412-71500-485V1 |
| 125 | 45 | 37 | ∅ 22.5 | H412-71500-283M1 | H412-71500-283V1 | H412-71500-293V1 |

* larger terminal capacity, see page 154

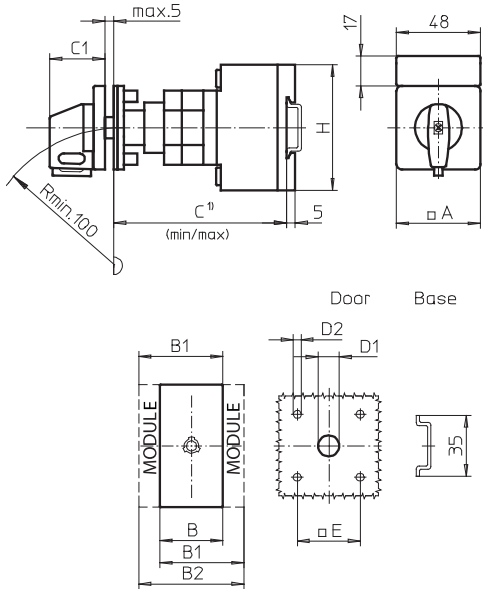
Further switching programmes from page 132.

Disconnect Switches

Changeover Switches **Base mounting** Snap-on mounting with door interlock

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H233 | 71500 | 482V1 |
| Order code no. | H233-71500-482V1 | |



¹⁾ Internal depth: inside of door to top of DIN rail, dimensions with shaft extension see page 145.

Door interlock with **modular shaft extension**: Four hole front mounting

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|------------------|------------------|----|----|----|----|----|
| 248M1 | 64 | 72 | 84 | 96 | 100 | 115 | 39 | 15 | 5 | 48 | 70 |
| 248V1 | 64 | 72 | 84 | 96 | 100 | 115 | 39 | 15 | 5 | 48 | 70 |
| 249V1 | 64 | 72 | 84 | 96 | 100 | 115 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|------------------|------------------|----|----|----|----|----|
| 248M1 | 64 | 100 | 119 | 138 | 104 | 119 | 39 | 15 | 5 | 48 | 72 |
| 248V1 | 64 | 100 | 119 | 138 | 104 | 119 | 39 | 15 | 5 | 48 | 72 |
| 249V1 | 64 | 100 | 119 | 138 | 104 | 119 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C _{min} | C _{max} | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|------------------|------------------|----|----|----|----|----|
| 242M1 | 64 | 140 | 159 | 178 | 115 | 130 | 40 | 15 | 5 | 48 | 80 |
| 242V1 | 64 | 140 | 159 | 178 | 115 | 130 | 40 | 15 | 5 | 48 | 80 |
| 243V1 | 64 | 140 | 159 | 178 | 115 | 130 | 40 | 15 | 5 | 48 | 80 |

Door interlock with **metal shaft extension**: Four hole front mounting

Types H216 / H220 / H226 / H233:

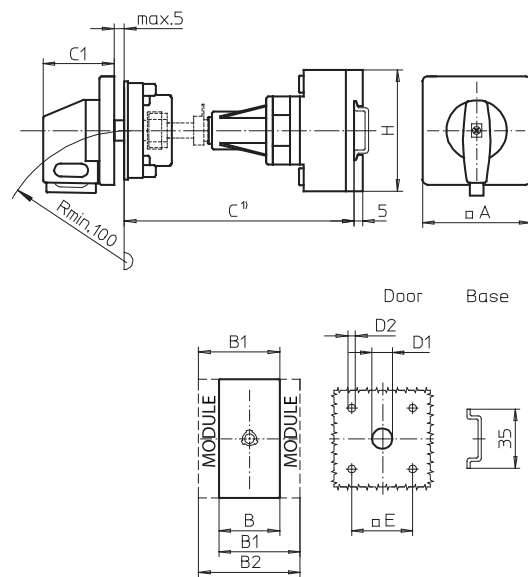
| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|----|----|----|----|----|----|----|----|
| 449V1 | 64 | 72 | 84 | 96 | 39 | 15 | 5 | 48 | 70 |
| 482M1 | 64 | 72 | 84 | 96 | 39 | 15 | 5 | 48 | 70 |
| 482V1 | 64 | 72 | 84 | 96 | 39 | 15 | 5 | 48 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|----|----|
| 449V1 | 64 | 100 | 119 | 138 | 39 | 15 | 5 | 48 | 72 |
| 482M1 | 64 | 100 | 119 | 138 | 39 | 15 | 5 | 48 | 72 |
| 482V1 | 64 | 100 | 119 | 138 | 39 | 15 | 5 | 48 | 72 |

Types H406 / H408 / H410 / H412:

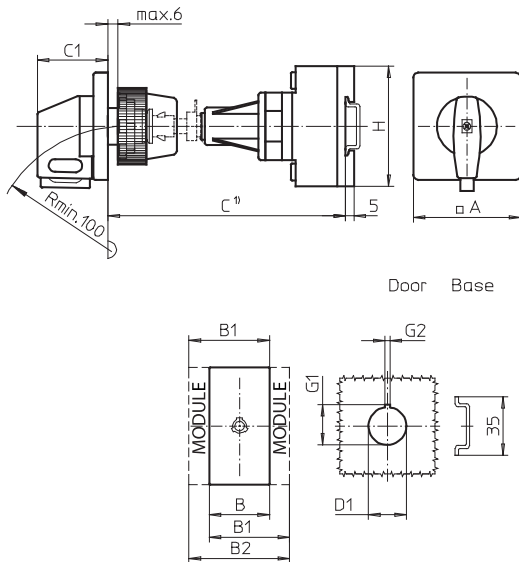
| Mtg. form | A | B | B1 | B2 | C1 | D1 | D2 | E | H |
|-----------|----|-----|-----|-----|----|----|----|----|----|
| 481M1 | 64 | 140 | 159 | 178 | 40 | 15 | 5 | 48 | 80 |
| 481V1 | 64 | 140 | 159 | 178 | 40 | 15 | 5 | 48 | 80 |
| 485V1 | 64 | 140 | 159 | 178 | 40 | 15 | 5 | 48 | 80 |



¹⁾ Internal depth: inside of door to top of DIN rail, dimensions see page 146.

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| B240 | 71500 | 285V1 |
| Order code no. | B240-71500-285V1 | |



¹⁾ Internal depth: outside of door to top of DIN rail, dimensions see page 146.

Door interlock with **metal shaft extension**: Single hole front mounting

Types H216 / H220 / H226 / H233:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|----|----|----|----|------|------|-----|----|
| 285M1 | 64 | 72 | 84 | 96 | 39 | 22.5 | 24.2 | 3.2 | 70 |
| 285V1 | 64 | 72 | 84 | 96 | 39 | 22.5 | 24.2 | 3.2 | 70 |
| 291V1 | 64 | 72 | 84 | 96 | 39 | 22.5 | 24.2 | 3.2 | 70 |

Types B240 / B250 / B263:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|-----|-----|-----|----|------|------|-----|----|
| 285M1 | 64 | 100 | 119 | 138 | 39 | 22.5 | 24.2 | 3.2 | 72 |
| 285V1 | 64 | 100 | 119 | 138 | 39 | 22.5 | 24.2 | 3.2 | 72 |
| 291V1 | 64 | 100 | 119 | 138 | 39 | 22.5 | 24.2 | 3.2 | 72 |

Types H406 / H408 / H410 / H412:

| Mtg. form | A | B | B1 | B2 | C1 | D1 | G1 | G2 | H |
|-----------|----|-----|-----|-----|----|------|------|-----|----|
| 283V1 | 64 | 140 | 159 | 178 | 39 | 22.5 | 24.2 | 3.2 | 80 |
| 293V1 | 64 | 140 | 159 | 178 | 39 | 22.5 | 24.2 | 3.2 | 80 |
| 283M1 | 64 | 140 | 159 | 178 | 39 | 22.5 | 24.2 | 3.2 | 80 |




Disconnect Switches

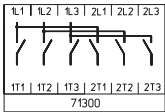
Changeover Switches **Base mounting** Four hole mounting with door interlock

Changeover Switches

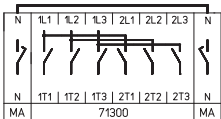
- Base mounting switches with four hole mounting and door interlock
- 3 up to 4 pole
- 160 A up to 315 A
- IP55



| Switching programme | Rated data (IEC 60947) | | | Mounting dimension (base/front) (mm) | G-handle silver/black | Padlock device H-handle silver/black | Padlock device H-handle silver/black |
|--|---------------------------|---------------------------------------|----|--------------------------------------|--|--|--|
| | Operat. current I_n (A) | Operational power (at 380–440 V) (kW) | | | IP55 | OFF position padlockable | all positions padlockable |
| 71300 – 3 pole – without auxiliary contacts | 160 | 75 | 45 | 68 × 68 / 68 × 68 |  IP55 |  IP55 |  IP55 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | Order code number K616-71300-042G1 | Order code number K616-71300-042H1 | Order code number K616-71300-043H1 |
| | | | | | Order code number K830-71300-042G1 | Order code number K830-71300-042H1 | Order code number K830-71300-043H1 |

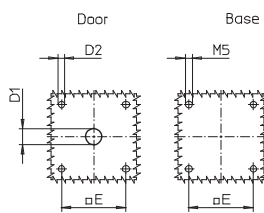
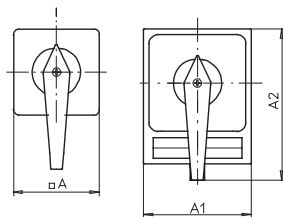
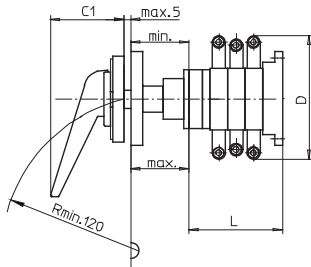


| | | | | | | | |
|--|-----|-----|----|-----------------------|-------------------------|-------------------------|-------------------------|
| 71500 – 4 pole – without auxiliary contacts – neutral contact – early make/late break – neutral jumper | 160 | 75 | 45 | 68 × 68 / 68 × 68 | K616-71500-042G1 | K616-71500-042H1 | K616-71500-043H1 |
| | 315 | 132 | 55 | 104 × 104 / 104 × 104 | K830-71500-042G1 | K830-71500-042H1 | K830-71500-043H1 |



Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| K830 | 71300 | 042G1 |
| Order code no. | K830-71300-042G1 | |



Type K616:

| Mtg. form | Switching progr. | A | A1 | A2 | C1 | D* | D1 | D2 | E | min | max | L |
|-----------|------------------|----|----|-----|----|-----|----|-----|----|-----|-----|-----|
| 042G1 | 71300 | 88 | - | - | 66 | 150 | 15 | 5.5 | 68 | 48 | 60 | 136 |
| 042G1 | 71500 | 88 | - | - | 66 | 150 | 15 | 5.5 | 68 | 48 | 60 | 168 |
| 042H1 | 71300 | - | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 136 |
| 042H1 | 71500 | - | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 168 |
| 043H1 | 71300 | - | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 136 |
| 043H1 | 71500 | - | 98 | 142 | 83 | 150 | 15 | 5.5 | 68 | 48 | 60 | 168 |

Type K830:

| Mtg. form | Switching progr. | A | A1 | A2 | C1 | D* | D1 | D2 | E | min | max | L |
|-----------|------------------|-----|-----|-----|----|-----|----|-----|-----|-----|-----|-----|
| 042G1 | 71300 | 130 | - | - | 74 | 210 | 20 | 5.5 | 104 | 75 | 102 | 161 |
| 042G1 | 71500 | 130 | - | - | 74 | 210 | 20 | 5.5 | 104 | 75 | 102 | 197 |
| 042H1 | 71300 | - | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 161 |
| 042H1 | 71500 | - | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 197 |
| 043H1 | 71300 | - | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 161 |
| 043H1 | 71500 | - | 130 | 176 | 93 | 210 | 20 | 5.5 | 104 | 75 | 102 | 197 |

* terminal lugs included

Further switching programmes and corresponding dimensions for types K on request.

Disconnect Switches

Changeover Switches Enclosed Switches – Insulated Enclosure

Changeover Switches

- Enclosed switches with insulated enclosure (polycarbonate)
- Cover interlock in position 1 and 2
- 3 up to 4 pole
- 20 A up to 315 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|--|------------------------------------|---------------------------------------|-----------------|--------------------------------------|--------------------------------------|--|--|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | | IP66 | OFF position padlockable IP66 | all positions padlockable IP66 |
| | AC-21A | AC-23A | AC-3 | | Order code number | Order code number | Order code number |
| 71300 – 3 pole – without auxiliary contacts | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-71300-732M1 | H216-71300-732V1 | H216-71300-728V1 |
| | 20 | 5.5 | 3.7 | 280 × 190 × 130 | H216-71300-772M1 | H216-71300-772V1 | H216-71300-773V1 |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-71300-732M1 | H220-71300-732V1 | H220-71300-728V1 |
| | 25 | 7.5 | 5.5 | 280 × 190 × 130 | H220-71300-772M1 | H220-71300-772V1 | H220-71300-773V1 |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-71300-732M1 | H226-71300-732V1 | H226-71300-728V1 |
| | 32 | 11 | 7.5 | 280 × 190 × 130 | H226-71300-772M1 | H226-71300-772V1 | H226-71300-773V1 |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-71300-732M1 | H233-71300-732V1 | H233-71300-728V1 |
| | 40 | 15 | 11 | 280 × 190 × 130 | H233-71300-772M1 | H233-71300-772V1 | H233-71300-773V1 |
| | 40 | 15 | 11 | 280 × 190 × 130 | B240-71300-772M1*¹ | B240-71300-772V1*¹ | B240-71300-773V1*¹ |
| | 40 | 15 | 11 | 320 × 220 × 180 | B240-71300-978M1 | – | – |
| | 50 | 18.5 | 15 | 280 × 190 × 130 | B250-71300-772M1¹ | B250-71300-772V1¹ | B250-71300-773V1¹ |
| | 50 | 18.5 | 15 | 320 × 220 × 180 | B250-71300-978M1 | – | – |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | B263-71300-772M1¹ | B263-71300-772V1¹ | B263-71300-773V1¹ |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | B263-71300-978M1 | – | – |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | H406-71300-976M1* | – | – |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-71300-576M1 | – | – |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-71300-976M1 | – | – |
| | 80 | 30 | 22 | 440 × 320 × 180 | H408-71300-576M1 | – | – |
| | 100 | 37 | 30 | 320 × 220 × 180 | H410-71300-976M1 | – | – |
| | 100 | 37 | 30 | 440 × 320 × 180 | H410-71300-576M1 | – | – |
| 125 | 45 | 37 | 320 × 220 × 180 | H412-71300-976M1 | – | – | |
| 125 | 45 | 37 | 440 × 320 × 180 | H412-71300-576M1 | – | – | |

* larger terminal capacity, see page 154

¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

Further switching programmes from page 132.

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black | Padlock device H-handle silver/black |
|--|--------------------------------|----------------------------------|-----------|--------------------------------------|--------------------------------------|--------------------------------------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | OFF position padlockable IP66 | all positions padlockable IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number |
| 71300 – 3 pole – without auxiliary contacts | 40 | 15 | 11 | 320 × 220 × 180 | B240-71300-976H1 | B240-71300-979H1 |
| | 50 | 18.5 | 15 | 320 × 220 × 180 | B250-71300-976H1 | B250-71300-979H1 |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | B263-71300-976H1 | B263-71300-979H1 |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | H406-71300-976H1* | H406-71300-979H1* |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-71300-576H1 | H406-71300-579H1 |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-71300-976H1 | H408-71300-979H1 |
| | 80 | 30 | 22 | 440 × 320 × 180 | H408-71300-576H1 | H408-71300-579H1 |
| | 100 | 37 | 30 | 320 × 220 × 180 | H410-71300-976H1 | H410-71300-979H1 |
| | 100 | 37 | 30 | 440 × 320 × 180 | H410-71300-576H1 | H410-71300-579H1 |
| | 125 | 45 | 37 | 320 × 220 × 180 | H412-71300-976H1 | H412-71300-979H1 |
| | 125 | 45 | 37 | 440 × 320 × 180 | H412-71300-576H1 | H412-71300-579H1 |
| | 160 | 75 | 45 | 440 × 320 × 255 | K616-71300-176H1 | – |
| | 315 | 132 | 55 | 640 × 320 × 330 | K830-71300-176H1 | – |

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|--|--------------------------------|----------------------------------|-----------|--------------------------------------|--------------------------------------|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | | IP66 | OFF position padlockable IP66 | all positions padlockable IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 71500 – 4 pole – without auxiliary contacts – neutral contact – early make/late break – neutral link | 20 | 5.5 | 3.7 | 250 × 160 × 120 | H216-71500-732M1 | H216-71500-732V1 | H216-71500-728V1 |
| | 20 | 5.5 | 3.7 | 280 × 190 × 130 | H216-71500-772M1 | H216-71500-772V1 | H216-71500-773V1 |
| | 25 | 7.5 | 5.5 | 250 × 160 × 120 | H220-71500-732M1 | H220-71500-732V1 | H220-71500-728V1 |
| | 25 | 7.5 | 5.5 | 280 × 190 × 130 | H220-71500-772M1 | H220-71500-772V1 | H220-71500-773V1 |
| | 32 | 11 | 7.5 | 250 × 160 × 120 | H226-71500-732M1 | H226-71500-732V1 | H226-71500-728V1 |
| | 32 | 11 | 7.5 | 280 × 190 × 130 | H226-71500-772M1 | H226-71500-772V1 | H226-71500-773V1 |
| | 40 | 15 | 11 | 250 × 160 × 120 | H233-71500-732M1 | H233-71500-732V1 | H233-71500-728V1 |
| | 40 | 15 | 11 | 280 × 190 × 130 | H233-71500-772M1 | H233-71500-772V1 | H233-71500-773V1 |
| | 40 | 15 | 11 | 280 × 190 × 130 | B240-71500-772M1*¹ | B240-71500-772V1*¹ | B240-71500-773V1*¹ |
| | 40 | 15 | 11 | 320 × 220 × 180 | B240-71500-978M1 | – | – |
| | 50 | 18.5 | 15 | 280 × 190 × 130 | B250-71500-772M1¹ | B250-71500-772V1¹ | B250-71500-773V1¹ |
| | 50 | 18.5 | 15 | 320 × 220 × 180 | B250-71500-978M1 | – | – |
| | 63 | 22 | 18.5 | 280 × 190 × 130 | B263-71500-772M1¹ | B263-71500-772V1¹ | B263-71500-773V1¹ |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | B263-71500-978M1 | – | – |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | H406-71500-976M1* | – | – |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-71500-576M1 | – | – |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-71500-976M1 | – | – |
| | 80 | 30 | 22 | 440 × 320 × 180 | H408-71500-576M1 | – | – |
| | 100 | 37 | 30 | 320 × 220 × 180 | H410-71500-976M1 | – | – |
| | 100 | 37 | 30 | 440 × 320 × 180 | H410-71500-576M1 | – | – |
| | 125 | 45 | 37 | 320 × 220 × 180 | H412-71500-976M1 | – | – |
| | 125 | 45 | 37 | 440 × 320 × 180 | H412-71500-576M1 | – | – |

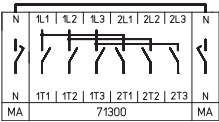
* larger terminal capacity, see page 154

¹ Terminal capacity max. 16 mm² on N-terminal and/or PE-terminal

Further switching programmes from page 132.

Disconnect Switches

Changeover Switches Enclosed Switches – Insulated Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black | Padlock device H-handle silver/black |
|--|--------------------------------|----------------------------------|-----------|--------------------------------------|--------------------------------------|--------------------------------------|
| | Operat. current I _e | Operational power (at 380–440 V) | | | OFF position padlockable | all positions padlockable |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | IP66 | IP66 |
| | | | | | Order code number | Order code number |
| 71500 – 4 pole – without auxiliary contacts – neutral contact early make/late break – neutral link  | 40 | 15 | 11 | 320 × 220 × 180 | B240-71500-976H1 | B240-71500-979H1 |
| | 50 | 18.5 | 15 | 320 × 220 × 180 | B250-71500-976H1 | B250-71500-979H1 |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | B263-71500-976H1 | B263-71500-979H1 |
| | 63 | 22 | 18.5 | 320 × 220 × 180 | H406-71500-976H1* | H406-71500-979H1* |
| | 63 | 22 | 18.5 | 440 × 320 × 180 | H406-71500-576H1 | H406-71500-579H1 |
| | 80 | 30 | 22 | 320 × 220 × 180 | H408-71500-976H1 | H408-71500-979H1 |
| | 80 | 30 | 22 | 440 × 320 × 180 | H408-71500-576H1 | H408-71500-579H1 |
| | 100 | 37 | 30 | 320 × 220 × 180 | H410-71500-976H1 | H410-71500-979H1 |
| | 100 | 37 | 30 | 440 × 320 × 180 | H410-71500-576H1 | H410-71500-579H1 |
| | 125 | 45 | 37 | 320 × 220 × 180 | H412-71500-976H1 | H412-71500-979H1 |
| | 125 | 45 | 37 | 440 × 320 × 180 | H412-71500-576H1 | H412-71500-579H1 |
| | 160 | 75 | 45 | 440 × 320 × 255 | K616-71500-176H1 | – |
| | 315 | 132 | 55 | 640 × 320 × 330 | K830-71500-176H1 | – |

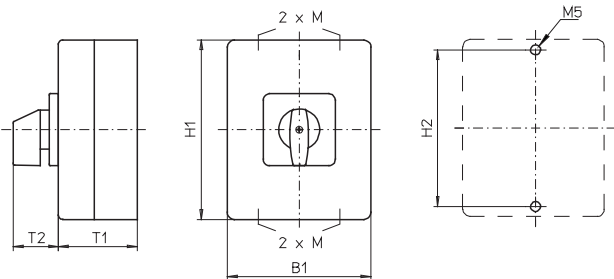
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|----------------|-------------------------|-----------|
| H216 | 71300 | 732M1 |
| Order code no. | H216-71300-732M1 | |



Insulated enclosure 250 × 160 × 120 mm:

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 728V1 | 250 | 160 | 120 | 39 | 32/40 | 235 |
| 732M1 | 250 | 160 | 120 | 39 | 32/40 | 235 |
| 732V1 | 250 | 160 | 120 | 39 | 32/40 | 235 |

Insulated enclosures 280 × 190 × 130 mm and 320 × 220 × 180 mm:

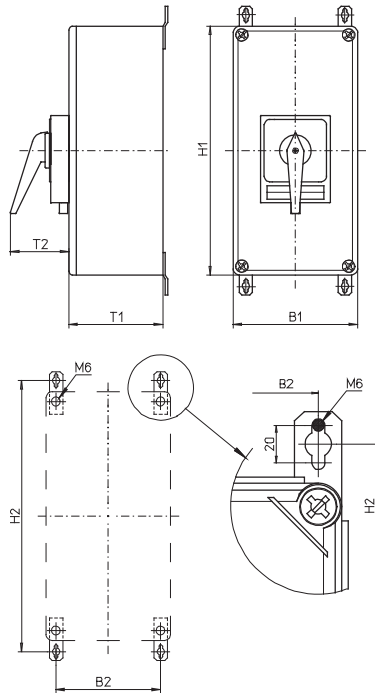
Types H216 / H220 / H226 / H233 / B240 / B250 / B263 / H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | 2×M | H2 | B2 |
|-----------|-----|-----|-----|----|----------------|-----|-----|
| 772M1 | 280 | 190 | 130 | 39 | 40×1.5 | 254 | 164 |
| 772V1 | 280 | 190 | 130 | 39 | 40×1.5 | 254 | 164 |
| 773V1 | 280 | 190 | 130 | 39 | 40×1.5 | 254 | 164 |
| 976M1 | 320 | 220 | 180 | 52 | – ¹ | 293 | 193 |
| 976H1 | 320 | 220 | 180 | 83 | – ¹ | 293 | 193 |
| 978M1 | 320 | 220 | 180 | 52 | – ¹ | 293 | 193 |
| 979H1 | 320 | 220 | 180 | 83 | – ¹ | 293 | 193 |

¹ Blank gland plates

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| K830 | 71500 | 176H1 |
| Order code no. | K830-71500-176H1 | |



Mounting brackets are included.

Insulated enclosures **440 × 320 × 180 mm / 440 × 320 × 255 mm / 640 × 320 × 330 mm:**

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 576H1 | 440 | 320 | 180 | 83 | 480 | 293 |
| 576M1 | 440 | 320 | 180 | 52 | 480 | 293 |
| 579H1 | 440 | 320 | 180 | 83 | 480 | 293 |

Type K616:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 176H1 | 440 | 320 | 255 | 83 | 480 | 293 |

Type K830:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 176H1 | 640 | 320 | 330 | 93 | 680 | 293 |

Further switching programmes and corresponding dimensions for types K on request.

Blank gland plates

Disconnect Switches

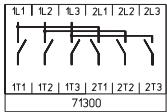
Changeover Switches Enclosed Switches – Insulated Enclosure for EMV/EMC application

Changeover Switches

- Enclosed switches with insulated enclosure (polycarbonate)
- EMV/EMC application, connection system for the uninterrupted connection of shielded/screened cables consisting of shroud and 4 shroud clamps \varnothing 12–16 mm
- Cover interlock in position 1 and 2
- 3 pole
- 20 A up to 40 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H x W x D) (mm) | M-handle silver/black |
|--|---------------------------|---------------------------------------|------|--------------------------------------|-------------------------|
| | Operat. current I_e (A) | Operational power (at 380–440 V) (kW) | | | IP66 |
| 71300 – 3 pole – without auxiliary contacts | AC-21A | AC-23A | AC-3 | | Order code number |
| | (A) | (kW) | (kW) | | |
| | 20 | 5.5 | 3.7 | 175 x 115 x 100 | H216-71300-727M1 |
| | 25 | 7.5 | 5.5 | 175 x 115 x 100 | H220-71300-727M1 |
| | 32 | 11 | 7.5 | 175 x 115 x 100 | H226-71300-727M1 |
| | 40 | 15 | 11 | 175 x 115 x 100 | H233-71300-727M1 |



Further switching programmes from page 132.

Dimensions in mm:

| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H216 | 71300 | 727M1 |
| Order code no. | H216-71300-727M1 | |

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | 2xM | H2 |
|-----------|-----|-----|-----|----|-------|-----|
| 727M1 | 175 | 115 | 100 | 39 | 20/25 | 165 |

Changeover Switches

- Enclosed switches with mild steel enclosure (powder coated – RAL 7035)
- Cover interlock in position 1 and 2
- 3 up to 4 pole
- 20 A up to 315 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|---|------------------------------------|---------------------------------------|-----------------|--------------------------------------|-------------------------------------|--|--|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | | IP66 | IP66 | IP66 |
| 71300 – 3 pole – without auxiliary contacts | AC-21A | AC-23A | AC-3 | | Order code number | Order code number | Order code number |
| | 20 | 5.5 | 3.7 | 200 × 150 × 120 | IP66 | OFF position padlockable IP66 | all positions padlockable IP66 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H216-71300-188M1 | H216-71300-186V1 | H216-71300-188V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H220-71300-188M1 | H220-71300-186V1 | H220-71300-188V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H226-71300-188M1 | H226-71300-186V1 | H226-71300-188V1 |
| | 40 | 15 | 11 | 300 × 250 × 150 | H233-71300-188M1 | H233-71300-186V1 | H233-71300-188V1 |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B240-71300-188M1 | B240-71300-186V1 | B240-71300-188V1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B250-71300-188M1 | B250-71300-186V1 | B250-71300-188V1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-71300-188M1 | B263-71300-186V1 | B263-71300-188V1 |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-71300-186M1* | – | – |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-71300-181M1¹ | – | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-71300-186M1 | – | – |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-71300-181M1¹ | – | – |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-71300-186M1 | – | – |
| | 100 | 37 | 30 | 400 × 300 × 155 | H410-71300-181M1¹ | – | – |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-71300-186M1 | – | – | |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-71300-181M1¹ | – | – | |

| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black | Padlock device H-handle silver/black |
|------------------------------------|---------------------------------------|------|--------------------------------------|--------------------------------------|--------------------------------------|
| Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | | IP66 | IP66 |
| AC-21A | AC-23A | AC-3 | | Order code number | Order code number |
| 63 | 22 | 18.5 | 300 × 250 × 150 | OFF position padlockable IP66 | all positions padlockable IP66 |
| 63 | 22 | 18.5 | 400 × 300 × 155 | H406-71300-186H1 | H406-71300-189H1 |
| 80 | 30 | 22 | 300 × 250 × 150 | H406-71300-183H1¹ | – |
| 80 | 30 | 22 | 400 × 300 × 155 | H408-71300-186H1 | H408-71300-189H1 |
| 80 | 30 | 22 | 400 × 300 × 155 | H408-71300-183H1¹ | – |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-71300-186H1 | H410-71300-189H1 |
| 100 | 37 | 30 | 400 × 300 × 155 | H410-71300-183H1¹ | – |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-71300-186H1 | H412-71300-189H1 |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-71300-183H1¹ | – |
| 160 | 75 | 45 | 500 × 400 × 300 | K616-71300-186H1¹ | – |
| 315 | 132 | 55 | 600 × 400 × 300 | K830-71300-186H1¹ | – |
| 315 | 132 | 55 | 800 × 400 × 300 | K830-71300-286H1¹ | – |

* larger terminal capacity, see page 154

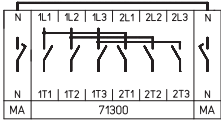
¹ hinged door

Further switching programmes from page 132.

Disconnect Switches

Changeover Switches Enclosed Switches – Mild Steel Enclosure

| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|--|--------------------------------|----------------------------------|-----------------|--------------------------------------|-------------------------------------|--|--|
| | Operat. current I _e | Operational power (at 380–440 V) | | | IP66 | OFF position padlockable IP66 | all positions padlockable IP66 |
| | AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | Order code number |
| 71500 – 4 pole – without auxiliary contacts – neutral contact – early make/late break – neutral jumper | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-71500-188M1 | H216-71500-186V1 | H216-71500-188V1 |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-71500-188M1 | H220-71500-186V1 | H220-71500-188V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-71500-188M1 | H226-71500-186V1 | H226-71500-188V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-71500-188M1 | H233-71500-186V1 | H233-71500-188V1 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-71500-188M1 | B240-71500-186V1 | B240-71500-188V1 |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-71500-188M1 | B250-71500-186V1 | B250-71500-188V1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-71500-188M1 | B263-71500-186V1 | B263-71500-188V1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-71500-186M1* | – | – |
| | 63 | 22 | 18.5 | 400 × 300 × 155 | H406-71500-181M1¹ | – | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-71500-186M1 | – | – |
| | 80 | 30 | 22 | 400 × 300 × 155 | H408-71500-181M1¹ | – | – |
| | 100 | 37 | 30 | 300 × 250 × 150 | H410-71500-186M1 | – | – |
| | 100 | 37 | 30 | 400 × 300 × 155 | H410-71500-181M1¹ | – | – |
| | 125 | 45 | 37 | 300 × 250 × 150 | H412-71500-186M1 | – | – |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-71500-181M1¹ | – | – | |



| Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | Padlock device H-handle silver/black | Padlock device H-handle silver/black | |
|--------------------------------|----------------------------------|-----------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| Operat. current I _e | Operational power (at 380–440 V) | | | OFF position padlockable IP66 | all positions padlockable IP66 | |
| AC-21A (A) | AC-23A (kW) | AC-3 (kW) | | Order code number | Order code number | |
| 63 | 22 | 18.5 | 300 × 250 × 150 | H406-71500-186H1 | H406-71500-189H1 | |
| 63 | 22 | 18.5 | 400 × 300 × 155 | H406-71500-183H1¹ | – | |
| 80 | 30 | 22 | 300 × 250 × 150 | H408-71500-186H1 | H408-71500-189H1 | |
| 80 | 30 | 22 | 400 × 300 × 155 | H408-71500-183H1¹ | – | |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-71500-186H1 | H410-71500-189H1 | |
| 100 | 37 | 30 | 400 × 300 × 155 | H410-71500-183H1¹ | – | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-71500-186H1 | H412-71500-189H1 | |
| 125 | 45 | 37 | 400 × 300 × 155 | H412-71500-183H1¹ | – | |
| 160 | 75 | 45 | 500 × 400 × 300 | K616-71500-186H1¹ | – | |
| 315 | 132 | 55 | 600 × 400 × 300 | K830-71500-186H1¹ | – | |
| 315 | 132 | 55 | 800 × 400 × 300 | K830-71500-286H1¹ | – | |

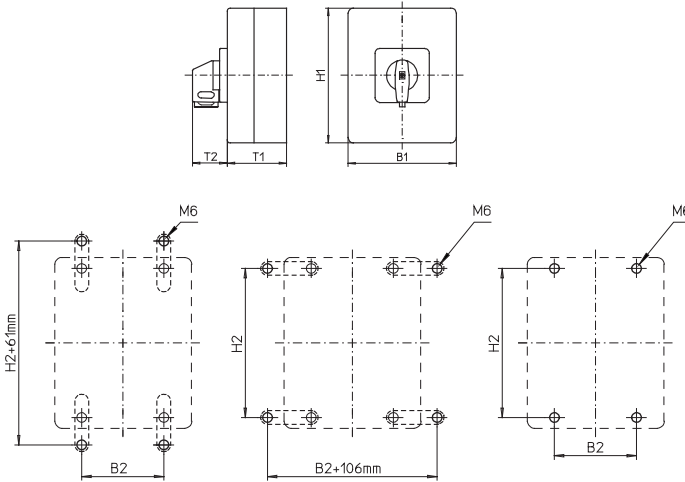
* larger terminal capacity, see page 154

¹ hinged door

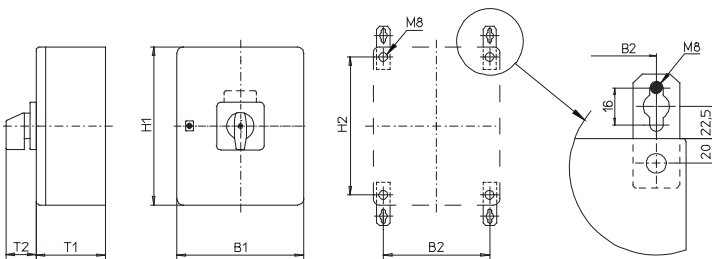
Further switching programmes from page 132.

Dimensions in mm:

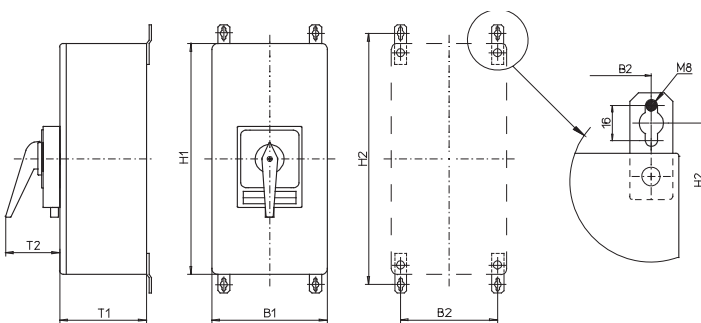
| Setup of order code number | | |
|----------------------------|-------------------------|-----------|
| Type | Switching progr. | Mtg. form |
| H226 | 71500 | 186V1 |
| Order code no. | H226-71500-186V1 | |



Please order mounting brackets separately, see page 148.



Please order mounting brackets separately, see page 148.



Mounting brackets are included.

Mild steel enclosure **200 × 150 × 120 mm**
and **300 × 250 × 150 mm**:

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|----|
| 186V1 | 200 | 150 | 120 | 39 | 182 | 85 |
| 188M1 | 200 | 150 | 120 | 39 | 182 | 85 |
| 188V1 | 200 | 150 | 120 | 39 | 182 | 85 |

Types B240 / B250 / B263:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 186V1 | 300 | 250 | 150 | 39 | 282 | 185 |
| 188M1 | 300 | 250 | 150 | 52 | 282 | 185 |
| 188V1 | 300 | 250 | 150 | 39 | 282 | 185 |

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 186H1 | 300 | 250 | 150 | 83 | 282 | 185 |
| 186M1 | 300 | 250 | 150 | 52 | 282 | 185 |
| 189H1 | 300 | 250 | 150 | 83 | 282 | 185 |

Mild steel enclosure **400 × 300 × 155 mm**:

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 181M1 | 400 | 300 | 155 | 52 | 360 | 260 |
| 183H1 | 400 | 300 | 155 | 45 | 282 | 185 |

Gland plate at the bottom

Mild steel enclosure **500 × 400 × 300 mm /**
600 × 400 × 300 mm / 800 × 400 × 300 mm:

Type K616:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 186H1 | 500 | 400 | 300 | 83 | 545 | 360 |

Type K830:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 186H1 | 600 | 400 | 300 | 93 | 645 | 360 |
| 286H1 | 800 | 400 | 300 | 93 | 845 | 360 |

Further switching programmes and corresponding dimensions for types K on request.

Gland plate at the bottom

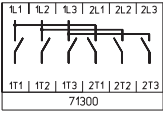




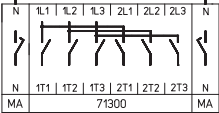
Disconnect Switches

Changeover Switches Enclosed Switches – Stainless Steel Enclosure

Changeover Switches

- Enclosed switches with stainless steel enclosure (brushed)
- Cover interlock in position 1 and 2
- 3 up to 4 pole
- 20 A up to 125 A
- IP66



| Switching programme | Rated data (IEC 60947) | | | Enclosure dimension (H × W × D) (mm) | M-handle silver/black | Padlockable handle V-handle silver/black | Padlockable handle V-handle silver/black |
|---|------------------------------------|---------------------------------------|-----------------|--------------------------------------|--|---|--|
| | Operat. current I _e (A) | Operational power (at 380–440 V) (kW) | | | IP66 | OFF position padlockable IP66 | all positions padlockable IP66 |
| 71300 – 3 pole – without auxiliary contacts  | 20 | 5.5 | 3.7 | 200 × 150 × 120 |   IP66 |   OFF position padlockable IP66 |   all positions padlockable IP66 |
| | Order code number | | | | Order code number | Order code number | Order code number |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H216-71300-198M1 | H216-71300-196V1 | H216-71300-198V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H220-71300-198M1 | H220-71300-196V1 | H220-71300-198V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H226-71300-198M1 | H226-71300-196V1 | H226-71300-198V1 |
| | 40 | 15 | 11 | 300 × 250 × 150 | H233-71300-198M1 | H233-71300-196V1 | H233-71300-198V1 |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B240-71300-198M1 | B240-71300-196V1 | B240-71300-198V1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B250-71300-198M1 | B250-71300-196V1 | B250-71300-198V1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-71300-198M1 | B263-71300-196V1 | B263-71300-198V1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-71300-196M1* | – | – |
| 80 | 30 | 22 | 300 × 250 × 150 | H408-71300-196M1 | – | – | |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-71300-196M1 | – | – | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-71300-196M1 | – | – | |
| 71500 – 4 pole – without auxiliary contacts – neutral contact – early make/late break – neutral jumper  | 20 | 5.5 | 3.7 | 200 × 150 × 120 | H216-71500-198M1 | H216-71500-196V1 | H216-71500-198V1 |
| | Order code number | | | | Order code number | Order code number | Order code number |
| | 25 | 7.5 | 5.5 | 200 × 150 × 120 | H220-71500-198M1 | H220-71500-196V1 | H220-71500-198V1 |
| | 32 | 11 | 7.5 | 200 × 150 × 120 | H226-71500-198M1 | H226-71500-196V1 | H226-71500-198V1 |
| | 40 | 15 | 11 | 200 × 150 × 120 | H233-71500-198M1 | H233-71500-196V1 | H233-71500-198V1 |
| | 40 | 15 | 11 | 300 × 250 × 150 | B240-71500-198M1 | B240-71500-196V1 | B240-71500-198V1 |
| | 50 | 18.5 | 15 | 300 × 250 × 150 | B250-71500-198M1 | B250-71500-196V1 | B250-71500-198V1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | B263-71500-198M1 | B263-71500-196V1 | B263-71500-198V1 |
| | 63 | 22 | 18.5 | 300 × 250 × 150 | H406-71500-196M1* | – | – |
| | 80 | 30 | 22 | 300 × 250 × 150 | H408-71500-196M1 | – | – |
| 100 | 37 | 30 | 300 × 250 × 150 | H410-71500-196M1 | – | – | |
| 125 | 45 | 37 | 300 × 250 × 150 | H412-71500-196M1 | – | – | |

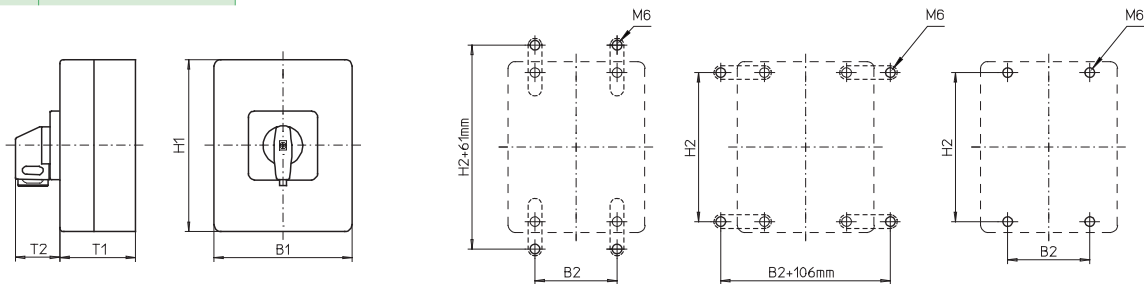
* larger terminal capacity, see page 154

Further switching programmes from page 132.

Dimensions in mm:

Setup of order code number

| Type | Switching progr. | Mtg. form |
|--|------------------|-----------|
| B263 | 71300 | 198V1 |
| Order code no. B263-71300-198V1 | | |



Please order mounting brackets separately, see page 148.

Types H216 / H220 / H226 / H233:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|----|
| 196V1 | 200 | 150 | 120 | 39 | 182 | 85 |
| 198M1 | 200 | 150 | 120 | 39 | 182 | 85 |
| 198V1 | 200 | 150 | 120 | 39 | 182 | 85 |

Types H406 / H408 / H410 / H412:

| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 196M1 | 300 | 250 | 150 | 52 | 282 | 185 |
| 196V1 | 300 | 250 | 150 | 39 | 282 | 185 |
| 198V1 | 300 | 250 | 150 | 39 | 282 | 185 |

Types B240 / B250 / B263:


| Mtg. form | H1 | B1 | T1 | T2 | H2 | B2 |
|-----------|-----|-----|-----|----|-----|-----|
| 196V1 | 300 | 250 | 150 | 39 | 282 | 185 |
| 198M1 | 300 | 250 | 150 | 52 | 282 | 185 |
| 198V1 | 300 | 250 | 150 | 39 | 282 | 185 |

Disconnect Switches


Technical Information Switching diagrams

Switching diagrams 41200–41311


Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, 2 pole

| | |
|---|--------------------|
|  | 1/L1 3/L2 5/L3 |
| | 2/T1 4/T2 6/T3 |
| SMD | 41200 |


Switching programme 41200
2 pole without auxiliary contacts

| | | |
|---|--------------------|---------|
|  | 1/L1 3/L2 5/L3 | 21 13 |
| | 2/T1 4/T2 6/T3 | 22 14 |
| SMD | 41200 | MB |


Switching programme 41211
2 pole with 2 auxiliary contacts
1 n/o late make/early break + 1 n/c

| | | |
|---|--------------------|---------|
|  | 1/L1 3/L2 5/L3 | 33 43 |
| | 2/T1 4/T2 6/T3 | 34 44 |
| SMD | 41200 | MD |


Switching programme 41220
2 pole with 2 auxiliary contacts
2 n/o late make/early break

| | | | |
|---|---------|--------------------|---------|
|  | 24 32 | 1/L1 3/L2 5/L3 | 21 13 |
| | 23 31 | 2/T1 4/T2 6/T3 | 22 14 |
| SMD | MC | 41200 | MB |

Switching programme 41222
2 pole with 4 auxiliary contacts
2 n/o late make/early break + 2 n/c


| | | | |
|---|---------|--------------------|---------|
|  | 44 34 | 1/L1 3/L2 5/L3 | 21 13 |
| | 43 33 | 2/T1 4/T2 6/T3 | 22 14 |
| SMD | MD | 41200 | MB |

Switching programme 41231
2 pole with 4 auxiliary contacts
3 n/o late make/early break + 1 n/c


| | | | |
|---|---------|--------------------|---------|
|  | 64 54 | 1/L1 3/L2 5/L3 | 33 43 |
| | 63 53 | 2/T1 4/T2 6/T3 | 34 44 |
| SMD | ME | 41200 | MD |

Switching programme 41240
2 pole with 4 auxiliary contacts
4 n/o late make/early break

Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, 3 pole

| | |
|---|--------------------|
|  | 1/L1 3/L2 5/L3 |
| | 2/T1 4/T2 6/T3 |
| SMD | 41300 |

Switching programme 41300
3 pole without auxiliary contacts

| | | |
|---|--------------------|---------|
|  | 1/L1 3/L2 5/L3 | 21 13 |
| | 2/T1 4/T2 6/T3 | 22 14 |
| SMD | 41300 | MB |

Switching programme 41311
3 pole with 2 auxiliary contacts
1 n/o late make/early break + 1 n/c

Switching diagrams 41320–41420

Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, 3 pole

| | | |
|------------------|--------------------|---------|
| 41320 | 1/L1 3/L2 5/L3 | 33 43 |
| | 2/T1 4/T2 6/T3 | 34 44 |
| SMD | 41300 | MD |

Switching programme 41320
 3 pole with 2 auxiliary contacts
 2 n/o late make/early break

| | | | |
|------------------|---------|--------------------|---------|
| 41322 | 24 32 | 1/L1 3/L2 5/L3 | 21 13 |
| | 23 31 | 2/T1 4/T2 6/T3 | 22 14 |
| SMD | MC | 41300 | MB |

Switching programme 41322
 3 pole with 4 auxiliary contacts
 2 n/o late make/early break + 2 n/c

| | | | |
|------------------|---------|--------------------|---------|
| 41331 | 44 34 | 1/L1 3/L2 5/L3 | 21 13 |
| | 43 33 | 2/T1 4/T2 6/T3 | 22 14 |
| SMD | MD | 41300 | MB |

Switching programme 41331
 3 pole with 4 auxiliary contacts
 3 n/o late make/early break + 1 n/c

| | | | |
|------------------|---------|--------------------|---------|
| 41340 | 64 54 | 1/L1 3/L2 5/L3 | 33 43 |
| | 63 53 | 2/T1 4/T2 6/T3 | 34 44 |
| SMD | ME | 41300 | MD |

Switching programme 41340
 3 pole with 4 auxiliary contacts
 4 n/o late make/early break

Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, 4 pole

| | | |
|------------------|--------------------|----|
| 41400 | 1/L1 3/L2 5/L3 | N |
| | 2/T1 4/T2 6/T3 | N |
| SMD | 41300 | MA |

Switching programme 41400
 4 pole without auxiliary contacts
 Neutral contact early make/late break

| | | | |
|------------------|---------|--------------------|----|
| 41411 | 14 22 | 1/L1 3/L2 5/L3 | N |
| | 13 21 | 2/T1 4/T2 6/T3 | N |
| SMD | MB | 41300 | MA |

Switching programme 41411
 4 pole with 2 auxiliary contacts
 1 n/o late make/early break + 1 n/c
 Neutral contact early make/late break

| | | | |
|------------------|---------|--------------------|----|
| 41420 | 44 34 | 1/L1 3/L2 5/L3 | N |
| | 43 33 | 2/T1 4/T2 6/T3 | N |
| SMD | MD | 41300 | MA |

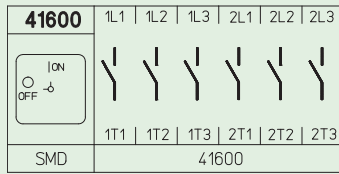
Switching programme 41420
 4 pole with 2 auxiliary contacts
 2 n/o late make/early break
 Neutral contact early make/late break

Disconnect Switches

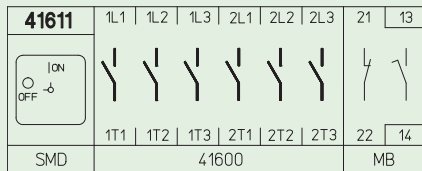
Technical Information Switching diagrams

Switching diagrams 41600–41800

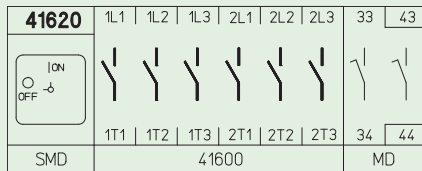
Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, 6 pole



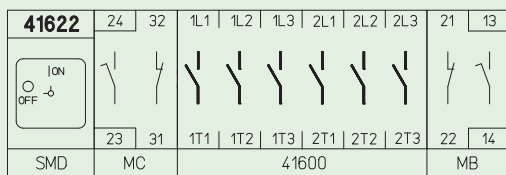
Switching programme 41600
6 pole without auxiliary contacts



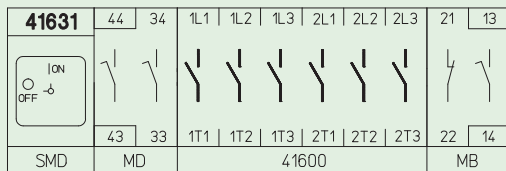
Switching programme 41611
6 pole with 2 auxiliary contacts
1 n/o late make/early break + 1 n/c



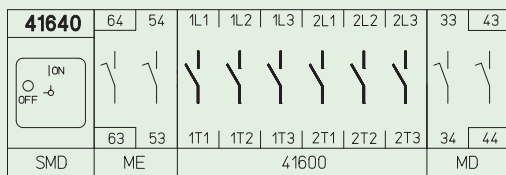
Switching programme 41620
6 pole with 2 auxiliary contacts
2 n/o late make/early break



Switching programme 41622
6 pole with 4 auxiliary contacts
2 n/o late make/early break + 2 n/c

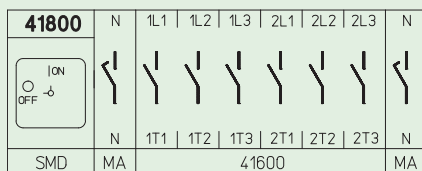


Switching programme 41631
6 pole with 4 auxiliary contacts
3 n/o late make/early break + 1 n/c



Switching programme 41640
6 pole with 4 auxiliary contacts
4 n/o late make/early break

ON-OFF Switches, 8 pole



Switching programme 41800
8 pole without auxiliary contacts
2 neutral contacts early make/late break

Switching diagrams 42400–42800

Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, with main contact module

| | | | | |
|--------------|------------------------|--|-------|----|
| 42400 | 1/L1 3/L2 5/L3 7 | | 41300 | MO |
| | 2/T1 4/T2 6/T3 8 | | | |
| SMD | | | | |

Switching programme 42400
4 pole without auxiliary contacts

| | | | | |
|--------------|----------------------------------|--|-------|----|
| 42411 | 14 22 1/L1 3/L2 5/L3 7 | | 41300 | MO |
| | 13 21 2/T1 4/T2 6/T3 8 | | | |
| SMD | MB | | | |

Switching programme 42411
4 pole with 2 auxiliary contacts
1 n/o late make/early break + 1 n/c

| | | | | |
|--------------|----------------------------------|--|-------|----|
| 42420 | 44 34 1/L1 3/L2 5/L3 7 | | 41300 | MO |
| | 43 33 2/T1 4/T2 6/T3 8 | | | |
| SMD | MD | | | |

Switching programme 42420
4 pole with 2 auxiliary contacts
2 n/o late make/early break

| | | | | |
|--------------|----------------------------|--|-------|----|
| 42500 | 9 1/L1 3/L2 5/L3 7 | | 41300 | MO |
| | 0 2/T1 4/T2 6/T3 8 | | | |
| SMD | MP | | | |

Switching programme 42500
5 pole without auxiliary contacts

| | | | | |
|--------------|---|--|-------|----|
| 42700 | 1/L1 1/L2 1/L3 2/L1 2/L2 2/L3 7 | | 41600 | MO |
| | 1/T1 1/T2 1/T3 2/T1 2/T2 2/T3 8 | | | |
| SMD | | | | |

Switching programme 42700
7 pole without auxiliary contacts

| | | | | |
|--------------|---|--|-------|----|
| 42711 | 14 22 1/L1 1/L2 1/L3 2/L1 2/L2 2/L3 7 | | 41600 | MO |
| | 13 21 1/T1 1/T2 1/T3 2/T1 2/T2 2/T3 8 | | | |
| SMD | MB | | | |

Switching programme 42711
7 pole with 2 auxiliary contacts
1 n/o late make/early break + 1 n/c

| | | | | |
|--------------|---|--|-------|----|
| 42720 | 44 34 1/L1 1/L2 1/L3 2/L1 2/L2 2/L3 7 | | 41600 | MO |
| | 43 33 1/T1 1/T2 1/T3 2/T1 2/T2 2/T3 8 | | | |
| SMD | MD | | | |

Switching programme 42720
7 pole with 2 auxiliary contacts
2 n/o late make/early break

| | | | | |
|--------------|---|--|-------|----|
| 42800 | 9 1/L1 1/L2 1/L3 2/L1 2/L2 2/L3 7 | | 41600 | MO |
| | 0 1/T1 1/T2 1/T3 2/T1 2/T2 2/T3 8 | | | |
| SMD | MP | | | |

Switching programme 42800
8 pole without auxiliary contacts

Disconnect Switches

Technical Information Switching diagrams

Switching diagrams 45300–47200

Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, with N and PE-terminal

| | | | | | |
|--------------|----|-------|------|------|----|
| 45300 | PE | 1/L1 | 3/L2 | 5/L3 | N |
| | | | | | |
| | PE | 2/T1 | 4/T2 | 6/T3 | N |
| SMD | MG | 41300 | | | MF |

Switching programme 45300
3 pole without auxiliary contacts
with N and PE-terminal

| | | | | | | | |
|--------------|----|----|-------|------|------|----|----|
| 45311 | PE | N | 1/L1 | 3/L2 | 5/L3 | 21 | 13 |
| | | | | | | | |
| | PE | N | 2/T1 | 4/T2 | 6/T3 | 22 | 14 |
| SMD | MG | MF | 41300 | | | MB | |

Switching programme 45311
3 pole with 2 auxiliary contacts
1 n/o late make/early break + 1 n/c
with N and PE-terminal

| | | | | | | | |
|--------------|----|----|-------|------|------|----|----|
| 45320 | PE | N | 1/L1 | 3/L2 | 5/L3 | 33 | 43 |
| | | | | | | | |
| | PE | N | 2/T1 | 4/T2 | 6/T3 | 34 | 44 |
| SMD | MG | MF | 41300 | | | MD | |

Switching programme 45320
3 pole with 2 auxiliary contacts
2 n/o late make/early break
with N and PE-terminal

Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, with N-terminal

| | | | | |
|--------------|-------|------|------|----|
| 46300 | 1/L1 | 3/L2 | 5/L3 | N |
| | | | | |
| | 2/T1 | 4/T2 | 6/T3 | N |
| SMD | 41300 | | | MF |

Switching programme 46300
3 pole without auxiliary contacts
with N-terminal

| | | | | | | |
|--------------|----|----|-------|------|------|----|
| 46311 | 14 | 22 | 1/L1 | 3/L2 | 5/L3 | N |
| | | | | | | |
| | 13 | 21 | 2/T1 | 4/T2 | 6/T3 | N |
| SMD | MB | | 41300 | | | MF |

Switching programme 46311
3 pole with 2 auxiliary contacts
1 n/o late make/early break + 1 n/c
with N-terminal

| | | | | | | |
|--------------|----|----|-------|------|------|----|
| 46320 | 44 | 34 | 1/L1 | 3/L2 | 5/L3 | N |
| | | | | | | |
| | 43 | 33 | 2/T1 | 4/T2 | 6/T3 | N |
| SMD | MD | | 41300 | | | MF |

Switching programme 46320
3 pole with 2 auxiliary contacts
2 n/o late make/early break
with N-terminal

Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, with PE-terminal

| | | | | |
|--------------|-------|------|------|----|
| 47200 | 1/L1 | 3/L2 | 5/L3 | PE |
| | | | | |
| | 2/T1 | 4/T2 | 6/T3 | PE |
| SMD | 41200 | | | MG |

Switching programme 47200
2 pole without auxiliary contacts
with PE-terminal

Switching diagrams 47211–71200

Main/Emergency-Off Switches · Main Switches · ON-OFF Switches, with PE-terminal

| | | | | | | |
|--------------|----|----|-------|------|------|----|
| 47211 | 14 | 22 | 1/L1 | 3/L2 | 5/L3 | PE |
| | | | | | | |
| SMD | 13 | 21 | 2/T1 | 4/T2 | 6/T3 | PE |
| | MB | | 41200 | | | MG |

Switching programme 47211
 2 pole with 2 auxiliary contacts
 1 n/o late make/early break + 1 n/c
 with PE-terminal

| | | | | | | |
|--------------|----|----|-------|------|------|----|
| 47220 | 44 | 34 | 1/L1 | 3/L2 | 5/L3 | PE |
| | | | | | | |
| SMD | 43 | 33 | 2/T1 | 4/T2 | 6/T3 | PE |
| | MD | | 41200 | | | MG |

Switching programme 47220
 2 pole with 2 auxiliary contacts
 2 n/o late make/early break
 with PE-terminal

| | | | | |
|--------------|-------|------|------|----|
| 47300 | 1/L1 | 3/L2 | 5/L3 | PE |
| | | | | |
| SMD | 2/T1 | 4/T2 | 6/T3 | PE |
| | 41300 | | | MG |

Switching programme 47300
 3 pole without auxiliary contacts
 with PE-terminal

| | | | | | | |
|--------------|----|----|-------|------|------|----|
| 47311 | 14 | 22 | 1/L1 | 3/L2 | 5/L3 | PE |
| | | | | | | |
| SMD | 13 | 21 | 2/T1 | 4/T2 | 6/T3 | PE |
| | MB | | 41300 | | | MG |

Switching programme 47311
 3 pole with 2 auxiliary contacts
 1 n/o late make/early break + 1 n/c
 with PE-terminal

| | | | | | | |
|--------------|----|----|-------|------|------|----|
| 47320 | 44 | 34 | 1/L1 | 3/L2 | 5/L3 | PE |
| | | | | | | |
| SMD | 43 | 33 | 2/T1 | 4/T2 | 6/T3 | PE |
| | MD | | 41300 | | | MG |

Switching programme 47320
 3 pole with 2 auxiliary contacts
 2 n/o late make/early break
 with PE-terminal

| | | | | | |
|--------------|----|-------|------|------|----|
| 47400 | N | 1/L1 | 3/L2 | 5/L3 | PE |
| | | | | | |
| SMD | N | 2/T1 | 4/T2 | 6/T3 | PE |
| | MA | 41300 | | | MG |

Switching programme 47400
 4 pole without auxiliary contacts
 Neutral contact early make/late break
 with PE-terminal

| | | | | | |
|--------------|----|-------|------|------|----|
| 48400 | 9 | 1/L1 | 3/L2 | 5/L3 | PE |
| | | | | | |
| SMD | 0 | 2/T1 | 4/T2 | 6/T3 | PE |
| | MP | 41300 | | | MG |

Switching programme 48400
 4 pole without auxiliary contacts
 with PE-terminal

Changeover Switches, 2 pole

| | | | | | | |
|--------------|-------|------|------|------|------|------|
| 71200 | 1/L1 | 1/L2 | 1/L3 | 2/L1 | 2/L2 | 2/L3 |
| | | | | | | |
| SMD | 1/T1 | 1/T2 | 1/T3 | 2/T1 | 2/T2 | 2/T3 |
| | 71200 | | | | | |

Switching programme 71200
 2 pole without auxiliary contacts

Disconnect Switches

Technical Information Switching diagrams

Switching diagrams 71201–71222

Changeover Switches, 2 pole

| | | | |
|-------|-----------------------------------|---------|-------------------|
| 71201 | 1L1 1L2 1L3 2L1 2L2 2L3 | 21 13 | Stellung/Position |
| | | 13 21 | |
| SMD | 1T1 1T2 1T3 2T1 2T2 2T3 | 22 14 | MB 2 |
| 71200 | | 71200 | |

Switching programme 71201
 2 pole with 2 auxiliary contacts
 1 n/o late make/early break + 1 n/c in position 2

| | | | |
|-------|-----------------------------------|---------|-------------------|
| 71202 | 1L1 1L2 1L3 2L1 2L2 2L3 | 33 43 | Stellung/Position |
| | | 43 33 | |
| SMD | 1T1 1T2 1T3 2T1 2T2 2T3 | 34 44 | MD 2 |
| 71200 | | 71200 | |

Switching programme 71202
 2 pole with 2 auxiliary contacts
 2 n/o late make/early break in position 2

| | | | |
|-------|---------|-----------------------------------|-------------------|
| 71210 | 14 22 | 1L1 1L2 1L3 2L1 2L2 2L3 | Stellung/Position |
| | | 22 14 | |
| SMD | 13 21 | 1T1 1T2 1T3 2T1 2T2 2T3 | 1 MB 71200 |

Switching programme 71210
 2 pole with 2 auxiliary contacts
 1 n/o late make/early break + 1 n/c in position 1

| | | | | |
|-------|---------|-----------------------------------|---------|-------------------------|
| 71211 | 14 22 | 1L1 1L2 1L3 2L1 2L2 2L3 | 31 23 | Stellung/Position |
| | | 22 14 | 23 31 | |
| SMD | 13 21 | 1T1 1T2 1T3 2T1 2T2 2T3 | 32 24 | 1 MB 71200 MC 2 |

Switching programme 71211
 2 pole with 4 auxiliary contacts
 1 n/o late make/early break + 1 n/c in position 1
 1 n/o late make/early break + 1 n/c in position 2

| | | | | |
|-------|---------|-----------------------------------|---------|-------------------------|
| 71212 | 14 22 | 1L1 1L2 1L3 2L1 2L2 2L3 | 33 43 | Stellung/Position |
| | | 22 14 | 43 33 | |
| SMD | 13 21 | 1T1 1T2 1T3 2T1 2T2 2T3 | 34 44 | 1 MB 71200 MD 2 |

Switching programme 71212
 2 pole with 4 auxiliary contacts
 1 n/o late make/early break + 1 n/c in position 1
 2 n/o late make/early break in position 2

| | | | |
|-------|---------|-----------------------------------|-------------------|
| 71220 | 44 34 | 1L1 1L2 1L3 2L1 2L2 2L3 | Stellung/Position |
| | | 34 44 | |
| SMD | 43 33 | 1T1 1T2 1T3 2T1 2T2 2T3 | 1 MD 71200 |

Switching programme 71220
 2 pole with 2 auxiliary contacts
 2 n/o late make/early break in position 1

| | | | | |
|-------|---------|-----------------------------------|---------|-------------------------|
| 71221 | 44 34 | 1L1 1L2 1L3 2L1 2L2 2L3 | 21 13 | Stellung/Position |
| | | 34 44 | 13 21 | |
| SMD | 43 33 | 1T1 1T2 1T3 2T1 2T2 2T3 | 22 14 | 1 MD 71200 MB 2 |

Switching programme 71221
 2 pole with 4 auxiliary contacts
 2 n/o late make/early break in position 1
 1 n/o late make/early break + 1 n/c in position 2

| | | | | |
|-------|---------|-----------------------------------|---------|-------------------------|
| 71222 | 44 34 | 1L1 1L2 1L3 2L1 2L2 2L3 | 53 63 | Stellung/Position |
| | | 34 44 | 63 53 | |
| SMD | 43 33 | 1T1 1T2 1T3 2T1 2T2 2T3 | 54 64 | 1 MD 71200 ME 2 |

Switching programme 71222
 2 pole with 4 auxiliary contacts
 2 n/o late make/early break in position 1
 2 n/o late make/early break in position 2

Switching diagrams 71300–71321

Changeover Switches, 3 pole

| | | |
|--------------|-----------------------------------|--|
| 71300 | 1L1 1L2 1L3 2L1 2L2 2L3 | |
| | 1T1 1T2 1T3 2T1 2T2 2T3 | |
| SMD | 71300 | |

Switching programme 71300
3 pole without auxiliary contacts

| | | | | |
|--------------|-----------------------------------|--|---------|-------------------|
| 71301 | 1L1 1L2 1L3 2L1 2L2 2L3 | | 21 13 | Stellung/Position |
| | 1T1 1T2 1T3 2T1 2T2 2T3 | | 22 14 | |
| SMD | 71300 | | MB | 2 |

Switching programme 71301
3 pole with 2 auxiliary contacts
1 n/o late make/early break + 1 n/c in position 2

| | | | | |
|--------------|-----------------------------------|--|---------|-------------------|
| 71302 | 1L1 1L2 1L3 2L1 2L2 2L3 | | 33 43 | Stellung/Position |
| | 1T1 1T2 1T3 2T1 2T2 2T3 | | 34 44 | |
| SMD | 71300 | | MD | 2 |

Switching programme 71302
3 pole with 2 auxiliary contacts
2 n/o late make/early break in position 2

| | | | | |
|--------------|---------|-----------------------------------|-------|-------------------|
| 71310 | 14 22 | 1L1 1L2 1L3 2L1 2L2 2L3 | | Stellung/Position |
| | 13 21 | 1T1 1T2 1T3 2T1 2T2 2T3 | | |
| SMD | 1 | MB | 71300 | |

Switching programme 71310
3 pole with 2 auxiliary contacts
1 n/o late make/early break + 1 n/c in position 1

| | | | | | |
|--------------|---------|-----------------------------------|-------|---------|-------------------|
| 71311 | 14 22 | 1L1 1L2 1L3 2L1 2L2 2L3 | | 31 23 | Stellung/Position |
| | 13 21 | 1T1 1T2 1T3 2T1 2T2 2T3 | | 32 24 | |
| SMD | 1 | MB | 71300 | | MC |

Switching programme 71311
3 pole with 4 auxiliary contacts
1 n/o late make/early break + 1 n/c in position 1
1 n/o late make/early break + 1 n/c in position 2

| | | | | | |
|--------------|---------|-----------------------------------|-------|---------|-------------------|
| 71312 | 14 22 | 1L1 1L2 1L3 2L1 2L2 2L3 | | 33 43 | Stellung/Position |
| | 13 21 | 1T1 1T2 1T3 2T1 2T2 2T3 | | 34 44 | |
| SMD | 1 | MB | 71300 | | MD |

Switching programme 71312
3 pole with 4 auxiliary contacts
1 n/o late make/early break + 1 n/c in position 1
2 n/o late make/early break in position 2

| | | | | |
|--------------|---------|-----------------------------------|-------|-------------------|
| 71320 | 44 34 | 1L1 1L2 1L3 2L1 2L2 2L3 | | Stellung/Position |
| | 43 33 | 1T1 1T2 1T3 2T1 2T2 2T3 | | |
| SMD | 1 | MD | 71300 | |

Switching programme 71320
3 pole with 2 auxiliary contacts
2 n/o late make/early break in position 1

| | | | | | |
|--------------|---------|-----------------------------------|-------|---------|-------------------|
| 71321 | 44 34 | 1L1 1L2 1L3 2L1 2L2 2L3 | | 21 13 | Stellung/Position |
| | 43 33 | 1T1 1T2 1T3 2T1 2T2 2T3 | | 22 14 | |
| SMD | 1 | MD | 71300 | | MB |

Switching programme 71321
3 pole with 4 auxiliary contacts
2 n/o late make/early break in position 1
1 n/o late make/early break + 1 n/c in position 2

Disconnect Switches

Technical Information Switching diagrams

Switching diagrams 71322–73500

Changeover Switches, 3 pole

| | | | | | | | | | | | |
|------------------|----|----|-------|-----|-----|-----|-----|-----|----|----|-------------------|
| 71322 | 44 | 34 | 1L1 | 1L2 | 1L3 | 2L1 | 2L2 | 2L3 | 53 | 63 | Stellung/Position |
| | 43 | 33 | 1T1 | 1T2 | 1T3 | 2T1 | 2T2 | 2T3 | 54 | 64 | |
| SMD | 1 | MD | 71300 | | | | | | ME | 2 | Stellung/Position |

Switching programme 71322
 3 pole with 4 auxiliary contacts
 2 n/o late make/early break in position 1
 2 n/o late make/early break in position 2

Changeover Switches, 4 pole

| | | | | | | | | | |
|------------------|----|-------|-----|-----|-----|-----|-----|----|-------------------|
| 71400 | N | 1L1 | 1L2 | 1L3 | 2L1 | 2L2 | 2L3 | N | Stellung/Position |
| | N | 1T1 | 1T2 | 1T3 | 2T1 | 2T2 | 2T3 | N | |
| SMD | MA | 71300 | | | | | | MA | |

Switching programme 71400
 4 pole without auxiliary contacts
 Neutral contact early make/late break

| | | | | | | | | | |
|------------------|----|-------|-----|-----|-----|-----|-----|----|-------------------|
| 71500 | N | 1L1 | 1L2 | 1L3 | 2L1 | 2L2 | 2L3 | N | Stellung/Position |
| | N | 1T1 | 1T2 | 1T3 | 2T1 | 2T2 | 2T3 | N | |
| SMD | MA | 71300 | | | | | | MA | |

Switching programme 71500
 4 pole without auxiliary contacts
 Neutral contact early make/late break
 neutral jumper

| | | | | | | | | | |
|------------------|----|-------|-----|-----|-----|-----|-----|----|-------------------|
| 73500 | 9 | 1L1 | 1L2 | 1L3 | 2L1 | 2L2 | 2L3 | 7 | Stellung/Position |
| | 0 | 1T1 | 1T2 | 1T3 | 2T1 | 2T2 | 2T3 | 8 | |
| SMD | MP | 71300 | | | | | | MO | |

Switching programme 73500
 4 pole without auxiliary contacts
 neutral jumper main contact modules

Changeover Switches, 3 and 4 pole

| | | | | | | | |
|------------------|-------|-----|-----|-----|-----|-----|-------------------|
| 72300 | 1L1 | 1L2 | 1L3 | 2L1 | 2L2 | 2L3 | Stellung/Position |
| | 1T1 | 1T2 | 1T3 | 2T1 | 2T2 | 2T3 | |
| SMD | 72300 | | | | | | |

Switching programme 72300
 3 pole without auxiliary contacts
 without jumpers

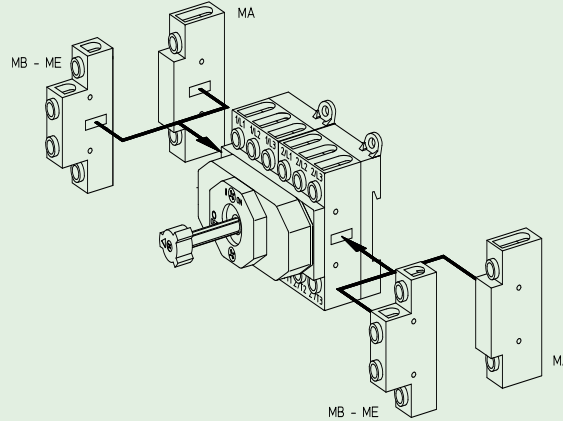
| | | | | | | | | | |
|------------------|----|-------|-----|-----|-----|-----|-----|----|-------------------|
| 72400 | 9 | 1L1 | 1L2 | 1L3 | 2L1 | 2L2 | 2L3 | 7 | Stellung/Position |
| | 0 | 1T1 | 1T2 | 1T3 | 2T1 | 2T2 | 2T3 | 8 | |
| SMD | MP | 72300 | | | | | | MO | |

Switching programme 72400
 4 pole without auxiliary contacts
 without jumpers

| | | | | | | | | | |
|------------------|----|-------|-----|-----|-----|-----|-----|----|-------------------|
| 73400 | 9 | 1L1 | 1L2 | 1L3 | 2L1 | 2L2 | 2L3 | 7 | Stellung/Position |
| | 0 | 1T1 | 1T2 | 1T3 | 2T1 | 2T2 | 2T3 | 8 | |
| SMD | MP | 71300 | | | | | | MO | |

Switching programme 73400
 3 pole without auxiliary contacts
 without neutral jumper main contact modules

Additional modules for later attachment to switches 41300/41600/71300

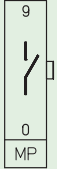
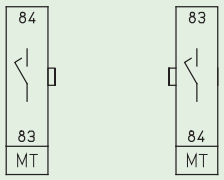
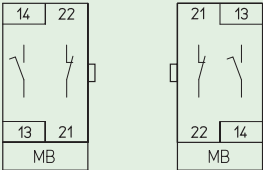
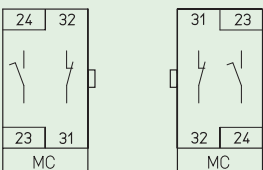
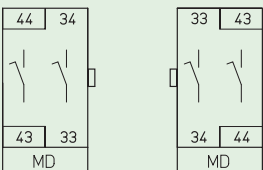


| Switching programme | | Type | Order code no. | |
|---|--------------|--|--|--|
| module left | module right | | front mounting | base mounting |
| Neutral contact module MA early make/late break | | | | |
| | | H216 H220 H226 H233 B240 B250 B263 H406 H408 H410 H412 | MAH2-16A01 MAH2-20A01 MAH2-26A01 MAH2-33A01 MAB2-40A01 MAB2-50A01 MAB2-63A01 MAH4-06A01 MAH4-08A01 MAH4-10A01 MAH4-12A01 | MAH2-16A02 MAH2-20A02 MAH2-26A02 MAH2-33A02 MAB2-40A02 MAB2-50A02 MAB2-63A02 MAH4-06A02 MAH4-08A02 MAH4-10A02 MAH4-12A02 |
| N-terminal MF | | | | |
| | | H216 H220 H226 H233 B240 B250 B263 H406 H408 H410 H412 | MFH2-00A01 MFH2-00A01 MFH2-00A01 MFH2-00A01 MFB2-00A01 MFB2-00A01 MFB2-00A01 MFH4-00A01 MFH4-00A01 MFH4-00A01 MFH4-00A01 | MFH2-00A02 MFH2-00A02 MFH2-00A02 MFH2-00A02 MFB2-00A02 MFB2-00A02 MFB2-00A02 MFH4-00A02 MFH4-00A02 MFH4-00A02 MFH4-00A02 |
| PE-terminal MG | | | | |
| | | H216 H220 H226 H233 B240 B250 B263 H406 H408 H410 H412 | MGH2-00A01 MGH2-00A01 MGH2-00A01 MGH2-00A01 MGB2-00A01 MGB2-00A01 MGB2-00A01 MGH4-00A01 MGH4-00A01 MGH4-00A01 MGH4-00A01 | MGH2-00A02 MGH2-00A02 MGH2-00A02 MGH2-00A02 MGB2-00A02 MGB2-00A02 MGB2-00A02 MGH4-00A02 MGH4-00A02 MGH4-00A02 MGH4-00A02 |
| Main contact module MO | | | | |
| | | H216 H220 H226 H233 B240 B250 B263 H406 H408 H410 H412 | MOH2-16A01 MOH2-20A01 MOH2-26A01 MOH2-33A01 MOB2-40A01 MOB2-50A01 MOB2-63A01 MOH4-06A01 MOH4-08A01 MOH4-10A01 MOH4-12A01 | MOH2-16A02 MOH2-20A02 MOH2-26A02 MOH2-33A02 MOB2-40A02 MOB2-50A02 MOB2-63A02 MOH4-06A02 MOH4-08A02 MOH4-10A02 MOH4-12A02 |

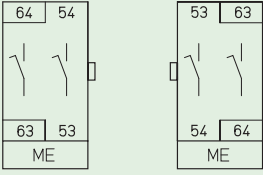
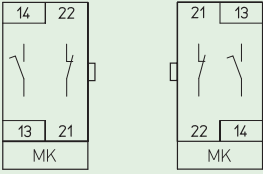
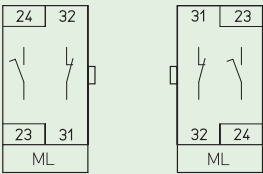
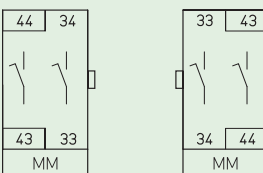
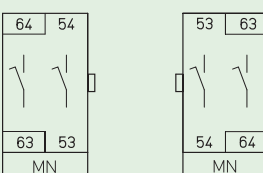
Disconnect Switches

Technical Information Additional modules

Additional modules for later attachment to switches 41300/41600/71300

| Switching programme | | Type | Order code no. | |
|---|--------------|------------|----------------|---------------|
| module left | module right | | front mounting | base mounting |
| Main contact module MP | | | | |
|  | | H216 | MPH2-16A01 | MPH2-16A02 |
| | | H220 | MPH2-20A01 | MPH2-20A02 |
| | | H226 | MPH2-26A01 | MPH2-26A02 |
| | | H233 | MPH2-33A01 | MPH2-33A02 |
| | | B240 | MPB2-40A01 | MPB2-40A02 |
| | | B250 | MPB2-50A01 | MPB2-50A02 |
| | | B263 | MPB2-63A01 | MPB2-63A02 |
| | | H406 | MPH4-06A01 | MPH4-06A02 |
| | | H408 | MPH4-08A01 | MPH4-08A02 |
| | | H410 | MPH4-10A01 | MPH4-10A02 |
| H412 | MPH4-12A01 | MPH4-12A02 | | |
| Main contact module MT 1 early make/late break 20A | | | | |
|  | | H216 | MTH2-20A01 | MTH2-20A02 |
| | | H220 | MTH2-20A01 | MTH2-20A02 |
| | | H226 | MTH2-20A01 | MTH2-20A02 |
| | | H233 | MTH2-20A01 | MTH2-20A02 |
| | | B240 | MTB2-20A01 | MTB2-20A02 |
| | | B250 | MTB2-20A01 | MTB2-20A02 |
| | | B263 | MTB2-20A01 | MTB2-20A02 |
| | | H406 | MTH4-20A01 | MTH4-20A02 |
| | | H408 | MTH4-20A01 | MTH4-20A02 |
| | | H410 | MTH4-20A01 | MTH4-20A02 |
| H412 | MTH4-20A01 | MTH4-20A02 | | |
| Auxiliary contact module MB 1 n/o late make/early break + 1 n/c | | | | |
|  | | H216 | MBH2-11A01 | MBH2-11A02 |
| | | H220 | MBH2-11A01 | MBH2-11A02 |
| | | H226 | MBH2-11A01 | MBH2-11A02 |
| | | H233 | MBH2-11A01 | MBH2-11A02 |
| | | B240 | MBH4-11A01 | MBH4-11A02 |
| | | B250 | MBH4-11A01 | MBH4-11A02 |
| | | B263 | MBH4-11A01 | MBH4-11A02 |
| | | H406 | MBH4-11A01 | MBH4-11A02 |
| | | H408 | MBH4-11A01 | MBH4-11A02 |
| | | H410 | MBH4-11A01 | MBH4-11A02 |
| H412 | MBH4-11A01 | MBH4-11A02 | | |
| Auxiliary contact module MC 1 n/o late make/early break + 1 n/c | | | | |
|  | | H216 | MCH2-11A01 | MCH2-11A02 |
| | | H220 | MCH2-11A01 | MCH2-11A02 |
| | | H226 | MCH2-11A01 | MCH2-11A02 |
| | | H233 | MCH2-11A01 | MCH2-11A02 |
| | | B240 | MCH4-11A01 | MCH4-11A02 |
| | | B250 | MCH4-11A01 | MCH4-11A02 |
| | | B263 | MCH4-11A01 | MCH4-11A02 |
| | | H406 | MCH4-11A01 | MCH4-11A02 |
| | | H408 | MCH4-11A01 | MCH4-11A02 |
| | | H410 | MCH4-11A01 | MCH4-11A02 |
| H412 | MCH4-11A01 | MCH4-11A02 | | |
| Auxiliary contact module MD 2 n/o late make/early break | | | | |
|  | | H216 | MDH2-20A01 | MDH2-20A02 |
| | | H220 | MDH2-20A01 | MDH2-20A02 |
| | | H226 | MDH2-20A01 | MDH2-20A02 |
| | | H233 | MDH2-20A01 | MDH2-20A02 |
| | | B240 | MDH4-20A01 | MDH4-20A02 |
| | | B250 | MDH4-20A01 | MDH4-20A02 |
| | | B263 | MDH4-20A01 | MDH4-20A02 |
| | | H406 | MDH4-20A01 | MDH4-20A02 |
| | | H408 | MDH4-20A01 | MDH4-20A02 |
| | | H410 | MDH4-20A01 | MDH4-20A02 |
| H412 | MDH4-20A01 | MDH4-20A02 | | |

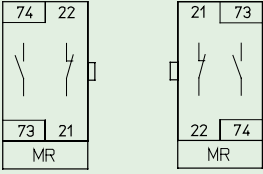
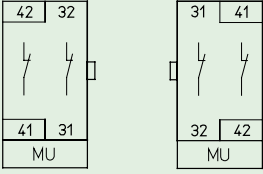
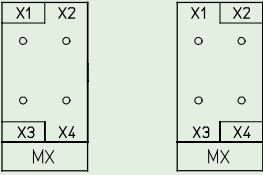
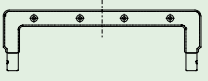
Additional modules for later attachment to switches 41300/41600/71300

| Switching programme | | Type | Order code no. | |
|---|--------------|--|--|--|
| module left | module right | | front mounting | base mounting |
| Auxiliary contact module ME 2 n/o late make/early break  | | H216 H220 H226 H233 B240 B250 B263 H406 H408 H410 H412 | MEH2-20A01 MEH2-20A01 MEH2-20A01 MEH2-20A01 MEH4-20A01 MEH4-20A01 MEH4-20A01 MEH4-20A01 MEH4-20A01 MEH4-20A01 MEH4-20A01 MEH4-20A01 | MEH2-20A02 MEH2-20A02 MEH2-20A02 MEH2-20A02 MEH4-20A02 MEH4-20A02 MEH4-20A02 MEH4-20A02 MEH4-20A02 MEH4-20A02 MEH4-20A02 MEH4-20A02 |
| Auxiliary contact module MK 1 n/o late make/early break + 1 n/c Contacts with gold plating 5 µm  | | H216 H220 H226 H233 B240 B250 B263 H406 H408 H410 H412 | MKH2-11A01 MKH2-11A01 MKH2-11A01 MKH2-11A01 MKH4-11A01 MKH4-11A01 MKH4-11A01 MKH4-11A01 MKH4-11A01 MKH4-11A01 MKH4-11A01 MKH4-11A01 | MKH2-11A02 MKH2-11A02 MKH2-11A02 MKH2-11A02 MKH4-11A02 MKH4-11A02 MKH4-11A02 MKH4-11A02 MKH4-11A02 MKH4-11A02 MKH4-11A02 MKH4-11A02 |
| Auxiliary contact module ML 1 n/o late make/early break + 1 n/c Contacts with gold plating 5 µm  | | H216 H220 H226 H233 B240 B250 B263 H406 H408 H410 H412 | MLH2-11A01 MLH2-11A01 MLH2-11A01 MLH2-11A01 MLH4-11A01 MLH4-11A01 MLH4-11A01 MLH4-11A01 MLH4-11A01 MLH4-11A01 MLH4-11A01 MLH4-11A01 | MLH2-11A02 MLH2-11A02 MLH2-11A02 MLH2-11A02 MLH4-11A02 MLH4-11A02 MLH4-11A02 MLH4-11A02 MLH4-11A02 MLH4-11A02 MLH4-11A02 MLH4-11A02 |
| Auxiliary contact module MM 2 n/o late make/early break Contacts with gold plating 5 µm  | | H216 H220 H226 H233 B240 B250 B263 H406 H408 H410 H412 | MMH2-20A01 MMH2-20A01 MMH2-20A01 MMH2-20A01 MMH4-20A01 MMH4-20A01 MMH4-20A01 MMH4-20A01 MMH4-20A01 MMH4-20A01 MMH4-20A01 MMH4-20A01 | MMH2-20A02 MMH2-20A02 MMH2-20A02 MMH2-20A02 MMH4-20A02 MMH4-20A02 MMH4-20A02 MMH4-20A02 MMH4-20A02 MMH4-20A02 MMH4-20A02 MMH4-20A02 |
| Auxiliary contact module MN 2 n/o late make/early break Contacts with gold plating 5 µm  | | H216 H220 H226 H233 B240 B250 B263 H406 H408 H410 H412 | MNH2-20A01 MNH2-20A01 MNH2-20A01 MNH2-20A01 MNH4-20A01 MNH4-20A01 MNH4-20A01 MNH4-20A01 MNH4-20A01 MNH4-20A01 MNH4-20A01 MNH4-20A01 | MNH2-20A02 MNH2-20A02 MNH2-20A02 MNH2-20A02 MNH4-20A02 MNH4-20A02 MNH4-20A02 MNH4-20A02 MNH4-20A02 MNH4-20A02 MNH4-20A02 MNH4-20A02 |

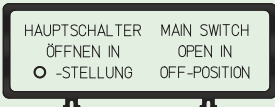
Disconnect Switches

Technical Information Additional modules

Additional modules for later attachment to switches 41300/41600/71300

| Switching programme | | Type | Order code no. | |
|--|--------------|--|--|--|
| module left | module right | | front mounting | base mounting |
| Auxiliary contact module MR 1 n/o + 1 n/c  | | H216 H220 H226 H233 B240 B250 B263 | MRH2-11A01 MRH2-11A01 MRH2-11A01 MRH2-11A01 MRB2-11A01 MRB2-11A01 MRB2-11A01 | MRH2-11A02 MRH2-11A02 MRH2-11A02 MRH2-11A02 MRB2-11A02 MRB2-11A02 MRB2-11A02 |
| Auxiliary contact module MU 2 n/c  | | H216 H220 H226 H233 B240 B250 B263 | MUH2-02A01 MUH2-02A01 MUH2-02A01 MUH2-02A01 MUB2-02A01 MUB2-02A01 MUB2-02A01 | MUH2-02A02 MUH2-02A02 MUH2-02A02 MUH2-02A02 MUB2-02A02 MUB2-02A02 MUB2-02A02 |
| Terminal point module MX 4 terminal bases 2,5 mm ²  | | H216 H220 H226 H233 B240 B250 B263 H406 H408 H410 H412 | — — — — — — — — — — | MXH2-04A02 MXH2-04A02 MXH2-04A02 MXH2-04A02 MXH4-04A02 MXH4-04A02 MXH4-04A02 MXH4-04A02 MXH4-04A02 MXH4-04A02 MXH4-04A02 |
| Neutral terminal link (insulated) Link to connect the neutral contact modules (MA) on the 71400 Changeover Switch  | | H200 B200 H400 | 224234 224301 404111 | 224234 224303 404111 |

Additional top escutcheon plates/Shaft extensions



Example: FAZ2-8041

Additional top escutcheon plates

with additional inscription to be clipped on the escutcheon and padlock devices

Order code number

| | |
|---|-----------------------------|
| Escutcheon frame plate black, legend plate silver, without inscription (can be engraved) | FAZ2 - 8000 |
| Escutcheon frame plate black, legend plate silver, Inscription black, inscription see "Inscriptions for add. top esc. plates" | FAZ2 - 8... |
| Escutcheon frame plate black, legend plate silver, Inscription black, special engraving | FAZ2 - (special no.) |
| Escutcheon frame plate black, legend plate yellow, without inscription (can be engraved) | FBZ2 - 8000 |
| Escutcheon frame plate black, legend plate yellow, Inscription black, inscription see "Inscriptions for add. top esc. plates" | FBZ2 - 8... |
| Escutcheon frame plate black, legend plate yellow, Inscription black, special engraving | FBZ2 - (special no.) |
| Escutcheon frame plate black (without legend plate) | FAZ2 |

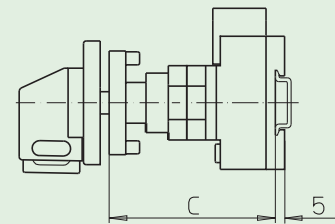
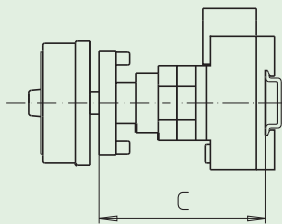
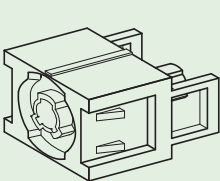
Legend plates for additional top escutcheon plates

| | |
|---|-----------------------------|
| Legend plate silver without inscription (can be engraved) | FAS2 - 8000 |
| Legend plate silver, Inscription black, inscription see "Inscriptions for additional top escutcheon plates" | FAS2 - 8... |
| Legend plate silver, Inscription black, special engraving | FAS2 - (special no.) |
| Legend plate yellow, without inscription (can be engraved) | FBS2 - 8000 |
| Legend plate yellow, Inscription black, inscription see "Inscriptions for additional top escutcheon plates" | FBS2 - 8... |
| Legend plate yellow, Inscription black, special engraving | FBS2 - (special no.) |

Inscriptions for additional top escutcheon plates

| | | | | | | |
|---|--|---|--|---|---|---|
| | HAUPTSCHALTER | MAIN SWITCH | NETZSCHALTER | NOT-AUS | EMERGENCY OFF | TURVAKYTKIN |
| FA 8000 | FA 8001 | FA 8002 | FA 8003 | FA 8013 | FA 8026 | FA 8027 |
| HAUPTSCHALTER NUR IN STELLUNG O ÖFFNEN | MAIN SWITCH OPEN ONLY IN POSITION "OFF" | INTERRUPTORE GENERALE APPR. SOLO CON MANOPOLA SU ZERO | INTERRUPTEUR PRINCIPAL OVRER EN POSITION O SELEMENT | INTERRUPTOR | HOOFDSCHAKEL AAR ALLEN IN O-STAND OPENEN | INTERRUPTOR PRINCIPAL ABRR. SOLO EN POSICION O |
| FA 8028 | FA 8029 | FA 8030 | FA 8031 | FA 8037 | FA 8039 | FA 8040 |
| HAUPTSCHALTER MAIN SWITCH ÖFFNEN IN OPEN IN O-STELLUNG OFF-POSITION | HUVUDBRYTARE | HLAVNÍ VYPÍNAČ | HLAVNÍ VYPÍNAČ OTEVŘIT POUZE V POLOZE O | ГЛАВНЫЙ ВЫКЛЮЧАТЕЛЬ открывать только в нулевой позиции | | |
| FA 8041 | FA 8044 | FA 8045 | FA 8046 | FA 8047 | | |

Modular shaft extensions for mounting forms with door interlock (please order separately!)



| | | | | |
|---|---|--|--|--------------------------|
| H200 / B200 3...4 pole Main/Emergency-Off Sw. 3...4 pole Main Switches 3...4 pole ON-OFF Switches | H200 / B200 6...8 pole Main/Emergency-Off Sw. 6...8 pole Main Switches 6...8 pole ON-OFF Switches 3...4 pole Changeover Switches | H400 3...4 pole Main/Emergency-Off Sw. 3...4 pole Main Switches 3...4 pole ON-OFF Switches | H400 6...8 pole Main/Emergency-Off Sw. 6...8 pole Main Switches 6...8 pole ON-OFF Switches 3...4 pole Changeover Switches | Order code number |
| | | | | H200 H400 |

Dimension C (internal depth: inside of door to top of DIN rail):

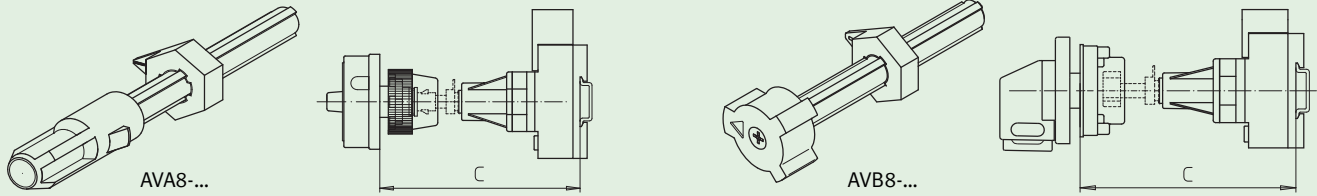
| | | | | | |
|----------------|----------------|----------------|----------------|---------------|---------------|
| 092 ... 107 mm | 100 ... 115 mm | 103 ... 117 mm | 116 ... 130 mm | - | - |
| 114 ... 132 mm | 122 ... 140 mm | 124 ... 142 mm | 137 ... 155 mm | AVC2-1 | AVC4-1 |
| 139 ... 157 mm | 147 ... 165 mm | 149 ... 167 mm | 162 ... 180 mm | AVC2-2 | AVC4-2 |
| 164 ... 182 mm | 172 ... 190 mm | 174 ... 192 mm | 187 ... 205 mm | AVC2-3 | AVC4-3 |
| 189 ... 207 mm | 197 ... 215 mm | 199 ... 217 mm | 212 ... 230 mm | AVC2-4 | AVC4-4 |

Disconnect Switches

Technical Information Accessories

Metal shafts

Metal shafts for mounting forms with door interlock (please order separately!)



| H200/B200 | H200 | B200 | H400 | H400 | Order code number |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------|
| 3...4 pole Main/Emergency-Off Sw. | 6...8 pole Main/Emergency-Off Sw. | 6...8 pole Main/Emergency-Off Sw. | 3...4 pole Main/Emergency-Off Sw. | 6...8 pole Main/Emergency-Off Sw. | |
| 3...4 pole Main Switches | 6...8 pole Main Switches | 6...8 pole Main Switches | 3...4 pole Main Switches | 6...8 pole Main Switches | |
| 3...4 pole ON-OFF Switches | 6...8 pole ON-OFF Switches | 6...8 pole ON-OFF Switches | 3...4 pole ON-OFF Switches | 6...8 pole ON-OFF Switches | |
| | 3...4 pole Changeover Switches | 3...4 pole Changeover Switches | | 3...4 pole Changeover Switches | |

Single hole front mounting

Dimension C (internal depth: outside of door to top of DIN rail):

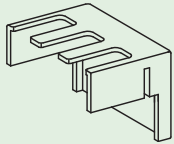
| | | | | | |
|----------------|----------------|----------------|----------------|----------------|-------------------|
| 155 ... 173 mm | 163 ... 183 mm | 167 ... 185 mm | 165 ... 183 mm | 177 ... 195 mm | AVA8 - 065 |
| 174 ... 198 mm | 182 ... 206 mm | 186 ... 210 mm | 184 ... 208 mm | 196 ... 220 mm | AVA8 - 090 |
| 199 ... 223 mm | 207 ... 231 mm | 211 ... 235 mm | 209 ... 233 mm | 221 ... 245 mm | AVA8 - 115 |
| 224 ... 248 mm | 232 ... 256 mm | 236 ... 260 mm | 234 ... 258 mm | 246 ... 270 mm | AVA8 - 140 |
| 249 ... 273 mm | 257 ... 281 mm | 261 ... 285 mm | 259 ... 283 mm | 271 ... 295 mm | AVA8 - 165 |
| 274 ... 298 mm | 282 ... 306 mm | 286 ... 310 mm | 284 ... 308 mm | 296 ... 320 mm | AVA8 - 190 |
| 299 ... 323 mm | 307 ... 331 mm | 311 ... 335 mm | 309 ... 333 mm | 321 ... 345 mm | AVA8 - 215 |
| 324 ... 348 mm | 332 ... 356 mm | 336 ... 360 mm | 334 ... 358 mm | 346 ... 370 mm | AVA8 - 240 |
| 349 ... 373 mm | 357 ... 381 mm | 361 ... 385 mm | 359 ... 383 mm | 371 ... 395 mm | AVA8 - 265 |
| 374 ... 398 mm | 382 ... 406 mm | 386 ... 410 mm | 384 ... 408 mm | 396 ... 420 mm | AVA8 - 290 |
| 399 ... 423 mm | 407 ... 431 mm | 411 ... 435 mm | 409 ... 433 mm | 421 ... 445 mm | AVA8 - 315 |
| 424 ... 448 mm | 432 ... 456 mm | 436 ... 460 mm | 434 ... 458 mm | 446 ... 470 mm | AVA8 - 340 |
| 449 ... 473 mm | 457 ... 481 mm | 461 ... 485 mm | 459 ... 483 mm | 471 ... 495 mm | AVA8 - 365 |
| 474 ... 498 mm | 482 ... 506 mm | 486 ... 510 mm | 484 ... 508 mm | 496 ... 520 mm | AVA8 - 390 |
| 499 ... 523 mm | 507 ... 531 mm | 511 ... 535 mm | 509 ... 533 mm | 521 ... 545 mm | AVA8 - 415 |
| 524 ... 548 mm | 532 ... 556 mm | 536 ... 560 mm | 534 ... 558 mm | 546 ... 570 mm | AVA8 - 440 |
| 549 ... 573 mm | 557 ... 581 mm | 561 ... 585 mm | 559 ... 583 mm | 571 ... 595 mm | AVA8 - 465 |
| 574 ... 598 mm | 582 ... 606 mm | 586 ... 610 mm | 584 ... 608 mm | 596 ... 620 mm | AVA8 - 490 |
| 599 ... 623 mm | 607 ... 631 mm | 611 ... 635 mm | 609 ... 633 mm | 621 ... 645 mm | AVA8 - 515 |
| 624 ... 643 mm | 632 ... 656 mm | 636 ... 660 mm | 634 ... 658 mm | 646 ... 670 mm | AVA8 - 540 |

Four hole front mounting

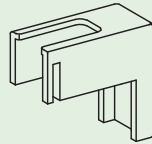
Dimension C (internal depth: inside of door to top of DIN rail):

| | | | | | |
|----------------|----------------|----------------|----------------|----------------|-------------------|
| 140 ... 164 mm | 148 ... 172 mm | 152 ... 176 mm | 150 ... 174 mm | 162 ... 186 mm | AVB8 - 065 |
| 165 ... 189 mm | 173 ... 197 mm | 177 ... 201 mm | 175 ... 199 mm | 187 ... 211 mm | AVB8 - 090 |
| 190 ... 214 mm | 198 ... 222 mm | 202 ... 226 mm | 200 ... 224 mm | 212 ... 236 mm | AVB8 - 115 |
| 215 ... 239 mm | 223 ... 247 mm | 227 ... 251 mm | 225 ... 249 mm | 237 ... 261 mm | AVB8 - 140 |
| 240 ... 264 mm | 248 ... 272 mm | 252 ... 276 mm | 250 ... 274 mm | 262 ... 286 mm | AVB8 - 165 |
| 265 ... 289 mm | 276 ... 297 mm | 277 ... 301 mm | 275 ... 299 mm | 287 ... 311 mm | AVB8 - 190 |
| 290 ... 314 mm | 298 ... 322 mm | 302 ... 326 mm | 300 ... 324 mm | 312 ... 336 mm | AVB8 - 215 |
| 315 ... 339 mm | 323 ... 347 mm | 327 ... 351 mm | 325 ... 349 mm | 337 ... 361 mm | AVB8 - 240 |
| 340 ... 364 mm | 348 ... 372 mm | 352 ... 376 mm | 350 ... 374 mm | 362 ... 386 mm | AVB8 - 265 |
| 365 ... 389 mm | 373 ... 397 mm | 377 ... 401 mm | 375 ... 399 mm | 387 ... 411 mm | AVB8 - 290 |
| 390 ... 414 mm | 398 ... 422 mm | 402 ... 426 mm | 400 ... 424 mm | 412 ... 436 mm | AVB8 - 315 |
| 415 ... 439 mm | 423 ... 447 mm | 427 ... 451 mm | 425 ... 449 mm | 437 ... 461 mm | AVB8 - 340 |
| 440 ... 464 mm | 448 ... 472 mm | 452 ... 476 mm | 450 ... 474 mm | 462 ... 486 mm | AVB8 - 365 |
| 465 ... 489 mm | 473 ... 497 mm | 477 ... 501 mm | 475 ... 499 mm | 487 ... 511 mm | AVB8 - 390 |
| 490 ... 514 mm | 498 ... 522 mm | 502 ... 526 mm | 500 ... 524 mm | 512 ... 536 mm | AVB8 - 415 |
| 515 ... 539 mm | 523 ... 547 mm | 527 ... 551 mm | 525 ... 549 mm | 537 ... 561 mm | AVB8 - 440 |
| 540 ... 564 mm | 548 ... 572 mm | 552 ... 576 mm | 550 ... 574 mm | 562 ... 586 mm | AVB8 - 465 |
| 565 ... 589 mm | 573 ... 597 mm | 577 ... 601 mm | 575 ... 599 mm | 587 ... 611 mm | AVB8 - 490 |
| 590 ... 614 mm | 598 ... 622 mm | 602 ... 626 mm | 600 ... 624 mm | 612 ... 636 mm | AVB8 - 515 |
| 615 ... 639 mm | 625 ... 649 mm | 627 ... 651 mm | 625 ... 649 mm | 637 ... 661 mm | AVB8 - 540 |

Terminal covers



TCA/TCC



TCB/TCD

Terminal covers can be used on front and base mountings. Incoming terminal covers are included with all Main Switches and Main/Emergency-Off Switches of the H400 product line, and don't have to be ordered separately.

The variety of available switching programmes requires different terminal covers. Please order the required quantities!

H216/H220/H226/H233

| Switching programmes | Number | Order code number | Number | Order code number |
|--|--------|-------------------|--------|-------------------|
| 41200, 41211, 41220, 41222, 41231, 41240 | 1 | TCA2 | – | – |
| 41300, 41311, 41320, 41322, 41331, 41340 | 1 | TCA2 | – | – |
| 41400, 41411, 41420 | 1 | TCA2 | 1 | TCB2 |
| 41600, 41611, 41620, 41622, 41631, 41640 | 2 | TCA2 | – | – |
| 41800 | 2 | TCA2 | 2 | TCB2 |
| 42400, 42411, 42420 | 1 | TCA2 | 1 | TCB2 |
| 42500 | 1 | TCA2 | 2 | TCB2 |
| 42700, 42711, 42720 | 2 | TCA2 | 1 | TCB2 |
| 42800 | 2 | TCA2 | 2 | TCB2 |
| 45300, 45311, 45320, 46300, 46311, 46320 | 1 | TCA2 | – | – |
| 47200, 47211, 47220, 47300, 47311, 47320 | 1 | TCA2 | – | – |
| 47400, 48400 | 1 | TCA2 | 1 | TCB2 |

B240/B250/B263

for terminal capacities with max. 16 mm²

| Switching programmes | Number | Order code number | Number | Order code number |
|--|--------|-------------------|--------|-------------------|
| 41200, 41211, 41220, 41222, 41231, 41240 | 1 | TCC2 | – | – |
| 41300, 41311, 41320, 41322, 41331, 41340 | 1 | TCC2 | – | – |
| 41400, 41411, 41420 | 1 | TCC2 | 1 | TCD2 |
| 41600, 41611, 41620, 41622, 41631, 41640 | 2 | TCC2 | – | – |
| 41800 | 2 | TCC2 | 2 | TCD2 |
| 42400, 42411, 42420 | 1 | TCC2 | 1 | TCD2 |
| 42500 | 1 | TCC2 | 2 | TCD2 |
| 42700, 42711, 42720 | 2 | TCC2 | 1 | TCD2 |
| 42800 | 2 | TCC2 | 2 | TCD2 |
| 45300, 45311, 45320, 46300, 46311, 46320 | 1 | TCC2 | – | – |
| 47200, 47211, 47220, 47300, 47311, 47320 | 1 | TCC2 | – | – |
| 47400, 48400 | 1 | TCC2 | 1 | TCD2 |

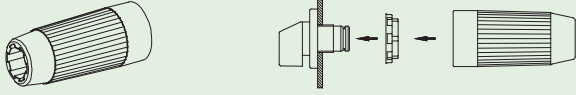
H406/H408/H410/H412

| Switching programmes | Number | Order code number | Number | Order code number |
|--|--------|-------------------|--------|-------------------|
| 41200, 41211, 41220, 41222, 41231, 41240 | 1 | TCA4 | – | – |
| 41300, 41311, 41320, 41322, 41331, 41340 | 1 | TCA4 | – | – |
| 41400, 41411, 41420 | 1 | TCA4 | 1 | TCB4 |
| 41600, 41611, 41620, 41622, 41631, 41640 | 2 | TCA4 | – | – |
| 41800 | 2 | TCA4 | 2 | TCB4 |
| 42400, 42411, 42420 | 1 | TCA4 | 1 | TCB4 |
| 42500 | 1 | TCA4 | 2 | TCB4 |
| 42700, 42711, 42720 | 2 | TCA4 | 1 | TCB4 |
| 42800 | 2 | TCA4 | 2 | TCB4 |
| 45300, 45311, 45320, 46300, 46311, 46320 | 1 | TCA4 | – | – |
| 47200, 47211, 47220, 47300, 47311, 47320 | 1 | TCA4 | – | – |
| 47400, 48400 | 1 | TCA4 | 1 | TCB4 |

Disconnect Switches

Technical Information Accessories

Assembly tool/Mounting brackets



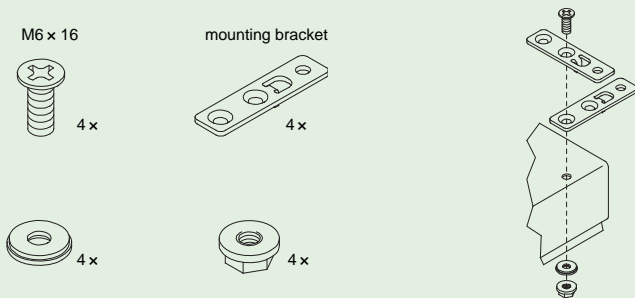
218098

Assembly tool for single hole mounting

suitable for a fast assembly of escutcheons and padlock devices in single hole mounting

| Types | Order code number |
|--|-------------------|
| H216, H220, H226, H233, B240, B250, B263 | 218098 |

Mounting brackets for external mounting of enclosures (1 complete set)



| Enclosure | Dimensions | Order code number |
|---------------------------|--------------------|-------------------|
| Sheet metal enclosure | 150 × 150 × 120 mm | SAX1 |
| Sheet metal enclosure | 200 × 150 × 120 mm | SAX1 |
| Sheet metal enclosure | 300 × 250 × 120 mm | SAX1 |
| Stainless steel enclosure | 150 × 150 × 120 mm | SBX1 |
| Stainless steel enclosure | 200 × 150 × 120 mm | SBX1 |
| Stainless steel enclosure | 300 × 250 × 120 mm | SBX1 |





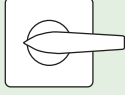

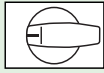
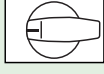
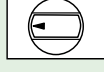
Operator variants for mounting forms with padlock device

| Operator Suitable for types | | Colour escutcheon | Colour legend plate | Colour operator | Change of order code number |
|--|--|--|---|--|--------------------------------|
| N-padlock device H216, H220, H226, H233 B240, B250, B263 H406, H408, H410, H412 K616 | | black | white | black | ... - ... - ...N1 |
| | | grey | white | grey | ... - ... - ...N2 |
| | | yellow | white | red | ... - ... - ...N4 |
| | | grey | white | black | ... - ... - ...N6 |
| | | yellow | white | black | ... - ... - ...N7 |
| | | operator external dimension 67 × 67 mm 88 × 88 mm | max. number of padlocks 3 4 | hasp diameter of padlock 4 mm (min) / 8 mm (max) 5 mm (min) / 9 mm (max) | |
| M-padlock device H216, H220, H226, H233 B240, B250, B263 H406, H408, H410, H412 K616 | | black | white | black | ... - ... - ...M1 |
| | | grey | white | grey | ... - ... - ...M2 |
| | | yellow | white | red | ... - ... - ...M4 |
| | | grey | white | black | ... - ... - ...M6 |
| | | yellow | white | black | ... - ... - ...M7 |
| | | operator external dimension 48 × 48 mm 67 × 67 mm 88 × 88 mm | max. number of padlocks 3 3 4 | hasp diameter of padlock 3 mm (min) / 5 mm (max) 4 mm (min) / 8 mm (max) 5 mm (min) / 9 mm (max) | |
| B-padlock device H406, H408, H410, H412 K616 K830 | | black | silver | black | ... - ... - ...B1 |
| | | black | yellow | red | ... - ... - ...B4 |
| | | black | black | black | ... - ... - ...B8 |
| | | operator external dimension 75 × 114 mm 98 × 142 mm 130 × 178 mm | max. number of padlocks 4 4 4 | hasp diameter of padlock 5 mm (min) / 8 mm (max) 5 mm (min) / 8 mm (max) 5 mm (min) / 8 mm (max) | |
| H-padlock device H406, H408, H410, H412 K616 K830 | | black | silver | black | ... - ... - ...H1 |
| | | black | yellow | red | ... - ... - ...H4 |
| | | black | black | black | ... - ... - ...H8 |
| | | operator external dimension 75 × 114 mm 98 × 142 mm 130 × 178 mm | max. number of padlocks 4 4 4 | hasp diameter of padlock 5 mm (min) / 8 mm (max) 5 mm (min) / 8 mm (max) 5 mm (min) / 8 mm (max) | |
| Padlockable with V-handle H216, H220, H226, H233 B240, B250, B263 H406, H408, H410, H412 | | black | silver | black | ... - ... - ...V1 |
| | | black | yellow | red | ... - ... - ...V4 |
| | | operator external dimension 48 × 48 mm 64 × 64 mm | max. number of padlocks 2 3 | hasp diameter of padlock 3 mm (min) / 5 mm (max) 4 mm (min) / 6 mm (max) | |
| Installation mounting for 45 mm aperture in Panel/Distribution Boards: | | | | | |
| Padlockable with V-handle H216, H220, H226, H233 B240, B250, B263 H406, H408, H410, H412 | | grey | silver | black | ... - ... - ...V1 |
| | | grey | yellow | red | ... - ... - ...V4 |
| | | padlockable handle Size 2 | max. number of padlocks 2 | hasp diameter of padlock 3 mm (min) / 5 mm (max) | |
| Padlockable with V-handle (escutcheon imprinted) H406, H408, H410, H412 | | grey | – | black | ... - ... - ...V1 |
| | | yellow | – | red | ... - ... - ...V4 |
| | | padlockable handle Size 4 | max. number of padlocks 3 | hasp diameter of padlock 4 mm (min) / 6 mm (max) | |

Disconnect Switches

Technical Information Operators

Operator variants for mounting forms with escutcheon and handle

| Operator Suitable for types | | Colour escutcheon | Colour legend plate | Colour operator | Change of order code number |
|---|---|---|---|---|--|
| M-handle H216, H220, H226, H233 B240, B250, B263 H406, H408, H410, H412 K616 |  | black grey white black black black | silver silver silver yellow silver black | black grey white red red black | - - ...M1 - - ...M2 - - ...M3 - - ...M4 - - ...M5 - - ...M8 |
| F-handle H216, H220, H226, H233 B240, B250, B263 H406, H408, H410, H412 K616 |  | black grey white black black black | silver silver silver yellow silver black | black grey white red red black | - - ...F1 - - ...F2 - - ...F3 - - ...F4 - - ...F5 - - ...F8 |
| B-handle H216, H220, H226, H233 B240, B250, B263 H406, H408, H410, H412 K616 |  | black grey white black black black | silver silver silver yellow silver black | black grey white red red black | - - ...B1 - - ...B2 - - ...B3 - - ...B4 - - ...B5 - - ...B8 |
| N-handle H216, H220, H226, H233 B240, B250, B263 |  | black grey white black black black | silver silver silver yellow silver black | black grey white red red black | - - ...N1 - - ...N2 - - ...N3 - - ...N4 - - ...N5 - - ...N8 |
| G-handle H406, H408, H410, H412 K616 K830 |  | black black black black | silver yellow silver black | black red red black | - - ...G1 - - ...G4 - - ...G5 - - ...G8 |
| R-handle H216, H220, H226, H233 B240, B250, B263 |  | black grey white black black | silver silver silver yellow silver | black grey white red red | - - ...R1 - - ...R2 - - ...R3 - - ...R4 - - ...R5 |
| Installation mounting for 45 mm aperture in Panel/Distribution Boards: | | | | | |
| M-handle H216, H220, H226, H233 B240, B250, B263 H406, H408, H410, H412 |  | grey grey grey | silver silver yellow | black grey red | - - ...M1 - - ...M2 - - ...M4 |
| M-handle (escutcheon imprinted) H406, H408, H410, H412 |  | grey grey yellow | - - - | black grey red | - - ...M1 - - ...M2 - - ...M4 |
| N-handle H216, H220, H226, H233 B240, B250, B263 |  | grey grey grey | silver silver yellow | black grey red | - - ...N1 - - ...N2 - - ...N4 |

Utilisation Categories

Utilisation categories for Switches, Disconnectors, Switch-Disconnectors and Fuse-Combination Units according to IEC/EN 60947-3

| Type of Current | Utilisation Category | | Typical applications |
|-----------------|----------------------|----------------------|---|
| | Frequent operation | Occasional operation | |
| AC | AC-15A | AC-15B | Controlling electromagnetic load |
| | AC-20A * | AC-20B * | Making and breaking without load |
| | AC-21A | AC-21B | Switching resistive loads including low overloads |
| | AC-22A | AC-22B | Switching mixed resistive and inductive loads, including low overloads |
| | AC-23A | AC-23B | Switching motors and other highly inductive loads |
| DC | DC-20A * | DC-20B * | Making and breaking without load |
| | DC-21A | DC-21B | Switching resistive loads including low overloads |
| | DC-22A | DC-22B | Switching mixed resistive and inductive loads, including low overloads (e. g. shunt motors) |
| | DC-23A | DC-23B | Switching highly inductive loads (e. g. series motors) |

* The application of these utilisation categories isn't permitted in the USA.

Category AC-23 includes occasional switching of individual motors. The utilisation categories in the above table do not apply to an equipment normally used to start, accelerate and/or stop individual motors. The utilisation categories for such an equipment are dealt with the following table:

| Type of Current | Utilisation Category | Typical applications |
|-----------------|----------------------|---|
| AC | AC-2 | Slip-ring motors: starting, plugging ¹⁾ , switching off |
| | AC-3 | Squirrel-cage motors: starting, switching off running motors |
| | AC-4 | Squirrel-cage motors: starting, plugging ¹⁾ , inching ²⁾ |
| DC | DC-3 | Shunt motors: starting, plugging ¹⁾ , inching ²⁾ , dynamic breaking of d.c. motors |
| | DC-4 | Series motors: starting, plugging ¹⁾ , inching ²⁾ , dynamic breaking of d.c. motors |

¹⁾ Plugging is understood to mean stopping or reversing the motor rapidly by reversing motor primary connections while the motor is running.

²⁾ Inching (jogging) is understood to mean energizing a motor once or repeatedly for short periods to obtain small movements of the driven mechanism.

Note: The switching of rotor circuits, capacitors or tungsten filament/discharge lamps shall be subject to special agreements between manufacturer and user.

Disconnect Switches

Technical Information Rated currents

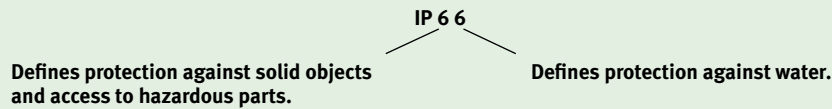
Rated currents of three-phase motors (approximate figures for squirrel-cage motors)



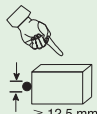
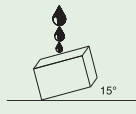
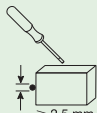
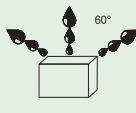
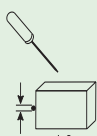
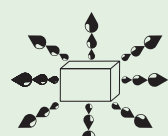
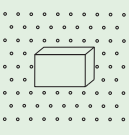
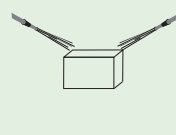
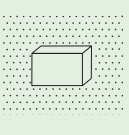
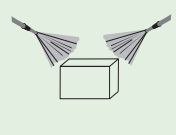
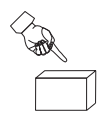
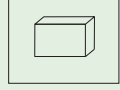
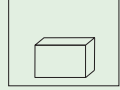
| Motor rating | | | Motor full-load current | | | Fuse starting | | | Motor full-load current | | | Fuse starting | | |
|--------------|-------|------------------------|-------------------------|-----|-------|---------------|------|-----|-------------------------|----------|-------|---------------|---|--|
| kW | cos φ | Percent efficiency η % | A | A | Y/Δ A | A | A | A | A | D.O.L. A | Y/Δ A | A | A | |
| | | | 230 V | | | | | | 400 V | | | | | |
| 0,06 | 0,7 | 58 | 0,37 | 2 | — | 0,21 | 2 | — | | | | | | |
| 0,09 | 0,7 | 60 | 0,54 | 2 | — | 0,31 | 2 | — | | | | | | |
| 0,12 | 0,7 | 60 | 0,72 | 4 | 2 | 0,41 | 2 | — | | | | | | |
| 0,18 | 0,7 | 62 | 1,04 | 4 | 2 | 0,6 | 2 | — | | | | | | |
| 0,25 | 0,7 | 62 | 1,4 | 4 | 2 | 0,8 | 4 | 2 | | | | | | |
| 0,37 | 0,72 | 66 | 2 | 6 | 4 | 1,1 | 4 | 2 | | | | | | |
| 0,55 | 0,75 | 69 | 2,7 | 10 | 4 | 1,5 | 4 | 2 | | | | | | |
| 0,75 | 0,79 | 74 | 3,2 | 10 | 4 | 1,9 | 6 | 4 | | | | | | |
| 1,1 | 0,81 | 74 | 4,6 | 10 | 6 | 2,6 | 6 | 4 | | | | | | |
| 1,5 | 0,81 | 74 | 6,3 | 16 | 10 | 3,6 | 6 | 4 | | | | | | |
| 2,2 | 0,81 | 78 | 8,7 | 20 | 10 | 5 | 10 | 6 | | | | | | |
| 3 | 0,82 | 80 | 11,5 | 25 | 16 | 6,6 | 16 | 10 | | | | | | |
| 4 | 0,82 | 83 | 14,8 | 32 | 16 | 8,5 | 20 | 10 | | | | | | |
| 5,5 | 0,82 | 86 | 19,6 | 32 | 25 | 11,3 | 25 | 16 | | | | | | |
| 7,5 | 0,82 | 87 | 26,4 | 50 | 32 | 15,2 | 32 | 16 | | | | | | |
| 11 | 0,84 | 87 | 38 | 80 | 40 | 21,7 | 40 | 25 | | | | | | |
| 15 | 0,84 | 88 | 51 | 100 | 63 | 29,3 | 63 | 32 | | | | | | |
| 18,5 | 0,84 | 88 | 63 | 125 | 80 | 36 | 63 | 40 | | | | | | |
| 22 | 0,84 | 92 | 71 | 125 | 80 | 41 | 80 | 50 | | | | | | |
| 30 | 0,85 | 92 | 96 | 200 | 100 | 55 | 100 | 63 | | | | | | |
| 37 | 0,86 | 92 | 117 | 200 | 125 | 68 | 125 | 80 | | | | | | |
| 45 | 0,86 | 93 | 141 | 250 | 160 | 81 | 160 | 100 | | | | | | |
| 55 | 0,86 | 93 | 173 | 250 | 200 | 99 | 200 | 125 | | | | | | |
| 75 | 0,86 | 94 | 233 | 315 | 250 | 134 | 200 | 160 | | | | | | |
| 90 | 0,86 | 94 | 279 | 400 | 315 | 161 | 250 | 200 | | | | | | |
| 110 | 0,86 | 94 | 342 | 500 | 400 | 196 | 315 | 200 | | | | | | |
| 132 | 0,87 | 95 | 401 | 630 | 500 | 231 | 400 | 250 | | | | | | |
| 160 | 0,87 | 95 | 486 | 630 | 630 | 279 | 400 | 315 | | | | | | |
| 200 | 0,87 | 95 | 607 | 800 | 630 | 349 | 500 | 400 | | | | | | |
| 250 | 0,87 | 95 | — | — | — | 437 | 630 | 500 | | | | | | |
| 315 | 0,87 | 96 | — | — | — | 544 | 800 | 630 | | | | | | |
| 400 | 0,88 | 96 | — | — | — | 683 | 1000 | 800 | | | | | | |
| | | | 500 V | | | | | | 690 V | | | | | |
| 0,06 | 0,7 | 58 | 0,17 | 2 | — | 0,12 | 2 | — | | | | | | |
| 0,09 | 0,7 | 60 | 0,25 | 2 | — | 0,18 | 2 | — | | | | | | |
| 0,12 | 0,7 | 60 | 0,33 | 2 | — | 0,24 | 2 | — | | | | | | |
| 0,18 | 0,7 | 62 | 0,48 | 2 | — | 0,35 | 2 | — | | | | | | |
| 0,25 | 0,7 | 62 | 0,7 | 2 | — | 0,5 | 2 | — | | | | | | |
| 0,37 | 0,72 | 66 | 0,9 | 2 | 2 | 0,7 | 2 | — | | | | | | |
| 0,55 | 0,75 | 69 | 1,2 | 4 | 2 | 0,9 | 4 | 2 | | | | | | |
| 0,75 | 0,79 | 74 | 1,5 | 4 | 2 | 1,1 | 4 | 2 | | | | | | |
| 1,1 | 0,81 | 74 | 2,1 | 6 | 4 | 1,5 | 4 | 2 | | | | | | |
| 1,5 | 0,81 | 74 | 2,9 | 6 | 4 | 2,1 | 6 | 4 | | | | | | |
| 2,2 | 0,81 | 78 | 4 | 10 | 4 | 2,9 | 10 | 4 | | | | | | |
| 3 | 0,82 | 80 | 5,3 | 16 | 6 | 3,8 | 10 | 4 | | | | | | |
| 4 | 0,82 | 83 | 6,8 | 16 | 10 | 4,9 | 16 | 6 | | | | | | |
| 5,5 | 0,82 | 86 | 9 | 20 | 16 | 6,5 | 16 | 10 | | | | | | |
| 7,5 | 0,82 | 87 | 12,1 | 25 | 16 | 8,8 | 25 | 10 | | | | | | |
| 11 | 0,84 | 87 | 17,4 | 32 | 20 | 12,6 | 25 | 16 | | | | | | |
| 15 | 0,84 | 88 | 23,4 | 50 | 25 | 17 | 32 | 20 | | | | | | |
| 18,5 | 0,84 | 88 | 28,9 | 50 | 32 | 20,9 | 32 | 25 | | | | | | |
| 22 | 0,84 | 92 | 33 | 63 | 32 | 23,8 | 50 | 25 | | | | | | |
| 30 | 0,85 | 92 | 44 | 80 | 50 | 32 | 63 | 32 | | | | | | |
| 37 | 0,86 | 92 | 54 | 100 | 63 | 39 | 80 | 50 | | | | | | |
| 45 | 0,86 | 93 | 65 | 125 | 80 | 47 | 80 | 63 | | | | | | |
| 55 | 0,86 | 93 | 79 | 160 | 80 | 58 | 100 | 63 | | | | | | |
| 75 | 0,86 | 94 | 107 | 200 | 125 | 78 | 160 | 100 | | | | | | |
| 90 | 0,86 | 94 | 129 | 200 | 160 | 93 | 160 | 100 | | | | | | |
| 110 | 0,86 | 94 | 157 | 250 | 160 | 114 | 200 | 125 | | | | | | |
| 132 | 0,87 | 95 | 184 | 250 | 200 | 134 | 250 | 160 | | | | | | |
| 160 | 0,87 | 95 | 224 | 315 | 250 | 162 | 250 | 200 | | | | | | |
| 200 | 0,87 | 95 | 279 | 400 | 315 | 202 | 315 | 250 | | | | | | |
| 250 | 0,87 | 95 | 349 | 500 | 400 | 253 | 400 | 315 | | | | | | |
| 315 | 0,87 | 96 | 436 | 630 | 500 | 316 | 500 | 400 | | | | | | |
| 400 | 0,88 | 96 | 547 | 800 | 630 | 396 | 630 | 400 | | | | | | |

The rated motor currents are for standard 1500 r.p.m. motors with normal inner and outer surface cooling
 Fuse: This table applies to "slow" or "gL"
 D.O.L. starting: Maximum starting current: 6 × rated current. Maximum starting time: 5 sec.
 Y/Δ starting: Maximum starting current: 2 × rated current. Maximum starting time: 15 sec.

IP Codes

A coding system is defined by IEC/EN 60529 for the classification of degrees of protection provided by enclosures of electrical equipment against solid objects and water. This coding comprises the letters 'IP' followed by a two digit code as follows:



| 1 st digit | protection against solid objects and access to hazardous parts | 2 nd digit | Protection against water |
|-----------------------|--|-----------------------|--|
| 0 | No protection. | 0 | No protection. |
| 1 |  <p>No ingress by solid objects ≥ 50 mm dia nor access to hazardous parts with the back of the hand.</p> | 1 |  <p>Vertically falling drops of water shall have no harmful effect.</p> |
| 2 |  <p>No ingress by solid objects ≥ 12.5 mm dia nor access to hazardous parts with a finger.</p> | 2 |  <p>Vertically falling drops of water shall have no harmful effect when the enclosure is tilted at any angle up to 15° from vertical.</p> |
| 3 |  <p>No ingress by solid objects ≥ 2.5 mm dia nor access to hazardous parts with a tool.</p> | 3 |  <p>Water sprayed at up to 60° from the vertical shall have no harmful effect.</p> |
| 4 |  <p>No ingress by solid objects ≥ 1.0 mm dia nor access to hazardous parts with a wire.</p> | 4 |  <p>Water splashed from any direction shall have no harmful effect.</p> |
| 5 |  <p>Dust protected. Ingress of dust is not completely prevented, but there should be no harmful deposits. No access to hazardous parts with a wire.</p> | 5 |  <p>Jets of water projected from any direction shall have no harmful effect.</p> |
| 6 |  <p>Dust tight. No ingress of dust. No access to hazardous parts with a wire.</p> | 6 |  <p>Strong jets of water projected from any direction shall have no harmful effect.</p> |
| 1B |  <p>Test finger penetration to a maximum of 80 mm must not contact hazardous parts.</p> | 7 |  <p>Temporary immersion in water shall not result in ingress of harmful quantities of water.</p> |
| | | 8 |  <p>Continuous immersion in water shall not result in ingress of harmful quantities of water.</p> |

Disconnect Switches

Technical Information Technical Data

Rated data

| Rated data | | | H216 | H220 | H226 | H233 | B240 | B250 | B263 | H406 | H408 | H410 | H412 | K616 | K830 |
|---|----------------------|--------------------|--|------|------|------|------|------|------|------------------|------------------|------------------|------------------|-----------------|------------------|
| Operational voltage U _e | (V AC) | | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 ¹ | 690 ¹ | 690 ¹ | 690 ¹ | 690 | 690 |
| Impulse withstand voltage U _{imp} | (kV) | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 6 | 6 |
| Overvoltage category | | | III | III | III | III | III | III | III | III | III | III | III | III | III |
| Pollution degree | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Uninterrupted current I _u / I _{th} / I _{the} | (A) | | 20 | 25 | 32 | 40 | 40 | 50 | 63 | 63 | 80 | 100 | 125 | 160 | 315 |
| Load capacity in intermittent operation (class 12) | (AB) | | DF: 60% = 1.3 × I _e / 40% = 1.6 × I _e / 25% = 2 × I _e | | | | | | | | | | | | |
| Breaking capacity | 220–240V | (A) | 150 | 250 | 300 | 330 | 340 | 340 | 340 | 500 | 550 | 600 | 800 | 900 | 1800 |
| | 380–440V | (A) | 150 | 250 | 300 | 330 | 340 | 340 | 340 | 500 | 550 | 600 | 750 | 850 | 1650 |
| | 500–690V | (A) | 100 | 150 | 190 | 220 | 200 | 200 | 200 | 270 | 285 | 300 | 320 | 340 | 350 |
| Short-circuit rating (max. fuse) | (gL) | | 20 | 25 | 35 | 40 | 40 | 50 | 63 | 63 | 80 | 100 | 125 | 160 | 315 |
| Conditional short-circuit current | (kA _{eff}) | | 15 | 15 | 15 | 15 | — | — | — | 25 | 25 | 25 | 25 | 25 | 25 |
| Short-circuit making capacity I _{cm} | (kA) | | — | — | — | — | 1.4 | 1.6 | 1.8 | — | — | — | — | — | — |
| Short-time withstand current (1 s) | (A) | | — | — | — | — | 500 | 600 | 750 | — | — | — | — | — | — |
| Isolating characteristics (to EN 60947) | (up to ... V AC) | | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 1000 | 1000 | 1000 | 1000 | 690 | 690 |
| Switching angle | | | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 90° | 90° |
| Contacts (Current paths) (max.) | | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Current heat loss per contact at I _u | (W) | | 0.8 | 0.8 | 1.8 | 2.1 | 2.0 | 2.4 | 3.0 | 3.0 | 4.1 | 5.5 | 6.9 | 11 | 28.5 |
| Terminal capacity (ON-OFF Switches) | | | | | | | | | | | | | | | |
| solid or stranded | min. | (mm ²) | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 4 | 4 | 4 | 4 | 95 ² | 185 ² |
| | max. | (mm ²) | 10 | 10 | 10 | 10 | 25 | 25 | 25 | 50 | 50 | 50 | 50 | 95 ² | 185 ² |
| flexible or multiwire (including ferrule) | min. | (mm ²) | 0.75 | 0.75 | 0.75 | 0.75 | 4 | 4 | 4 | 2.5 | 2.5 | 2.5 | 2.5 | 95 ² | 185 ² |
| | max. | (mm ²) | 6 | 6 | 6 | 6 | 16 | 16 | 16 | 35 | 35 | 35 | 35 | 95 ² | 185 ² |
| American Wire Gauge (ON-OFF Switches) | (AWG) | | 8 | 8 | 8 | 8 | 4 | 4 | 4 | 1/0 | 1/0 | 1/0 | 1/0 | 4/0 | 350MCM |
| Terminal capacity (Changeover Switches with jumper) | | | | | | | | | | | | | | | |
| solid or stranded | min. | (mm ²) | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 4 | 4 | 4 | 4 | 95 ² | 185 ² |
| | max. | (mm ²) | 6 | 6 | 6 | 6 | 16 | 16 | 16 | 35 | 35 | 35 | 35 | 95 ² | 185 ² |
| flexible or multiwire (including ferrule) | min. | (mm ²) | 0,75 | 0,75 | 0,75 | 0,75 | 4 | 4 | 4 | 2,5 | 2,5 | 2,5 | 2,5 | 95 ² | 185 ² |
| | max. | (mm ²) | 4 | 4 | 4 | 4 | 10 | 10 | 10 | 25 | 25 | 25 | 25 | 95 ² | 185 ² |
| American Wire Gauge (Changeover Switches with jumper) | (AWG) | | 10 | 10 | 10 | 10 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 4/0 | 350MCM |
| Thread dimensions for terminal screw | | | M4 | M4 | M4 | M4 | M4 | M4 | M4 | M5 | M5 | M5 | M5 | M10 | M12 |
| Terminal tightening torque | min. | (Nm) | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 3.0 | 3.0 | 3.0 | 3.0 | 10 | 14 |
| | max. | (Nm) | 2.5 | 2.5 | 2.5 | 2.5 | 1.8 | 1.8 | 1.8 | 5.0 | 5.0 | 5.0 | 5.0 | 20 | 25 |
| Operational current I _e | | | | | | | | | | | | | | | |
| AC-21A | 220–500V | (A) | 20 | 25 | 32 | 40 | 40 | 50 | 63 | 63 | 80 | 100 | 125 | 160 | 315 |
| | 660–690V | (A) | 16 | 20 | 32 | 40 | 40 | 50 | 63 | 63 | 80 | 100 | 100 | 125 | 125 |
| AC-22A | 400V | (A) | 12 | 16 | 24 | 32 | 32 | 38 | 47 | 47 | 65 | 80 | 97 | 120 | 285 |
| cUL General Use | 300V AC | (A) | 20 | 25 | 30 | 40 | 40 | 50 | 60 | 63 | 80 | 100 | 125 | 175 | 240 |
| | 600V AC | (A) | 20 | 25 | 30 | 40 | 40 | 50 | 60 | 63 | 80 | 100 | 125 | 175 | 240 |
| Operational power 50–60 Hz (3 phase) | | | | | | | | | | | | | | | |
| AC-23A | 220–240V | (kW) | 3 | 4 | 5.5 | 7.5 | 7.5 | 11 | 15 | 15 | 18.5 | 22 | 30 | 37 | 75 |
| | 380–440V | (kW) | 5.5 | 7.5 | 11 | 15 | 15 | 18.5 | 22 | 22 | 30 | 37 | 45 | 75 | 132 |
| | 500V | (kW) | 5.5 | 7.5 | 11 | 15 | 18.5 | 18.5 | 22 | 22 | 30 | 37 | 45 | 90 | 132 |
| | 660–690V | (kW) | 5.5 | 7.5 | 11 | 15 | 15 | 18.5 | 22 | 22 | 30 | 37 | 37 | 55 | 55 |
| AC-3 | 220–240V | (kW) | 2.2 | 3 | 4 | 5.5 | 7.5 | 7.5 | 11 | 11 | 15 | 22 | 30 | 22 | 37 |
| | 380–440V | (kW) | 3.7 | 5.5 | 7.5 | 11 | 11 | 15 | 18.5 | 18.5 | 22 | 30 | 37 | 45 | 55 |
| | 500V | (kW) | 3.7 | 5.5 | 7.5 | 11 | 15 | 15 | 18.5 | 18.5 | 30 | 37 | 45 | 45 | 55 |
| | 660–690V | (kW) | 3.7 | 5.5 | 7.5 | 11 | 11 | 15 | 18.5 | 18.5 | 22 | 30 | 37 | 45 | 55 |
| cUL | 110–120VAC | (HP) | 1 | 1.5 | 2 | 3 | 3 | 5 | 5 | 5 | 7.5 | 10 | 15 | 15 | 25 |
| | 208V AC | (HP) | 2 | 3 | 5 | 7.5 | — | — | — | — | 10 | 15 | — | 15 | 30 |
| | 220–240VAC | (HP) | 2 | 3 | 5 | 7.5 | 7.5 | 10 | 10 | 15 | 20 | 25 | 30 | 15 | 30 |
| | 440–480VAC | (HP) | 3 | 5 | 10 | 15 | 15 | 20 | 20 | 30 | 30 | 30 | 60 | 40 | 50 |
| 550–600VAC | (HP) | 5 | 5 | 10 | 15 | 15 | 20 | 20 | 30 | 30 | 30 | 50 | 50 | 50 | |

¹ 1000V, AC-20, no load switching

² with terminal extensions for cable lug connection

Rated data

| Rated data (auxiliary contacts) | | H216 | H220 | H226 | H233 | B240 | B250 | B263 | H406 | H408 | H410 | H412 | K616 | K830 |
|--|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Operational voltage U_e | (V AC) | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Uninterrupted current $I_u / I_{th} / I_{the}$ | (A) | 10 | 10 | 10 | 10 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 20 | 20 |
| Operational current I_e | | | | | | | | | | | | | | |
| AC-21A | (A) | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 |
| | 110–240V (A) | 2,5 | 2,5 | 2,5 | 2,5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| AC-15 | 380–440V (A) | 1,5 | 1,5 | 1,5 | 1,5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 500V (A) | 1 | 1 | 1 | 1 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 2 | 2 |
| cUL General Use | 600V AC (A) | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 |
| Heavy Pilot Duty | | A600 | A600 | A600 | A600 | A600 | A600 | A600 | A600 | A600 | A600 | A600 | A600 | A600 |
| short-circuit rating (max. fuse) | (gL) | 10 | 10 | 10 | 10 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 20 | 20 |
| Conditional short-circuit current | (kA_{eff}) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 10 | 10 |
| Terminal capacity | | | | | | | | | | | | | | |
| flexible or multiwire | min. (mm ²) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| (including ferrule) | max. (mm ²) | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 |
| American Wire Gauge | (AWG) | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 12 | 12 |

General

| General | | H216 | H220 | H226 | H233 | B240 | B250 | B263 | H406 | H408 | H410 | H412 | K616 | K830 |
|------------------------------|---------------|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Standards | | IEC 60947 / EN 60947 / IEC 60204 / UL 508 / CSA 22.2, No. 14 / VDE 0660 part 107 | | | | | | | | | | | | |
| Mechanical lifespan | | >10 ⁵ | >10 ⁵ | >10 ⁵ | >10 ⁵ | >10 ⁵ | >10 ⁵ | >10 ⁵ | >10 ⁵ | >10 ⁵ | >10 ⁵ | >10 ⁵ | >10 ⁵ | >10 ⁵ |
| Max. operating frequency / h | | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Climatic resistance | constant | to DIN IEC 60068-2-78 | | | | | | | | | | | | |
| (damp heat) | cyclic | to DIN IEC 60068-2-30 | | | | | | | | | | | | |
| Ambient temperature | open (°C) | –25 / +50 | | | | | | | | | | | | |
| (min. / max.) | enclosed (°C) | –25 / +40 | | | | | | | | | | | | |
| Mounting position | | as required | | | | | | | | | | | | |
| Mechanical shock resistance | (g) | >25 | >25 | >25 | >25 | >25 | >25 | >25 | >25 | >25 | >25 | >25 | >10 | >10 |
| Rated frequency | (Hz) | 50 to 60 (other frequencies on request) | | | | | | | | | | | | |

Conformity

Sälzer Electric Disconnect Switches are conform to the regulations of ‘Directive 2014/35/EU on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits’, specified as Low Voltage Directive.

The conformity is proved by the complete compliance of the harmonized EN 60947-1, EN 60947-3, EN 60947-5-1, EN 60204-1.

Sälzer Electric products are developed, manufactured and tested according to these standards. The CE marking on all our products prove the conformity to the directives.

Disconnect Switches from Sälzer are approved according to UL 60947. The Disconnect Switches H216, H220, B240, B250, B263, H406, H408, H410 and H412 are suitable for use as a motor disconnect.



Disconnect Switches

Mounting form table

| Mtg. form | Application | as of page | Mtg. form | Application | as of page | Mtg. form | Application | as of page |
|-----------|---------------------------|------------|-----------|---------------------------|------------|-----------|---------------------------|------------|
| 003G1 | ON-OFF Switch | 80 | 087N4 | Main/Emergency-Off Switch | 38 | 197V4 | Main/Emergency-Off Switch | 44 |
| 003G1 | Changeover Switch | 109 | 087V1 | Main Switch | 72 | 198M1 | Changeover Switch | 130 |
| 003H1 | Changeover Switch | 109 | 087V4 | Main/Emergency-Off Switch | 38 | 198V1 | Changeover Switch | 130 |
| 003M1 | ON-OFF Switch | 80 | 096M1 | ON-OFF Switch | 107 | 203V1 | Changeover Switch | 112 |
| 003M1 | Changeover Switch | 109 | 097M1 | Main Switch | 78 | 204M1 | Changeover Switch | 112 |
| 003V1 | Changeover Switch | 109 | 097M4 | Main/Emergency-Off Switch | 44 | 204V1 | Changeover Switch | 112 |
| 004H1 | Changeover Switch | 109 | 097N1 | Main Switch | 78 | 206M1 | Main Switch | 51 |
| 004V1 | Changeover Switch | 109 | 097N4 | Main/Emergency-Off Switch | 44 | 206M4 | Main/Emergency-Off Switch | 17 |
| 013G1 | ON-OFF Switch | 80 | 097V1 | Main Switch | 78 | 206N1 | Main Switch | 51 |
| 013G1 | Changeover Switch | 109 | 097V4 | Main/Emergency-Off Switch | 44 | 206N4 | Main/Emergency-Off Switch | 17 |
| 013H1 | Changeover Switch | 109 | 126M1 | ON-OFF Switch | 86 | 206V1 | Main Switch | 51 |
| 013M1 | ON-OFF Switch | 80 | 126M1 | Changeover Switch | 113 | 206V4 | Main/Emergency-Off Switch | 17 |
| 013M1 | Changeover Switch | 109 | 126V1 | Main Switch | 53 | 208M1 | ON-OFF Switch | 84 |
| 013V1 | Changeover Switch | 109 | 126V4 | Main/Emergency-Off Switch | 19 | 209M1 | ON-OFF Switch | 84 |
| 014H1 | Changeover Switch | 109 | 127V1 | Changeover Switch | 113 | 213V1 | Changeover Switch | 112 |
| 014V1 | Changeover Switch | 109 | 128V1 | Changeover Switch | 113 | 214M1 | Changeover Switch | 112 |
| 026M1 | ON-OFF Switch | 86 | 136M1 | Main Switch | 46 | 214V1 | Changeover Switch | 112 |
| 026M1 | Changeover Switch | 113 | 136M4 | Main/Emergency-Off Switch | 12 | 216M1 | Main Switch | 51 |
| 026N2 | ON-OFF Switch | 86 | 136N1 | Main Switch | 46 | 216M4 | Main/Emergency-Off Switch | 17 |
| 026V1 | Main Switch | 53 | 136N4 | Main/Emergency-Off Switch | 12 | 216N1 | Main Switch | 51 |
| 026V4 | Main/Emergency-Off Switch | 19 | 176H1 | Changeover Switch | 124 | 216N4 | Main/Emergency-Off Switch | 17 |
| 027V1 | Changeover Switch | 113 | 177H1 | Main Switch | 65 | 216V1 | Main Switch | 51 |
| 028V1 | Changeover Switch | 113 | 177H4 | Main/Emergency-Off Switch | 31 | 216V4 | Main/Emergency-Off Switch | 17 |
| 033H1 | Main Switch | 46 | 181M1 | ON-OFF Switch | 104 | 218M1 | ON-OFF Switch | 84 |
| 033H4 | Main/Emergency-Off Switch | 12 | 181M1 | Changeover Switch | 127 | 219M1 | ON-OFF Switch | 84 |
| 033M1 | Main Switch | 46 | 182M1 | Main Switch | 72 | 234M1 | Main Switch | 56 |
| 033M4 | Main/Emergency-Off Switch | 12 | 182M4 | Main/Emergency-Off Switch | 38 | 234M4 | Main/Emergency-Off Switch | 22 |
| 033N1 | Main Switch | 46 | 182N1 | Main Switch | 72 | 234N1 | Main Switch | 56 |
| 033N4 | Main/Emergency-Off Switch | 12 | 182N4 | Main/Emergency-Off Switch | 38 | 234N4 | Main/Emergency-Off Switch | 22 |
| 033V1 | Main Switch | 46 | 183H1 | Changeover Switch | 127 | 234V1 | Main Switch | 56 |
| 033V4 | Main/Emergency-Off Switch | 12 | 186H1 | Changeover Switch | 127 | 234V4 | Main/Emergency-Off Switch | 22 |
| 034H1 | Main Switch | 63 | 186M1 | ON-OFF Switch | 104 | 238M1 | Main Switch | 56 |
| 034H4 | Main/Emergency-Off Switch | 29 | 186M1 | Changeover Switch | 127 | 238M4 | Main/Emergency-Off Switch | 22 |
| 034M1 | Main Switch | 63 | 186V1 | Changeover Switch | 127 | 238N1 | Main Switch | 56 |
| 034M4 | Main/Emergency-Off Switch | 29 | 187H1 | Main Switch | 72 | 238N4 | Main/Emergency-Off Switch | 22 |
| 034N1 | Main Switch | 63 | 187H4 | Main/Emergency-Off Switch | 38 | 238V1 | Main Switch | 56 |
| 034N4 | Main/Emergency-Off Switch | 29 | 187M1 | Main Switch | 72 | 238V4 | Main/Emergency-Off Switch | 22 |
| 036M1 | Main Switch | 46 | 187M4 | Main/Emergency-Off Switch | 38 | 242M1 | ON-OFF Switch | 89 |
| 036M4 | Main/Emergency-Off Switch | 12 | 187N1 | Main Switch | 72 | 242M1 | Changeover Switch | 116 |
| 036N1 | Main Switch | 46 | 187N4 | Main/Emergency-Off Switch | 38 | 242V1 | Changeover Switch | 116 |
| 036N4 | Main/Emergency-Off Switch | 12 | 187V1 | Main Switch | 72 | 243V1 | Changeover Switch | 116 |
| 036V1 | Main Switch | 46 | 187V4 | Main/Emergency-Off Switch | 38 | 248M1 | ON-OFF Switch | 89 |
| 036V4 | Main/Emergency-Off Switch | 12 | 188M1 | Changeover Switch | 127 | 248M1 | Changeover Switch | 116 |
| 042G1 | ON-OFF Switch | 96 | 188V1 | Changeover Switch | 127 | 248V1 | Changeover Switch | 116 |
| 042G1 | Changeover Switch | 120 | 189H1 | Changeover Switch | 127 | 249V1 | Changeover Switch | 116 |
| 042H1 | Changeover Switch | 120 | 196M1 | ON-OFF Switch | 107 | 281M1 | Main Switch | 56 |
| 043H1 | Changeover Switch | 120 | 196M1 | Changeover Switch | 130 | 281M4 | Main/Emergency-Off Switch | 22 |
| 077H1 | Main Switch | 65 | 196V1 | Changeover Switch | 130 | 281N1 | Main Switch | 56 |
| 077H4 | Main/Emergency-Off Switch | 31 | 197M1 | Main Switch | 78 | 281N4 | Main/Emergency-Off Switch | 22 |
| 086M1 | ON-OFF Switch | 104 | 197M4 | Main/Emergency-Off Switch | 44 | 281V1 | Main Switch | 56 |
| 087M1 | Main Switch | 72 | 197N1 | Main Switch | 78 | 281V4 | Main/Emergency-Off Switch | 22 |
| 087M4 | Main/Emergency-Off Switch | 38 | 197N4 | Main/Emergency-Off Switch | 44 | 283M1 | ON-OFF Switch | 89 |
| 087N1 | Main Switch | 72 | 197V1 | Main Switch | 78 | 283M1 | Changeover Switch | 116 |

Mounting form table

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|-----------|---------------------------|------------|-----------|---------------------------|------------|-----------|---------------------------|------------|
| 283V1 | Changeover Switch | 116 | 710V4 | Main/Emergency-Off Switch | 31 | 976M1 | Changeover Switch | 122 |
| 285M1 | ON-OFF Switch | 91 | 711M1 | ON-OFF Switch | 98 | 977M1 | Main Switch | 67 |
| 285M1 | Changeover Switch | 116 | 715M1 | Main Switch | 71 | 977M4 | Main/Emergency-Off Switch | 33 |
| 285V1 | Changeover Switch | 116 | 715M4 | Main/Emergency-Off Switch | 37 | 977N1 | Main Switch | 67 |
| 286H1 | Changeover Switch | 127 | 715N1 | Main Switch | 71 | 977N4 | Main/Emergency-Off Switch | 33 |
| 287H1 | Main Switch | 72 | 715N4 | Main/Emergency-Off Switch | 37 | 978M1 | Changeover Switch | 122 |
| 287H4 | Main/Emergency-Off Switch | 38 | 715V1 | Main Switch | 71 | 979H1 | Changeover Switch | 124 |
| 291V1 | Changeover Switch | 116 | 715V4 | Main/Emergency-Off Switch | 37 | 986M1 | ON-OFF Switch | 104 |
| 293V1 | Changeover Switch | 116 | 716M1 | ON-OFF Switch | 103 | 987M1 | Main Switch | 72 |
| 449V1 | Changeover Switch | 116 | 720M1 | Main Switch | 67 | 987M4 | Main/Emergency-Off Switch | 38 |
| 471M1 | Main Switch | 65 | 720M4 | Main/Emergency-Off Switch | 33 | 987N1 | Main Switch | 72 |
| 471M4 | Main/Emergency-Off Switch | 31 | 720N1 | Main Switch | 67 | 987N4 | Main/Emergency-Off Switch | 38 |
| 471N1 | Main Switch | 65 | 720N4 | Main/Emergency-Off Switch | 33 | 996M1 | ON-OFF Switch | 107 |
| 471N4 | Main/Emergency-Off Switch | 31 | 720V1 | Main Switch | 67 | 997M1 | Main Switch | 78 |
| 481M1 | ON-OFF Switch | 89 | 720V4 | Main/Emergency-Off Switch | 33 | 997M4 | Main/Emergency-Off Switch | 44 |
| 481M1 | Changeover Switch | 116 | 721M1 | ON-OFF Switch | 100 | 997N1 | Main Switch | 78 |
| 481V1 | Changeover Switch | 116 | 725M1 | Main Switch | 71 | 997N4 | Main/Emergency-Off Switch | 44 |
| 482M1 | ON-OFF Switch | 89 | 725M4 | Main/Emergency-Off Switch | 37 | | | |
| 482M1 | Changeover Switch | 116 | 725N1 | Main Switch | 71 | | | |
| 482V1 | Changeover Switch | 116 | 725N4 | Main/Emergency-Off Switch | 37 | | | |
| 483M1 | Main Switch | 56 | 725V1 | Main Switch | 71 | | | |
| 483M4 | Main/Emergency-Off Switch | 22 | 725V4 | Main/Emergency-Off Switch | 37 | | | |
| 483N1 | Main Switch | 56 | 726M1 | ON-OFF Switch | 103 | | | |
| 483N4 | Main/Emergency-Off Switch | 22 | 727M1 | Changeover Switch | 126 | | | |
| 483V1 | Main Switch | 56 | 728V1 | Changeover Switch | 122 | | | |
| 483V4 | Main/Emergency-Off Switch | 22 | 730M1 | Main Switch | 65 | | | |
| 484M1 | Main Switch | 56 | 730M4 | Main/Emergency-Off Switch | 31 | | | |
| 484M4 | Main/Emergency-Off Switch | 22 | 730N1 | Main Switch | 65 | | | |
| 484N1 | Main Switch | 56 | 730N4 | Main/Emergency-Off Switch | 31 | | | |
| 484N4 | Main/Emergency-Off Switch | 22 | 730V1 | Main Switch | 65 | | | |
| 484V1 | Main Switch | 56 | 730V4 | Main/Emergency-Off Switch | 31 | | | |
| 484V4 | Main/Emergency-Off Switch | 22 | 731M1 | ON-OFF Switch | 98 | | | |
| 485V1 | Changeover Switch | 116 | 732M1 | Changeover Switch | 122 | | | |
| 576H1 | Changeover Switch | 124 | 732V1 | Changeover Switch | 122 | | | |
| 576M1 | Changeover Switch | 122 | 733M1 | Main Switch | 67 | | | |
| 577M1 | Main Switch | 67 | 733M4 | Main/Emergency-Off Switch | 33 | | | |
| 577M4 | Main/Emergency-Off Switch | 33 | 733N1 | Main Switch | 67 | | | |
| 577N1 | Main Switch | 67 | 733N4 | Main/Emergency-Off Switch | 33 | | | |
| 577N4 | Main/Emergency-Off Switch | 33 | 733V1 | Main Switch | 67 | | | |
| 578M1 | ON-OFF Switch | 100 | 733V4 | Main/Emergency-Off Switch | 33 | | | |
| 579H1 | Changeover Switch | 124 | 734M1 | ON-OFF Switch | 100 | | | |
| 700M1 | Main Switch | 65 | 770M1 | Main Switch | 65 | | | |
| 700M4 | Main/Emergency-Off Switch | 31 | 770M4 | Main/Emergency-Off Switch | 31 | | | |
| 700N1 | Main Switch | 65 | 770N1 | Main Switch | 65 | | | |
| 700N4 | Main/Emergency-Off Switch | 31 | 770N4 | Main/Emergency-Off Switch | 31 | | | |
| 700V1 | Main Switch | 65 | 770V1 | Main Switch | 65 | | | |
| 700V4 | Main/Emergency-Off Switch | 31 | 770V4 | Main/Emergency-Off Switch | 31 | | | |
| 701M1 | ON-OFF Switch | 98 | 771M1 | ON-OFF Switch | 98 | | | |
| 710M1 | Main Switch | 65 | 772M1 | Changeover Switch | 122 | | | |
| 710M4 | Main/Emergency-Off Switch | 31 | 772V1 | Changeover Switch | 122 | | | |
| 710N1 | Main Switch | 65 | 773V1 | Changeover Switch | 122 | | | |
| 710N4 | Main/Emergency-Off Switch | 31 | 976H1 | Changeover Switch | 124 | | | |
| 710V1 | Main Switch | 65 | 976M1 | ON-OFF Switch | 100 | | | |

Disconnect Switches

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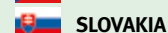
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