



Sample image

## Datasheet

**Article number:** 70011179

**Designation:** KG100.T204/01.E

**Description:** Switch Global Disconnecter

|                                                                                                                                                                                                                                        |                           |                           |                                                                      |                 |                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|----------------------------------------------------------------------|-----------------|---------------------------|
| IEC 60947-3 EN 60947-3, VDE 0660 Teil 107                                                                                                                                                                                              |                           |                           |                                                                      |                 |                           |
| Märkdriftspänning Ui                                                                                                                                                                                                                   |                           |                           |                                                                      |                 |                           |
| Spänning (V) AC / DC                                                                                                                                                                                                                   |                           |                           |                                                                      |                 |                           |
| 690 AC                                                                                                                                                                                                                                 |                           |                           |                                                                      |                 |                           |
| Märkdriftström vid konstant drift                                                                                                                                                                                                      |                           |                           |                                                                      |                 |                           |
| Ström (A)                                                                                                                                                                                                                              | Omgivningstemperatur (°C) | Temperatur topp (°C)      | ytterligare krav                                                     |                 |                           |
| 100                                                                                                                                                                                                                                    | 50                        | 55                        | Omgivningstemperatur +50°C under 24 timmar med toppar upp till +55°C |                 |                           |
| Märkdriftström Ie                                                                                                                                                                                                                      |                           |                           |                                                                      |                 |                           |
| Urvals kriterie                                                                                                                                                                                                                        |                           | Spänning (V)              |                                                                      | Ström (A)       |                           |
| AC-32A                                                                                                                                                                                                                                 |                           | 20 - 400                  |                                                                      | 100             |                           |
| Märkdrifteffekt                                                                                                                                                                                                                        |                           |                           |                                                                      |                 |                           |
| Urvals kriterie                                                                                                                                                                                                                        | Spänning (V)              | No. of phases             | No. of poles                                                         | Effekt (kW)     |                           |
| AC-3                                                                                                                                                                                                                                   | 220 - 240                 | 3                         | 3                                                                    | 18,50           |                           |
| AC-3                                                                                                                                                                                                                                   | 380 - 440                 | 3                         | 3                                                                    | 30              |                           |
| AC-3                                                                                                                                                                                                                                   | 660 - 690                 | 3                         | 3                                                                    | 22              |                           |
| AC-23A                                                                                                                                                                                                                                 | 220 - 240                 | 3                         | 3                                                                    | 22              |                           |
| AC-23A                                                                                                                                                                                                                                 | 380 - 440                 | 3                         | 3                                                                    | 37              |                           |
| AC-23A                                                                                                                                                                                                                                 | 660 - 690                 | 3                         | 3                                                                    | 30              |                           |
| Max försäkring, IEC                                                                                                                                                                                                                    |                           |                           |                                                                      |                 |                           |
| Säkringskaraktäristik                                                                                                                                                                                                                  |                           |                           | Antal säkringar                                                      |                 | Ström (A)                 |
| gG                                                                                                                                                                                                                                     |                           |                           | 1                                                                    |                 | 100                       |
| UL60947-4-1 , UL508                                                                                                                                                                                                                    |                           |                           |                                                                      |                 |                           |
| Nominal Voltage                                                                                                                                                                                                                        |                           |                           |                                                                      |                 |                           |
| Spänning (V) AC / DC                                                                                                                                                                                                                   |                           |                           |                                                                      |                 |                           |
| 600 AC                                                                                                                                                                                                                                 |                           |                           |                                                                      |                 |                           |
| Märkdriftspänning Ui                                                                                                                                                                                                                   |                           |                           |                                                                      |                 |                           |
| Spänning (V) AC / DC                                                                                                                                                                                                                   |                           |                           |                                                                      |                 |                           |
| 600 AC                                                                                                                                                                                                                                 |                           |                           |                                                                      |                 |                           |
| Rated thermal current                                                                                                                                                                                                                  |                           |                           |                                                                      |                 |                           |
| Ström (A)                                                                                                                                                                                                                              |                           | Omgivningstemperatur (°C) |                                                                      | Additional Text |                           |
| 100                                                                                                                                                                                                                                    |                           | 0 - 40                    |                                                                      | --              |                           |
| Horsepower rating                                                                                                                                                                                                                      |                           |                           |                                                                      |                 |                           |
| Across-the-Line Motor Starting                                                                                                                                                                                                         |                           | Spänning (V)              | No. of phases                                                        | No. of poles    | Power (HP)                |
| DOL                                                                                                                                                                                                                                    |                           | 110 - 120                 | 1                                                                    | 2               | 5                         |
| DOL                                                                                                                                                                                                                                    |                           | 220 - 240                 | 1                                                                    | 2               | 15                        |
| DOL                                                                                                                                                                                                                                    |                           | 277 - 277                 | 1                                                                    | 2               | 15                        |
| DOL                                                                                                                                                                                                                                    |                           | 415 - 415                 | 1                                                                    | 2               | 25                        |
| DOL                                                                                                                                                                                                                                    |                           | 440 - 480                 | 1                                                                    | 2               | 30                        |
| DOL                                                                                                                                                                                                                                    |                           | 550 - 600                 | 1                                                                    | 2               | 30                        |
| DOL                                                                                                                                                                                                                                    |                           | 110 - 120                 | 3                                                                    | 3               | 10                        |
| DOL                                                                                                                                                                                                                                    |                           | 220 - 240                 | 3                                                                    | 3               | 25                        |
| DOL                                                                                                                                                                                                                                    |                           | 415 - 415                 | 3                                                                    | 3               | 40                        |
| DOL                                                                                                                                                                                                                                    |                           | 440 - 480                 | 3                                                                    | 3               | 50                        |
| DOL                                                                                                                                                                                                                                    |                           | 550 - 600                 | 3                                                                    | 3               | 50                        |
| SCCR / Max. fuse rating                                                                                                                                                                                                                |                           |                           |                                                                      |                 |                           |
| Conditions of acceptability                                                                                                                                                                                                            |                           |                           |                                                                      |                 |                           |
| These devices are suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses or Circuit Breaker Type SFHA36AT0250, manufactured by General Electric. |                           |                           |                                                                      |                 |                           |
| Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes 600V max., when protected by Class J fuses, 100A max.                                                                                  |                           |                           |                                                                      |                 |                           |
| Temp. rating of wire                                                                                                                                                                                                                   |                           |                           |                                                                      |                 |                           |
| Temperature rating (°C)                                                                                                                                                                                                                |                           | Ström (A)                 |                                                                      | Text            |                           |
| 75                                                                                                                                                                                                                                     |                           | --                        |                                                                      | --              |                           |
| Connecting instructions                                                                                                                                                                                                                |                           |                           |                                                                      |                 |                           |
| Markings                                                                                                                                                                                                                               |                           |                           |                                                                      |                 |                           |
| Break all lines.                                                                                                                                                                                                                       |                           |                           |                                                                      |                 |                           |
| General Use                                                                                                                                                                                                                            |                           |                           |                                                                      |                 |                           |
| AC / DC                                                                                                                                                                                                                                | Spänning (V)              | Ström (A)                 | No. of phases                                                        | No. of poles    | No. of contacts in series |
| AC                                                                                                                                                                                                                                     | 277                       | 100                       | 1                                                                    | 1               | 1                         |

| General Use |              |           |               |              |                           |
|-------------|--------------|-----------|---------------|--------------|---------------------------|
| AC / DC     | Spänning (V) | Ström (A) | No. of phases | No. of poles | No. of contacts in series |
| AC          | 600          | 100       | 1             | 2            | 1                         |
| AC          | 600          | 100       | 3             | 3            | 1                         |

| General Information                                                                                                                                                                                                                                                                                    |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| Text                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |
| - The operating handle and position indicating means to be used with these manual motor controllers should be provided from the manufacturer, or the operating handle and position indicating means to be used should have been previously evaluated in combination with the manual motor controllers. |  |  |  |  |  |
| - När brytaren används som säkerhetsbrytare skall den vara utrustad med vred som är låsbart i läge "0".                                                                                                                                                                                                |  |  |  |  |  |

| CSA                   |  |                           |         |                 |
|-----------------------|--|---------------------------|---------|-----------------|
| Nominal Voltage       |  |                           |         |                 |
|                       |  | Spänning (V)              | AC / DC |                 |
|                       |  | 600                       | AC      |                 |
| Märkdriftspänning Ui  |  |                           |         |                 |
|                       |  | Spänning (V)              | AC / DC |                 |
|                       |  | 600                       | AC      |                 |
| Rated thermal current |  |                           |         |                 |
| Ström (A)             |  | Omgivningstemperatur (°C) |         | Additional Text |
| 100                   |  | 0 - 40                    |         | --              |

| Horsepower rating              |  |              |               |              |            |
|--------------------------------|--|--------------|---------------|--------------|------------|
| Across-the-Line Motor Starting |  | Spänning (V) | No. of phases | No. of poles | Power (HP) |
| DOL                            |  | 110 - 120    | 1             | 2            | 5          |
| DOL                            |  | 220 - 240    | 1             | 2            | 15         |
| DOL                            |  | 277 - 277    | 1             | 2            | 15         |
| DOL                            |  | 415 - 415    | 1             | 2            | 25         |
| DOL                            |  | 440 - 480    | 1             | 2            | 30         |
| DOL                            |  | 550 - 600    | 1             | 2            | 30         |
| DOL                            |  | 110 - 120    | 3             | 3            | 10         |
| DOL                            |  | 220 - 240    | 3             | 3            | 25         |
| DOL                            |  | 415 - 415    | 3             | 3            | 40         |
| DOL                            |  | 440 - 480    | 3             | 3            | 50         |
| DOL                            |  | 550 - 600    | 3             | 3            | 50         |

| Temp. rating of wire |  |  |                         |  |  |
|----------------------|--|--|-------------------------|--|--|
|                      |  |  | Temperature rating (°C) |  |  |
|                      |  |  | 75                      |  |  |
|                      |  |  | Ström (A) Text          |  |  |
|                      |  |  | -- --                   |  |  |

| General Use |              |           |               |              |                           |
|-------------|--------------|-----------|---------------|--------------|---------------------------|
| AC / DC     | Spänning (V) | Ström (A) | No. of phases | No. of poles | No. of contacts in series |
| AC          | 277          | 100       | 1             | 1            | 1                         |
| AC          | 600          | 100       | 1             | 2            | 1                         |
| AC          | 600          | 100       | 3             | 3            | 1                         |

## GENERAL TECHNICAL INFORMATION

| Size of conductor                                 |                   |                               |                                                 |                      |  |
|---------------------------------------------------|-------------------|-------------------------------|-------------------------------------------------|----------------------|--|
| composition of conductor                          | Min. / Max. value | No. of conductor per terminal | Cross section (mm <sup>2</sup> ) or (AWG/kcmil) | Material of the wire |  |
| solid wire                                        | Min.              | 1                             | 2,5mm <sup>2</sup>                              | Copper               |  |
| flexible wire                                     | Min.              | 1                             | 4mm <sup>2</sup>                                | Copper               |  |
| flexible wire                                     | Max.              | 1                             | 35mm <sup>2</sup>                               | Copper               |  |
| flexible wire                                     | Max.              | 1                             | AWG 2                                           | Copper               |  |
| Single-core or stranded wire                      | Max.              | 1                             | AWG 1/0                                         | Copper               |  |
| Single-core or stranded wire                      | Max.              | 1                             | 50mm <sup>2</sup>                               | Copper               |  |
| flexible wire with sleeve                         | Max.              | 1                             | 35mm <sup>2</sup>                               | Copper               |  |
| flexible wire with ferrule according to DIN 46228 | Min.              | 1                             | 2,5mm <sup>2</sup>                              | Copper               |  |

| Stripping length                                                                    |  |
|-------------------------------------------------------------------------------------|--|
| Length (mm) --                                                                      |  |
|  |  |

| Rekomenderad skruvmejsel               |         |
|----------------------------------------|---------|
| Typ av skruvmejsel                     | Value   |
| Stjärskruvmejsel                       | PH2     |
| Slot screwdriver according to DIN 5264 | 1,2x6,5 |

| Tightening torque of screws |  |                           |
|-----------------------------|--|---------------------------|
| tightening torque (Nm)      |  | tightening torque (lb-in) |
| 3                           |  | 27                        |

| Approbations     |                                                                                       |
|------------------|---------------------------------------------------------------------------------------|
| Specification    | Marking                                                                               |
| EAC              |  |
| CE marking       |  |
| UK Directives    |  |
| CSA C.22.2 No.14 |  |
| GB/T14048.3      |  |

## General Information

### Text

- Smörjning och behandling av kontakterna är förbjuden.
- Inkoppling och service av strömställaren får endast utföras av behörig personal. Strömställaren är underhållsfri.
- Använd endast kopparkabel. Kabeln får inte förtennas.
- Alla anslutningsskruvar måste dras med rekommenderat moment, även de som inte används då det kan finnas interna överkopplingar.

### Waste Electrical & Electronic Equipment (WEEE)

#### Picture name

#### Description



Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company, return to the supplier for disposal, or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at [www.krausnaimer.com](http://www.krausnaimer.com)

### Proposition 65

#### Picture name

#### Description



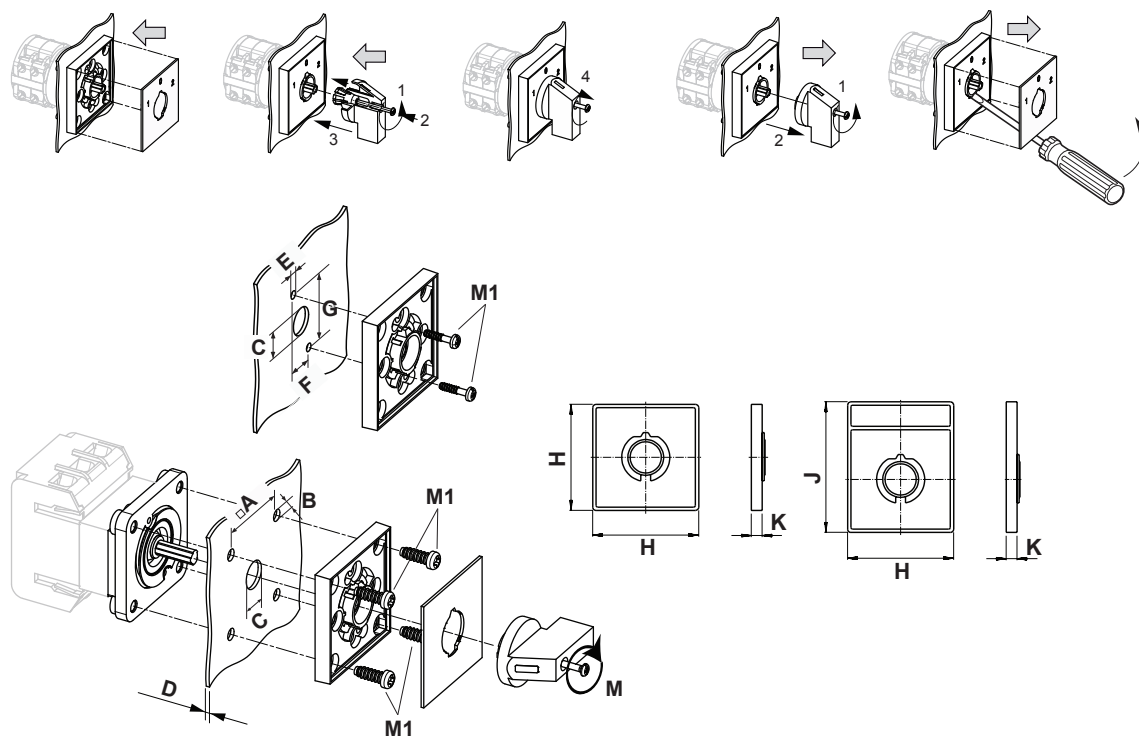
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

## Mounting-E

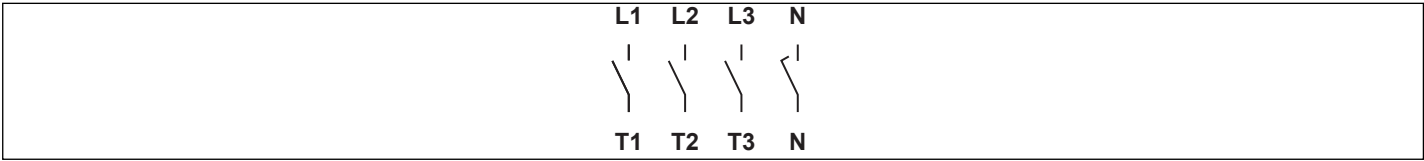


|                            |   |                  |
|----------------------------|---|------------------|
| Skyddsklass frontpanel, IP |   | IP66, IP67       |
| Stages                     |   | 1,00 - 12,00     |
| A                          | □ | 48,00 mm         |
| B                          | ∅ | 5,00 mm          |
| C                          | ∅ | 10,00 - 15,00 mm |
| D                          | H | <= 4,00 mm       |
| E                          | ∅ | 4,50 mm          |
| F                          | H | 14,00 mm         |
| G                          | H | 37,00 mm         |
| H                          | H | 64,00 mm         |
| J                          | H | 78,00 mm         |
| K                          | H | 7,40 mm          |
| M                          | ↺ | 0,70 Nm          |
| M1                         | ↺ | 0,90 Nm          |



Wiring diagram

KG100.T304.E



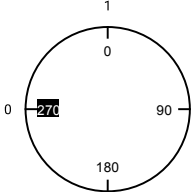
## Switch program

KG100.T304.E



Kraus & Naimer

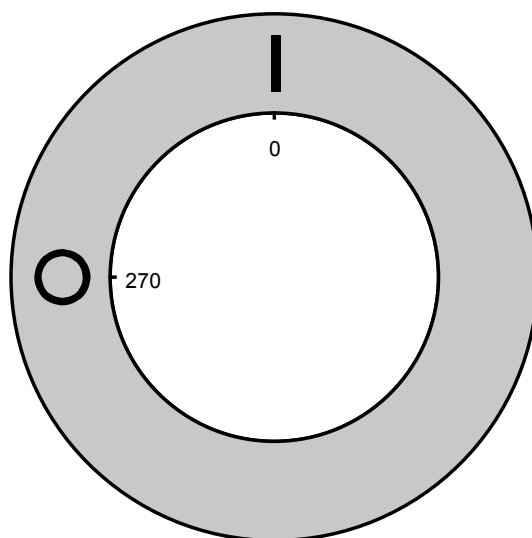
|              |             |          |                    |
|--------------|-------------|----------|--------------------|
| <b>KG100</b> | <b>T304</b> | <b>E</b> | <b>Page 1 of 1</b> |
|--------------|-------------|----------|--------------------|

| Face Plate                                                                                                                                                                                                                                                                                                                                                                                                 |     |    |    |    |   |    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|----|----|---|----|----|----|----|
|                                                                                                                                                                                                                                                                                                                           |     | L1 | L2 | L3 | N |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                            |     | 1  | 3  | 5  | 7 | 9  | 11 | 13 | 15 |
| <div style="display: flex; justify-content: space-around;">     </div> |     |    |    |    |   |    |    |    |    |
| Switching Angle <span style="border: 1px solid black; padding: 2px;">90</span><br>Total switching Angle <span style="border: 1px solid black; padding: 2px;">90</span>                                                                                                                                                                                                                                     |     | 2  | 4  | 6  | 8 | 10 | 12 | 14 | 16 |
|                                                                                                                                                                                                                                                                                                                                                                                                            |     | T1 | T2 | T3 | N |    |    |    |    |
| 0                                                                                                                                                                                                                                                                                                                                                                                                          | 270 |    |    |    |   |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                            |     |    |    |    |   |    |    |    |    |
| 1                                                                                                                                                                                                                                                                                                                                                                                                          | 0   | ■  | ■  | ■  | ■ |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                            |     |    |    |    |   |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                            | 90  |    |    |    |   |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                            |     |    |    |    |   |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                            |     |    |    |    |   |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                            | 180 |    |    |    |   |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                            |     |    |    |    |   |    |    |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                            |     |    |    |    |   |    |    |    |    |

Version: 94

## Face plate

S1.F456/C10.V11H





Sample image

## PADLOCK DEVICE

with F-handle ring

**Designation:** S1.V840G/D61/A2

**Colour of F-handle ring:** "D" red

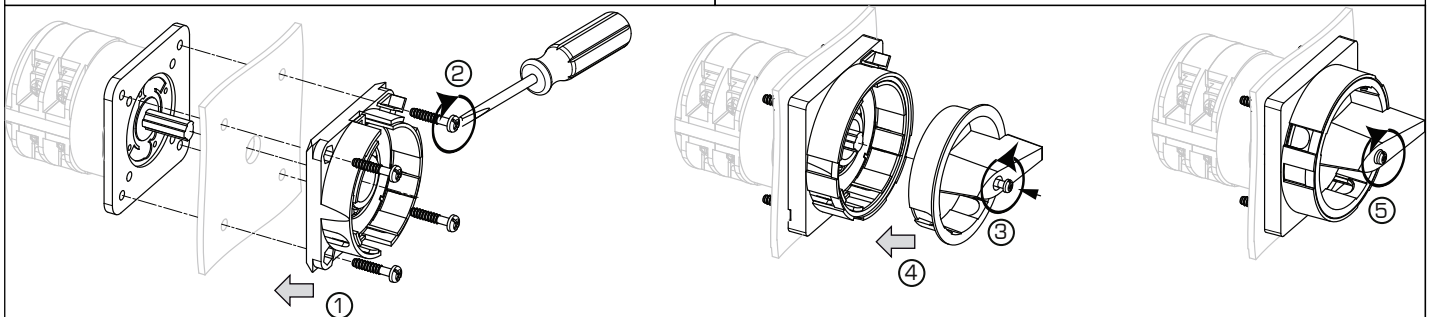
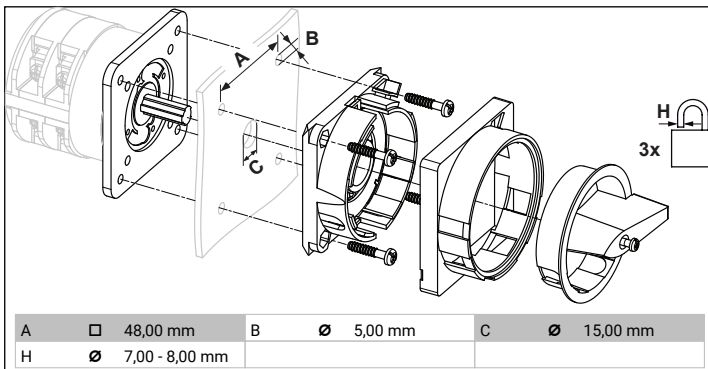
**Colour of face ring:** "6" yellow

**Locking position:** "1" at 270° (1x90°)

**Type of mounting:** "A" for type of mounting E

**Type of mounting:** "A" for type of mounting GK (Rose)

**Switch type:** "2" for KA-, KG- and KH(R)-switches



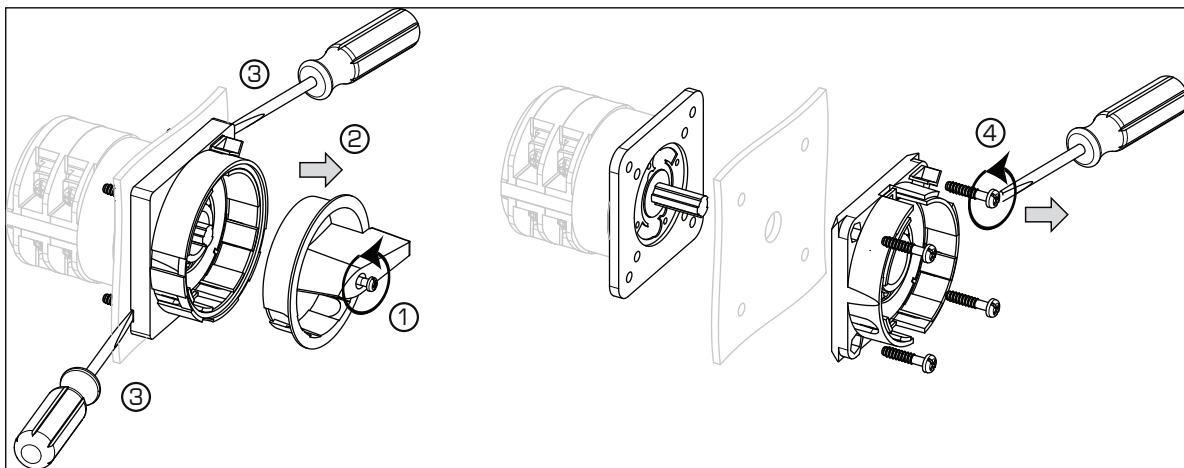
### MOUNTING

1 + 2 The padlock device has to be mounted by four cylinder head screws from the front.

3 Loosen the screw and

4 Push it into the handle onto the shaft

5 Fasten the screw.



1 Loose handle screw

2 remove handle.

3 Insert a proper auxiliary tool at those points of the frame of the device which are marked by a screw driver on the drawing and remove the frame.

4 Fixing screws can be loosen now.