Breakers and Switches

# Switches
# Rotary cam switches
# OC 10...25 Amperes

Power and productivity
for a better world™

# Rotary cam switches
# OC10...25

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# High quality cam switches
# OC10...25 Amperes

| | Door mounted | | |
|---|---|---|---|
| **Cam switch type** | **OC10_PN_** | **OC25_PN_** | **OC25_RN_** |
| | Snap-on mounted nose handle | Snap-on mounted nose handle | Screw mounted nose handle |
| **$I_{th}$ [A]** | 10 | 25 | 25 |
| **Standard cam switches** | | | |
| ON-OFF switches | x | x | x |
| Change-over switches | x | x | x |
| Bypass switches | | x | |
| Multistep switches | x | x | x |
| Motor control switches | | | |
| Ventilation switches | x | x | |
| Reversing switches | | x | |
| Star-delta switches | | x | |
| Pole-change switches (Dahlander) | | x | |
| Pumpstart switches | x | x | |
| Stop switches | x | x | |
| Start switches | x | x | x |
| Voltmeter switches | x | x | x |
| Ammeter switches | x | x | x |
| Volt-ammeter switches | | x | |
| Binarycode switches | | x | |

| Accessories | |
|---|---|
| Handles | Spare key |
| Front plates | Connection jumpers |
| Base mounting kit | Protective rear cover |
| Lettering plates | Nut spanner tool |

| | | | | Modular DIN rail base mounted |
|---|---|---|---|---|
| OC25_PX_ | OC10_KN_ | OC25_KN_ | OC25_KX_ | OC25_MN_ |
| Snap-on mounted nose handle with round front ring | Snap-on mounted key-operated handle | Snap-on mounted key-operated handle | Snap-on mounted key-operated handle with round front ring | |
| 25 | 10 | 25 | 25 | 25 |
| | | | | |
| | | | | |
| x | x | x | x | x |
| x | x | x | | x |
| | | | | |
| x | | | | x |
| | | | | |
| | | | | x |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | x |
| | | | | |
| x | | | | x |
| x | | | | x |
| x | | | | x |
| | | | | |
| | | | | |

# High quality cam switches
# OC10...25 Amperes

### CamWeb2 – Best configuration tool
### It's powerful, it's fast, it's user-friendly
Configuration tool CamWeb2 is designed to allow customers to custom-configure cam switches according their needs

- Custom-made cam switches designed specifically for you

### Availability ensured at all times
A lean supply-chain along with local manufacturing ensures a fast delivery

- You can have your cam switch when you need it

### High quality with the ABB brand
OC cam switches are equipped with the ABB logo

- Your product is equipped with a mark of high quality and excellent performance

### High performance cam switches
Electrical ratings for various applications in control switching. Modularity in design enables robust switches for more demanding applications

- Cam switches that perform according to your needs

### Designed for safety
Finger-proof tunnel terminals (IP20) and handles with high protection degree (IP54, IP65 and IP67) ensure safe operation at all times

- Safe installation and operation guaranteed

### Versatile mounting options
Door- and base mounting. Snap-on handles for door mounting.

- Quick and easy installation creates savings in both time ad cost

### ABB's complete offering
ABB offers a wide variety of swithes, breakers, control gear, wiring accessories, DIN-rail components and much more

- A wide range of LV products available from one supplier

High quality ABB cam switches perform according to your needs. Electrical ratings for various applications in control switching. Modularity in design enables robust switches for more demanding applications. Standard and custom-made cam switches available, easy to configure with CamWeb2, the powerful, fast and user-friendly configuration tool.

# Special cam switches
# Design your own cam switch with CamWeb2

### CamWeb2 – Best configuration tool

#### It's powerful, it's fast, it's user-friendly

Configuration tool CamWeb2 is designed to allow customers to custom-configure cam switches according their needs.

- Configuration of non-standard switches
- No need to do specifications manually
- Browser application, no installed software needed
- With a broad selection of accessories and contact configurations in CamWeb2, there is always a switch suitable for your application

▸ Custom-made cam switches designed specifically for you

#### How to use?

1 Goto https://camweb2.com and login
2 Select ampere, poles and handle type
3 Select angle system and design front plate
4 Specify the contacts
5 Make the jumper connection
6 Save and Send
7 Information output

### Padlockable handle and gang drive selection, configuration with CamWeb2

#### Padlockable nose handle

Front plate size 51x51 mm, snap-on or screw mounted

#### Padlockable extended handle

Front plate size 66x66 mm, snap-on or screw mounted

#### Round padlockable handle

Front plate size 66x66 mm, snap-on or screw mounted

#### Key interlocked nose or extended handle

Front plate size 51x51 mm or 66x66 mm, screw mounted

#### Double gang (Tandem) drive

Front plate size 66x66 mm, screw mounted

#### Triple gang drive

Front plate size 66x66 mm, screw mounted

# Technical data
# Rotary cam switches OC 10...25 Amperes

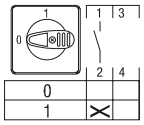
## Ratings according to IEC60947-3

| | | | | OC10 | OC25 |
|---|---|---|---|---|---|
| Rated insulation voltage | Pollution degree 3 | | V | 500 | 690 |
| Rated impulse withstand voltage | $U_{imp}$ | | kV | 2.5 | 4 |
| Rated thermal current | $I_{th}$ | | A | 10 | 25 |
| Rated conditional short circuit current | $I_p$ (r.m.s.) | | kA | 1[1)] | 7[1)] |
| Max back-up fuse link | | | A | 10 | 25 |
| Rated short time withstand current | r.m.s. -value $I_{cw}$ | 1s | A | 120 | 300 |
| | | 3s | A | 70 | 173 |
| Rated operational current | AC-23A 3-phase | 230 V | A | 7.6 | 15 |
| | | 400 V | A | 6.5 | 15 |
| | | 500 V | A | - | 8.1 |
| | | 690 V | A | - | 5.9 |
| | AC-23A 1-phase | 230 V | A | 7.2 | 8.7 |
| | | 400 V | A | 6.1 | 8.3 |
| | AC-3 3-phase | 230 V | A | 7.6 | 12 |
| | | 400 V | A | 4.9 | 12 |
| | | 500 V | A | - | 6.8 |
| | | 690 V | A | - | 4.9 |
| | AC-3 1-phase | 230 V | A | 5.3 | 7.2 |
| | | 400 V | A | 4.2 | 7.2 |
| Rated operational power[4)] | AC-23A 3-phase | 230 V | kW | 1.8 | 2.6 |
| | | 400 V | kW | 3 | 7.5 |
| | | 500 V | kW | - | 4.8 |
| | | 690 V | kW | - | 4.8 |
| | AC-23A 1-phase | 230 V | kW | 0.8 | 0.9 |
| | | 400 V | kW | 1.1 | 1.5 |
| | AC-3 3-phase | 230 V | kW | 1.8 | 2.2 |
| | | 400 V | kW | 2.2 | 5.5 |
| | | 500 V | kW | - | 4 |
| | | 690 V | kW | - | 4 |
| | AC-3 1-phase | 230 V | kW | 0.6 | 0.8 |
| | | 400 V | kW | 0.8 | 1.3 |
| Terminals | Thightening torgue | | Nm | 0.3...0.4 | 0.4...0.8 |
| | Max cable cross section, solid/stranded[3)] | | $mm^2$ | 0.5...1.5 | 1.5...4 |
| Temperature | Storing temperature | | °C | -40...+80 | -40...+80 |
| | Operational temperature[2)] | | °C | -30...+70 | -30...+70 |

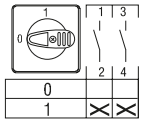
[1)] 400 V
[2)] At 40°C, derating 0%
At 70°C, derating 30%
Current peaks up to 60°C, derating 0%
[3)] Use copper wire only
[4)] These values are given for guidance and may vary acc. to the motor manufacturer

# Ordering information
# Rotary cam switches

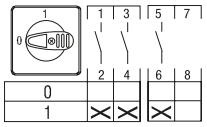
OC_A1



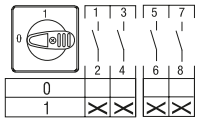
OC_A2



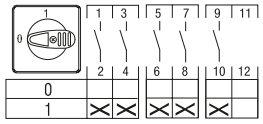
OC_A3



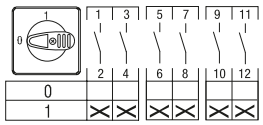
OC_A4



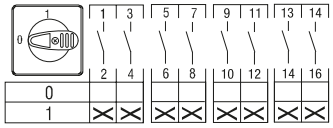
OC_A5



OC_A6



OC_A8



## ON - OFF switches

The handle and front plate with position indication are included according to the table below. Key operated cam switches: the key can be removed in both positions, includes two keys. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece.

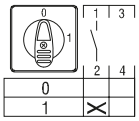
### 0-position: 9 o´clock, step angle 90°

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0 - 1 | 1 / 1 | 10 | OC10G01PNBN00NA1 | 1SCA126421R1001 | 10 | 0.034 |
| 0 - 1 | 2 / 2 | 10 | OC10G02PNBN00NA2 | 1SCA126423R1001 | 10 | 0.036 |
| 0 - 1 | 3 / 3 | 10 | OC10G03PNBN00NA3 | 1SCA126426R1001 | 10 | 0.043 |
| 0 - 1 | 4 / 4 | 10 | OC10G04PNBN00NA4 | 1SCA126427R1001 | 10 | 0.045 |
| 0 - 1 | 5 / 5 | 10 | OC10G05PNBN00NA5 | 1SCA126428R1001 | 10 | 0.052 |
| 0 - 1 | 6 / 6 | 10 | OC10G06PNBN00NA6 | 1SCA126429R1001 | 10 | 0.054 |
| 0 - 1 | 1 / 1 | 25 | OC25G01PNBN00NA1 | 1SCA126433R1001 | 10 | 0.081 |
| 0 - 1 | 2 / 2 | 25 | OC25G02PNBN00NA2 | 1SCA126440R1001 | 10 | 0.086 |
| 0 - 1 | 3 / 3 | 25 | OC25G03PNBN00NA3 | 1SCA126448R1001 | 10 | 0.102 |
| 0 - 1 | 4 / 4 | 25 | OC25G04PNBN00NA4 | 1SCA126452R1001 | 10 | 0.108 |
| 0 - 1 | 5 / 5 | 25 | OC25G05PNBN00NA5 | 1SCA126456R1001 | 10 | 0.124 |
| 0 - 1 | 6 / 6 | 25 | OC25G06PNBN00NA6 | 1SCA126459R1001 | 10 | 0.129 |
| 0 - 1 | 8 / 8 | 25 | OC25G08PNBN00NA8 | 1SCA126461R1001 | 10 | 0.153 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0 - 1 | 1 / 1 | 25 | OC25G01RNBN00NA1 | 1SCA126436R1001 | 10 | 0.152 |
| 0 - 1 | 2 / 2 | 25 | OC25G02RNBN00NA2 | 1SCA126442R1001 | 10 | 0.157 |
| 0 - 1 | 3 / 3 | 25 | OC25G03RNBN00NA3 | 1SCA126451R1001 | 10 | 0.174 |
| 0 - 1 | 4 / 4 | 25 | OC25G04RNBN00NA4 | 1SCA126455R1001 | 10 | 0.179 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| 0 - 1 | 1 / 1 | 25 | OC25G01PXBN00NA1 | 1SCA126435R1001 | 10 | 0.075 |
| 0 - 1 | 2 / 2 | 25 | OC25G02PXBN00NA2 | 1SCA126441R1001 | 10 | 0.080 |
| 0 - 1 | 3 / 3 | 25 | OC25G03PXBN00NA3 | 1SCA126450R1001 | 10 | 0.097 |
| 0 - 1 | 4 / 4 | 25 | OC25G04PXBN00NA4 | 1SCA126454R1001 | 10 | 0.102 |
| **Door mounted, snap-on mounted key operated, black front frame and silver front plate** | | | | | | |
| 0 - 1 | 1 / 1 | 10 | OC10G01KNBN00NA1 | 1SCA126420R1001 | 10 | 0.049 |
| 0 - 1 | 3 / 3 | 10 | OC10G03KNBN00NA3 | 1SCA126425R1001 | 10 | 0.058 |
| 0 - 1 | 1 / 1 | 25 | OC25G01KNBN00NA1 | 1SCA126430R1001 | 10 | 0.100 |
| 0 - 1 | 3 / 3 | 25 | OC25G03KNBN00NA3 | 1SCA126444R1001 | 10 | 0.122 |
| **Door mounted, snap-on mounted key operated, round front ring, no engraving** | | | | | | |
| 0 - 1 | 1 / 1 | 25 | OC25G01KXBN00NA1 | 1SCA126431R1001 | 10 | 0.094 |
| 0 - 1 | 2 / 2 | 25 | OC25G02KXBN00NA2 | 1SCA126437R1001 | 10 | 0.099 |
| 0 - 1 | 3 / 3 | 25 | OC25G03KXBN00NA3 | 1SCA126446R1001 | 10 | 0.116 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| 0 - 1 | 1 / 1 | 25 | OC25G01MNGN00NA1 | 1SCA126432R1001 | 10 | 0.084 |
| 0 - 1 | 2 / 2 | 25 | OC25G02MNGN00NA2 | 1SCA126439R1001 | 10 | 0.089 |
| 0 - 1 | 3 / 3 | 25 | OC25G03MNGN00NA3 | 1SCA126447R1001 | 10 | 0.095 |
| 0 - 1 | 6 / 6 | 25 | OC25G06MNGN00NA6 | 1SCA126458R1001 | 10 | 0.112 |

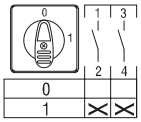
Packing sizes for 10 pcs: OC10_A1...A6: 200 x 80 x 98 mm
OC25_A1...A6: 265 x 106 x 112 mm, OC25_A8: 265 x 106 x 148 mm

# Ordering information
# Rotary cam switches

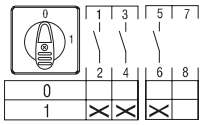
OC_A01



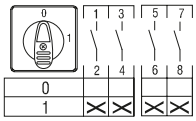
OC_A02



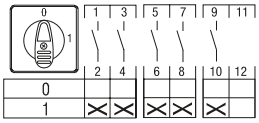
OC_A03



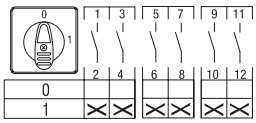
OC_A04



OC_A05



OC_A06



## ON - OFF switches

The handle and front plate with position indication are included according to the table below, with simultaneous contacts. Key operated cam switches: the key can be removed in both positions, includes two keys. The type and the order number are for one piece.

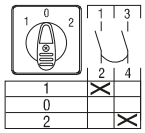
### 0-position: 12 o´clock, step angle 90°

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0 - 1 | 1 / 1 | 10 | OC10G01PNBN00NA01 | 1SCA126467R1001 | 10 | 0.034 |
| 0 - 1 | 2 / 2 | 10 | OC10G02PNBN00NA02 | 1SCA126468R1001 | 10 | 0.036 |
| 0 - 1 | 3 / 3 | 10 | OC10G03PNBN00NA03 | 1SCA126470R1001 | 10 | 0.043 |
| 0 - 1 | 4 / 4 | 10 | OC10G04PNBN00NA04 | 1SCA126471R1001 | 10 | 0.045 |
| 0 - 1 | 5 / 5 | 10 | OC10G05PNBN00NA05 | 1SCA126472R1001 | 10 | 0.052 |
| 0 - 1 | 6 / 6 | 10 | OC10G06PNBN00NA06 | 1SCA126473R1001 | 10 | 0.054 |
| 0 - 1 | 1 / 1 | 25 | OC25G01PNBN00NA01 | 1SCA126476R1001 | 10 | 0.081 |
| 0 - 1 | 2 / 2 | 25 | OC25G02PNBN00NA02 | 1SCA126478R1001 | 10 | 0.086 |
| 0 - 1 | 3 / 3 | 25 | OC25G03PNBN00NA03 | 1SCA126481R1001 | 10 | 0.102 |
| 0 - 1 | 4 / 4 | 25 | OC25G04PNBN00NA04 | 1SCA126482R1001 | 10 | 0.108 |
| 0 - 1 | 5 / 5 | 25 | OC25G05PNBN00NA05 | 1SCA126483R1001 | 10 | 0.124 |
| 0 - 1 | 6 / 6 | 25 | OC25G06PNBN00NA06 | 1SCA126485R1001 | 10 | 0.129 |
| **Door mounted, snap-on mounted key operated, black front frame and silver front plate** | | | | | | |
| 0 - 1 | 1 / 1 | 10 | OC10G01KNBN00NA01 | 1SCA126466R1001 | 10 | 0.049 |
| 0 - 1 | 3 / 3 | 10 | OC10G03KNBN00NA03 | 1SCA126469R1001 | 10 | 0.058 |
| 0 - 1 | 1 / 1 | 25 | OC25G01KNBN00NA01 | 1SCA126474R1001 | 10 | 0.100 |
| 0 - 1 | 3 / 3 | 25 | OC25G03KNBN00NA03 | 1SCA126479R1001 | 10 | 0.122 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| 0 - 1 | 1 / 1 | 25 | OC25G01MNGN00NA01 | 1SCA126475R1001 | 10 | 0.084 |
| 0 - 1 | 2 / 2 | 25 | OC25G02MNGN00NA02 | 1SCA126477R1001 | 10 | 0.089 |
| 0 - 1 | 3 / 3 | 25 | OC25G03MNGN00NA03 | 1SCA126480R1001 | 10 | 0.095 |
| 0 - 1 | 6 / 6 | 25 | OC25G06MNGN00NA06 | 1SCA126484R1001 | 10 | 0.112 |

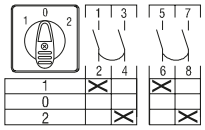
Packing sizes for 10 pcs:
OC10_: 200 x 80 x 98 mm
OC25_: 265 x 106 x 112 mm

# Ordering information
# Rotary cam switches

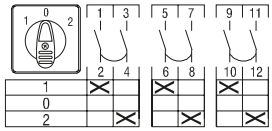
OC_U1



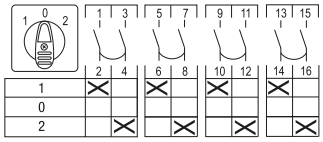
OC_U2



OC_U3



OC_U4



## Change-over switches

The handle and front plate with position indication are included according to the table below. Key operated cam switches: the key can be removed in all positions, includes two keys. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece.

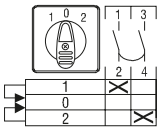
### With 0-position, step angle 60°

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1 - 0 - 2 | 1 / 2 | 10 | OC10G02PNBN00NU1 | 1SCA126487R1001 | 10 | 0.036 |
| 1 - 0 - 2 | 2 / 4 | 10 | OC10G04PNBN00NU2 | 1SCA126488R1001 | 10 | 0.045 |
| 1 - 0 - 2 | 3 / 6 | 10 | OC10G06PNBN00NU3 | 1SCA126490R1001 | 10 | 0.055 |
| 1 - 0 - 2 | 4 / 8 | 10 | OC10G08PNBN00NU4 | 1SCA126491R1001 | 10 | 0.065 |
| 1 - 0 - 2 | 1 / 2 | 25 | OC25G02PNBN00NU1 | 1SCA126494R1001 | 10 | 0.086 |
| 1 - 0 - 2 | 2 / 4 | 25 | OC25G04PNBN00NU2 | 1SCA126498R1001 | 10 | 0.108 |
| 1 - 0 - 2 | 3 / 6 | 25 | OC25G06PNBN00NU3 | 1SCA126503R1001 | 10 | 0.130 |
| 1 - 0 - 2 | 4 / 8 | 25 | OC25G08PNBN00NU4 | 1SCA126506R1001 | 10 | 0.155 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1 - 0 - 2 | 1 / 2 | 25 | OC25G02RNBN00NU1 | 1SCA126496R1001 | 10 | 0.158 |
| 1 - 0 - 2 | 2 / 4 | 25 | OC25G04RNBN00NU2 | 1SCA126500R1001 | 10 | 0.180 |
| 1 - 0 - 2 | 3 / 6 | 25 | OC25G06RNBN00NU3 | 1SCA126505R1001 | 10 | 0.202 |
| 1 - 0 - 2 | 4 / 8 | 25 | OC25G08RNBN00NU4 | 1SCA126508R1001 | 10 | 0.227 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| 1 - 0 - 2 | 1 / 2 | 25 | OC25G02PXBN00NU1 | 1SCA126495R1001 | 10 | 0.081 |
| 1 - 0 - 2 | 2 / 4 | 25 | OC25G04PXBN00NU2 | 1SCA126499R1001 | 10 | 0.103 |
| 1 - 0 - 2 | 3 / 6 | 25 | OC25G06PXBN00NU3 | 1SCA126504R1001 | 10 | 0.125 |
| 1 - 0 - 2 | 4 / 8 | 25 | OC25G08PXBN00NU4 | 1SCA126507R1001 | 10 | 0.149 |
| **Door mounted, snap-on mounted key operated, black front frame and silver front plate** | | | | | | |
| 1 - 0 - 2 | 1 / 2 | 10 | OC10G02KNBN00NU1 | 1SCA126486R1001 | 10 | 0.051 |
| 1 - 0 - 2 | 3 / 6 | 10 | OC10G06KNBN00NU3 | 1SCA126489R1001 | 10 | 0.070 |
| 1 - 0 - 2 | 1 / 2 | 25 | OC25G02KNBN00NU1 | 1SCA126492R1001 | 10 | 0.105 |
| 1 - 0 - 2 | 3 / 6 | 25 | OC25G06KNBN00NU3 | 1SCA126501R1001 | 10 | 0.149 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| 1 - 0 - 2 | 1 / 2 | 25 | OC25G02MNGN00NU1 | 1SCA126493R1001 | 10 | 0.090 |
| 1 - 0 - 2 | 2 / 4 | 25 | OC25G04MNGN00NU2 | 1SCA126497R1001 | 10 | 0.101 |
| 1 - 0 - 2 | 3 / 6 | 25 | OC25G06MNGN00NU3 | 1SCA126502R1001 | 10 | 0.113 |

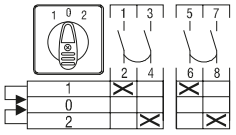
Packing sizes for 10 pcs:
OC10_U1...U3: 200 x 80 x 98 mm, OC10_U4: 200 x 80 x 122 mm
OC25_U1...U3: 265 x 106 x 112 mm, OC25_U4: 265 x 106 x 148 mm

# Ordering information
# Rotary cam switches

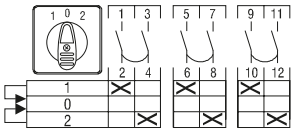
OC_URR1



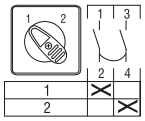
OC_URR2



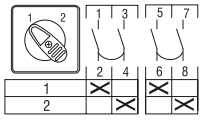
OC_URR3



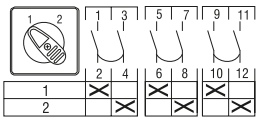
OC_WS1



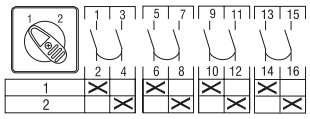
OC_WS2



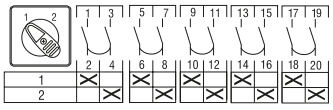
OC_WS3



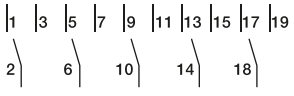
OC_WS4



OC_WS5



Connection diagram (OC_WS_)




## Change-over switches

The handle and front plate with position indication are included according to the table below. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece.

### With 0-position, with two sided spring return, step angle 30°

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| $1_R$ - 0 - $2_R$ | 1 / 2 | 10 | OC10G02PNBN00NURR1 | 1SCA126509R1001 | 10 | 0.036 |
| $1_R$ - 0 - $2_R$ | 3 / 6 | 10 | OC10G06PNBN00NURR3 | 1SCA126510R1001 | 10 | 0.054 |
| $1_R$ - 0 - $2_R$ | 1 / 2 | 25 | OC25G02PNBN00NURR1 | 1SCA126512R1001 | 10 | 0.086 |
| $1_R$ - 0 - $2_R$ | 2 / 4 | 25 | OC25G04PNBN00NURR2 | 1SCA126513R1001 | 10 | 0.108 |
| $1_R$ - 0 - $2_R$ | 3 / 6 | 25 | OC25G06PNBN00NURR3 | 1SCA126516R1001 | 10 | 0.130 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| $1_R$ - 0 - $2_R$ | 2 / 4 | 25 | OC25G04RNBN00NURR2 | 1SCA126515R1001 | 10 | 0.180 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| $1_R$ - 0 - $2_R$ | 2 / 4 | 25 | OC25G04PXBN00NURR2 | 1SCA126514R1001 | 10 | 0.103 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| $1_R$ - 0 - $2_R$ | 1 / 2 | 25 | OC25G02MNGN00NURR1 | 1SCA126511R1001 | 10 | 0.090 |

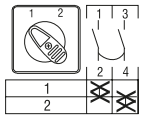
### Without 0-position, step angle 60°

| | | | | | | |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1 - 2 | 1 / 2 | 10 | OC10G02PNBN00NWS1 | 1SCA126517R1001 | 10 | 0.036 |
| 1 - 2 | 2 / 4 | 10 | OC10G04PNBN00NWS2 | 1SCA126518R1001 | 10 | 0.045 |
| 1 - 2 | 3 / 6 | 10 | OC10G06PNBN00NWS3 | 1SCA126519R1001 | 10 | 0.055 |
| 1 - 2 | 4 / 8 | 10 | OC10G08PNBN00NWS4 | 1SCA126520R1001 | 10 | 0.065 |
| 1 - 2 | 1 / 2 | 25 | OC25G02PNBN00NWS1 | 1SCA126522R1001 | 10 | 0.086 |
| 1 - 2 | 2 / 4 | 25 | OC25G04PNBN00NWS2 | 1SCA126526R1001 | 10 | 0.108 |
| 1 - 2 | 3 / 6 | 25 | OC25G06PNBN00NWS3 | 1SCA126530R1001 | 10 | 0.130 |
| 1 - 2 | 4 / 8 | 25 | OC25G08PNBN00NWS4 | 1SCA126533R1001 | 10 | 0.155 |
| 1 - 2 | 5 / 10 | 25 | OC25G10PNBN00NWS5 | 1SCA126536R1001 | 10 | 0.177 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1 - 2 | 1 / 2 | 25 | OC25G02RNBN00NWS1 | 1SCA126524R1001 | 10 | 0.158 |
| 1 - 2 | 2 / 4 | 25 | OC25G04RNBN00NWS2 | 1SCA126528R1001 | 10 | 0.180 |
| 1 - 2 | 3 / 6 | 25 | OC25G06RNBN00NWS3 | 1SCA126532R1001 | 10 | 0.202 |
| 1 - 2 | 4 / 8 | 25 | OC25G08RNBN00NWS4 | 1SCA126535R1001 | 10 | 0.227 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| 1 - 2 | 1 / 2 | 25 | OC25G02PXBN00NWS1 | 1SCA126523R1001 | 10 | 0.081 |
| 1 - 2 | 2 / 4 | 25 | OC25G04PXBN00NWS2 | 1SCA126527R1001 | 10 | 0.103 |
| 1 - 2 | 3 / 6 | 25 | OC25G06PXBN00NWS3 | 1SCA126531R1001 | 10 | 0.125 |
| 1 - 2 | 4 / 8 | 25 | OC25G08PXBN00NWS4 | 1SCA126534R1001 | 10 | 0.149 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| 1 - 2 | 1 / 2 | 25 | OC25G02MNGN00NWS1 | 1SCA126521R1001 | 10 | 0.090 |
| 1 - 2 | 2 / 4 | 25 | OC25G04MNGN00NWS2 | 1SCA126525R1001 | 10 | 0.101 |
| 1 - 2 | 3 / 6 | 25 | OC25G06MNGN00NWS3 | 1SCA126529R1001 | 10 | 0.113 |

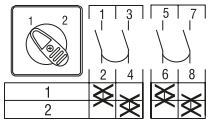
Packing sizes for 10 pcs:
OC10_URR_ & OC10_WS1...WS3: 200 x 80 x 98 mm, OC10_WS4...WS5: 200 x 80 x 122 mm
OC25_URR_ & OC25_WS1...WS3: 265 x 106 x 112 mm, OC25_WS4...WS5: 265 x 106 x 148 mm

# Ordering information
# Rotary cam switches

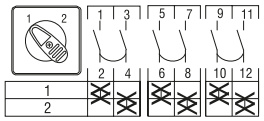
OC_WC1



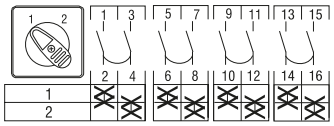
OC_WC2



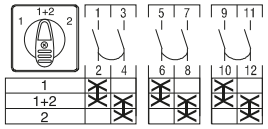
OC_WC3



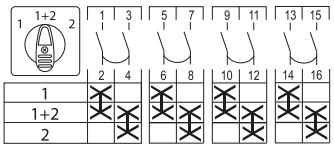
OC_WC4



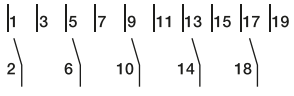
OC_UC3



OC_UC4



Connection diagram
(OC_WC_, OC_UC_)



## Change-over switches

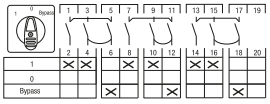
The handle and front plate with position indication are included according to the table below. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece.

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **With overlapping contacts, step angle 60°** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1 - 2 | 1 / 2 | 10 | OC10G02PNBN00NWC1 | 1SCA126537R1001 | 10 | 0.036 |
| 1 - 2 | 2 / 4 | 10 | OC10G04PNBN00NWC2 | 1SCA126538R1001 | 10 | 0.045 |
| 1 - 2 | 3 / 6 | 10 | OC10G06PNBN00NWC3 | 1SCA126539R1001 | 10 | 0.055 |
| 1 - 2 | 4 / 8 | 10 | OC10G08PNBN00NWC4 | 1SCA126540R1001 | 10 | 0.065 |
| 1 - 2 | 1 / 2 | 25 | OC25G02PNBN00NWC1 | 1SCA126541R1001 | 10 | 0.086 |
| 1 - 2 | 2 / 4 | 25 | OC25G04PNBN00NWC2 | 1SCA126542R1001 | 10 | 0.108 |
| 1 - 2 | 3 / 6 | 25 | OC25G06PNBN00NWC3 | 1SCA126543R1001 | 10 | 0.130 |
| 1 - 2 | 4 / 8 | 25 | OC25G08PNBN00NWC4 | 1SCA126544R1001 | 10 | 0.155 |
| **With common center position and with overlapping contacts, step angle 60°** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1 - (1 + 2) - 2 | 3 / 6 | 25 | OC25G06PNBN00NUC3 | 1SCA126545R1001 | 10 | 0.130 |
| 1 - (1 + 2) - 2 | 4 / 8 | 25 | OC25G08PNBN00NUC4 | 1SCA126546R1001 | 10 | 0.155 |

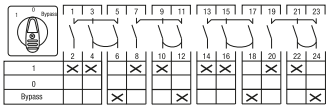
Packing sizes for 10 pcs:
OC10_WC1...WC3: 200 x 80 x 98 mm, OC10_WC4: 200 x 80 x 122 mm
OC25_WC1...WC3 & OC25_UC3: 265 x 106 x 112 mm, OC25_WC4 & OC25_UC4: 265 x 106 x 148 mm

# Ordering information
# Rotary cam switches

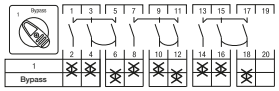
OC_WS36



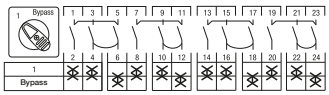
OC_WS48



OC_PW36



OC_PW48

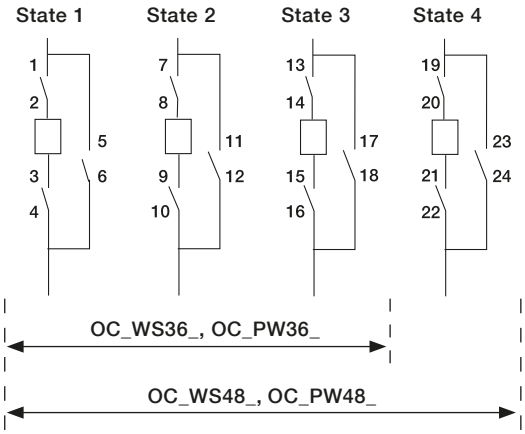


## Bypass switches

The handle and front plate with position indication are included according to the table below. The type and the order number are for one piece.

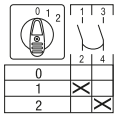
| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **With 0-position, step angle 60°, without overlapping, 3 and 4- pole network** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1 - 0 - Bypass | 3;6 / 9 | 25 | OC25G09PNBN00NWS36 | 1SCA126547R1001 | 10 | 0.172 |
| 1 - 0 - Bypass | 4;8 / 12 | 25 | OC25G12PNBN00NWS48 | 1SCA126548R1001 | 10 | 0.200 |
| **Without 0-position, step angle 60°, with overlapping, 3 and 4- pole network** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1 - Bypass | 3;6 / 9 | 25 | OC25G09PNBN00NPW36 | 1SCA126549R1001 | 10 | 0.172 |
| 1 - Bypass | 4;8 / 12 | 25 | OC25G12PNBN00NPW48 | 1SCA126550R1001 | 10 | 0.200 |

Packing sizes for 10 pcs: OC25_: 265 x 106 x 148 mm

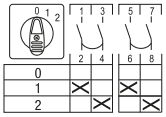


# Ordering information
# Rotary cam switches

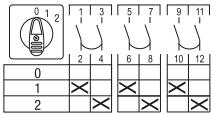
OC_SO21



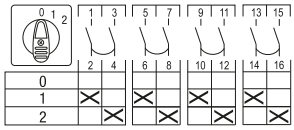
OC_SO22



OC_SO23



OC_SO24



## Multistep switches

The handle and front plate with position indication are included according to the table below. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece. Step angle 30°

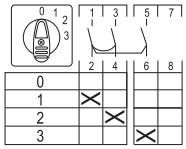
### 2- step, with 0-position

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0 - 1 - 2 | 1 / 2 | 10 | OC10G02PNBN00NSO21 | 1SCA126551R1001 | 10 | 0.036 |
| 0 - 1 - 2 | 2 / 4 | 10 | OC10G04PNBN00NSO22 | 1SCA126552R1001 | 10 | 0.045 |
| 0 - 1 - 2 | 3 / 6 | 10 | OC10G06PNBN00NSO23 | 1SCA126553R1001 | 10 | 0.055 |
| 0 - 1 - 2 | 4 / 8 | 10 | OC10G08PNBN00NSO24 | 1SCA126554R1001 | 10 | 0.065 |
| 0 - 1 - 2 | 1 / 2 | 25 | OC25G02PNBN00NSO21 | 1SCA126556R1001 | 10 | 0.087 |
| 0 - 1 - 2 | 2 / 4 | 25 | OC25G04PNBN00NSO22 | 1SCA126559R1001 | 10 | 0.109 |
| 0 - 1 - 2 | 3 / 6 | 25 | OC25G06PNBN00NSO23 | 1SCA126562R1001 | 10 | 0.131 |
| 0 - 1 - 2 | 4 / 8 | 25 | OC25G08PNBN00NSO24 | 1SCA126563R1001 | 10 | 0.155 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0 - 1 - 2 | 1 / 2 | 25 | OC25G02RNBN00NSO21 | 1SCA126558R1001 | 10 | 0.158 |
| 0 - 1 - 2 | 2 / 4 | 25 | OC25G04RNBN00NSO22 | 1SCA126561R1001 | 10 | 0.180 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| 0 - 1 - 2 | 1 / 2 | 25 | OC25G02PXBN00NSO21 | 1SCA126557R1001 | 10 | 0.081 |
| 0 - 1 - 2 | 2 / 4 | 25 | OC25G04PXBN00NSO22 | 1SCA126560R1001 | 10 | 0.103 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| 0 - 1 - 2 | 1 / 2 | 25 | OC25G02MNGN00NSO21 | 1SCA126555R1001 | 10 | 0.090 |

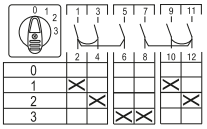
Packing sizes for 10 pcs:
OC10_SO21...SO23: 200 x 80 x 98 mm, OC10_SO24: 200 x 80 x 122 mm
OC25_SO21...SO23: 265 x 106 x 112 mm, OC25_SO24: 265 x 106 x 148 mm

# Ordering information
# Rotary cam switches

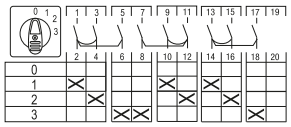
OC_SO31



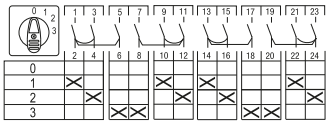
OC_SO32



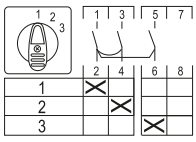
OC_SO33



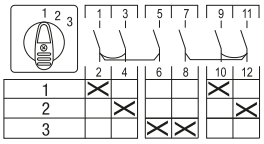
OC_SO34



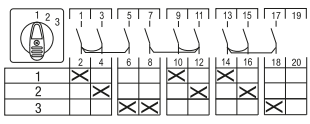
OC_ST31



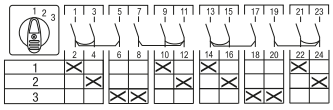
OC_ST32



OC_ST33



OC_ST34



## Multistep switches

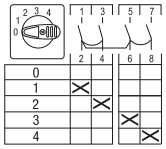
The handle and front plate with position indication are included according to the table below. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece. Step angle 30°

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **3- step, with 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0 - 1 - 2 - 3 | 1 / 3 | 10 | OC10G03PNBN00NSO31 | 1SCA126564R1001 | 10 | 0.043 |
| 0 - 1 - 2 - 3 | 2 / 6 | 10 | OC10G06PNBN00NSO32 | 1SCA126565R1001 | 10 | 0.055 |
| 0 - 1 - 2 - 3 | 3 / 9 | 10 | OC10G09PNBN00NSO33 | 1SCA126566R1001 | 10 | 0.073 |
| 0 - 1 - 2 - 3 | 4 / 12 | 10 | OC10G12PNBN00NSO34 | 1SCA126567R1001 | 10 | 0.084 |
| 0 - 1 - 2 - 3 | 1 / 3 | 25 | OC25G03PNBN00NSO31 | 1SCA126569R1001 | 10 | 0.103 |
| 0 - 1 - 2 - 3 | 2 / 6 | 25 | OC25G06PNBN00NSO32 | 1SCA126572R1001 | 10 | 0.131 |
| 0 - 1 - 2 - 3 | 3 / 9 | 25 | OC25G09PNBN00NSO33 | 1SCA126573R1001 | 10 | 0.172 |
| 0 - 1 - 2 - 3 | 4 / 12 | 25 | OC25G12PNBN00NSO34 | 1SCA126574R1001 | 10 | 0.200 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0 - 1 - 2 - 3 | 1 / 3 | 25 | OC25G03RNBN00NSO31 | 1SCA126571R1001 | 10 | 0.175 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| 0 - 1 - 2 - 3 | 1 / 3 | 25 | OC25G03PXBN00NSO31 | 1SCA126570R1001 | 10 | 0.098 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| 0 - 1 - 2 - 3 | 1 / 3 | 25 | OC25G03MNGN00NSO31 | 1SCA126568R1001 | 10 | 0.096 |
| **3- step, without 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1 - 2 - 3 | 1 / 3 | 10 | OC10G03PNBN00NST31 | 1SCA126575R1001 | 10 | 0.043 |
| 1 - 2 - 3 | 2 / 6 | 10 | OC10G06PNBN00NST32 | 1SCA126576R1001 | 10 | 0.055 |
| 1 - 2 - 3 | 3 / 9 | 10 | OC10G09PNBN00NST33 | 1SCA126577R1001 | 10 | 0.073 |
| 1 - 2 - 3 | 4 / 12 | 10 | OC10G12PNBN00NST34 | 1SCA126578R1001 | 10 | 0.084 |
| 1 - 2 - 3 | 1 / 3 | 25 | OC25G03PNBN00NST31 | 1SCA126580R1001 | 10 | 0.103 |
| 1 - 2 - 3 | 2 / 6 | 25 | OC25G06PNBN00NST32 | 1SCA126583R1001 | 10 | 0.131 |
| 1 - 2 - 3 | 3 / 9 | 25 | OC25G09PNBN00NST33 | 1SCA126584R1001 | 10 | 0.172 |
| 1 - 2 - 3 | 4 / 12 | 25 | OC25G12PNBN00NST34 | 1SCA126585R1001 | 10 | 0.200 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1 - 2 - 3 | 1 / 3 | 25 | OC25G03RNBN00NST31 | 1SCA126582R1001 | 10 | 0.175 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| 1 - 2 - 3 | 1 / 3 | 25 | OC25G03PXBN00NST31 | 1SCA126581R1001 | 10 | 0.098 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| 1 - 2 - 3 | 1 / 3 | 25 | OC25G03MNGN00NST31 | 1SCA126579R1001 | 10 | 0.096 |

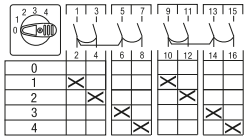
Packing sizes for 10 pcs:
OC10_S_31...S_32: 200 x 80 x 98 mm, OC10_S_33: 200 x 80 x 122 mm, OC10_S_34: 40 x 40 x 158 mm, 1 pcs/box
OC25_S_31...S_32: 265 x 106 x 112 mm, OC25_S_33...S_34: 265 x 106 x 148 mm

# Ordering information
# Rotary cam switches

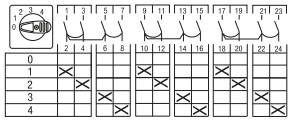
OC_SO41



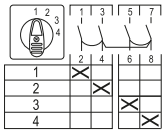
OC_SO42



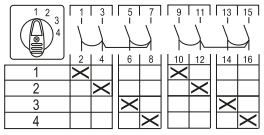
OC_SO43



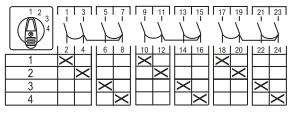
OC_ST41



OC_ST42



OC_ST43



## Multistep switches

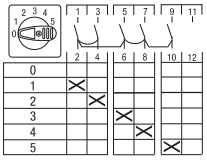
The handle and front plate with position indication are included according to the table below. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece. Step angle 30°

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **4- step, with 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0-1-2-3-4 | 1 / 4 | 10 | OC10G04PNBN00NSO41 | 1SCA126586R1001 | 10 | 0.045 |
| 0-1-2-3-4 | 2 / 8 | 10 | OC10G08PNBN00NSO42 | 1SCA126587R1001 | 10 | 0.065 |
| 0-1-2-3-4 | 3 / 12 | 10 | OC10G12PNBN00NSO43 | 1SCA126588R1001 | 10 | 0.084 |
| 0-1-2-3-4 | 1 / 4 | 25 | OC25G04PNBN00NSO41 | 1SCA126589R1001 | 10 | 0.109 |
| 0-1-2-3-4 | 2 / 8 | 25 | OC25G08PNBN00NSO42 | 1SCA126590R1001 | 10 | 0.155 |
| 0-1-2-3-4 | 3 / 12 | 25 | OC25G12PNBN00NSO43 | 1SCA126591R1001 | 10 | 0.201 |
| **4- step, without 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1-2-3-4 | 1 / 4 | 10 | OC10G04PNBN00NST41 | 1SCA126592R1001 | 10 | 0.045 |
| 1-2-3-4 | 2 / 8 | 10 | OC10G08PNBN00NST42 | 1SCA126593R1001 | 10 | 0.065 |
| 1-2-3-4 | 3 / 12 | 10 | OC10G12PNBN00NST43 | 1SCA126594R1001 | 10 | 0.084 |
| 1-2-3-4 | 1 / 4 | 25 | OC25G04PNBN00NST41 | 1SCA126595R1001 | 10 | 0.109 |
| 1-2-3-4 | 2 / 8 | 25 | OC25G08PNBN00NST42 | 1SCA126598R1001 | 10 | 0.155 |
| 1-2-3-4 | 3 / 12 | 25 | OC25G12PNBN00NST43 | 1SCA126599R1001 | 10 | 0.201 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1-2-3-4 | 1 / 4 | 25 | OC25G04RNBN00NST41 | 1SCA126597R1001 | 10 | 0.180 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| 1-2-3-4 | 1 / 4 | 25 | OC25G04PXBN00NST41 | 1SCA126596R1001 | 10 | 0.103 |

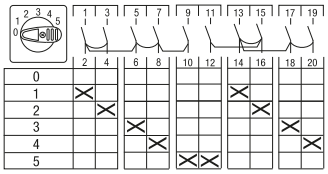
Packing sizes for 10 pcs:
OC10_S_41: 200 x 80 x 98 mm, OC10_S_42: 200 x 80 x 122 mm, OC10_S_43: 40 x 40 x 158 mm, 1 pcs/box
OC25_S_41: 265 x 106 x 112 mm, OC25_S_42...S_43: 265 x 106 x 148 mm

# Ordering information
# Rotary cam switches

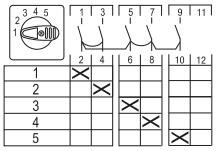
OC_SO51



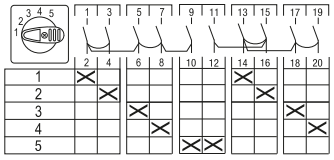
OC_SO52



OC_ST51



OC_ST52



## Multistep switches

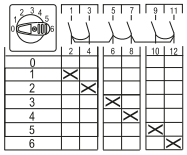
The handle and front plate with position indication are included according to the table below. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece. Step angle 30°

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **5- step, with 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0-1-2-3-4-5 | 1 / 5 | 10 | OC10G05PNBN00NSO51 | 1SCA126600R1001 | 10 | 0.053 |
| 0-1-2-3-4-5 | 2 / 10 | 10 | OC10G10PNBN00NSO52 | 1SCA126601R1001 | 10 | 0.075 |
| 0-1-2-3-4-5 | 1 / 5 | 25 | OC25G05PNBN00NSO51 | 1SCA126602R1001 | 10 | 0.126 |
| 0-1-2-3-4-5 | 2 / 10 | 25 | OC25G10PNBN00NSO52 | 1SCA126603R1001 | 10 | 0.178 |
| **5- step, without 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1-2-3-4-5 | 1 / 5 | 10 | OC10G05PNBN00NST51 | 1SCA126604R1001 | 10 | 0.053 |
| 1-2-3-4-5 | 2 / 10 | 10 | OC10G10PNBN00NST52 | 1SCA126605R1001 | 10 | 0.075 |
| 1-2-3-4-5 | 1 / 5 | 25 | OC25G05PNBN00NST51 | 1SCA126606R1001 | 10 | 0.126 |
| 1-2-3-4-5 | 2 / 10 | 25 | OC25G10PNBN00NST52 | 1SCA126607R1001 | 10 | 0.178 |

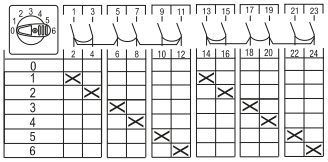
Packing sizes for 10 pcs:
OC10_S_51: 200 x 80 x 98 mm, OC10_S_52: 200 x 80 x 122 mm
OC25_S_51: 265 x 106 x 112 mm, OC25_S_52: 265 x 106 x 148 mm

# Ordering information
# Rotary cam switches

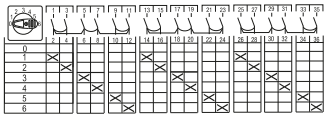
OC_SO61



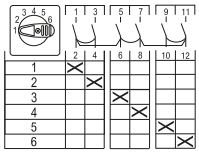
OC_SO62



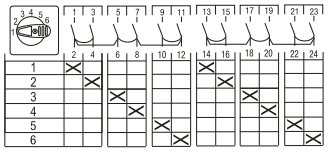
OC_SO63



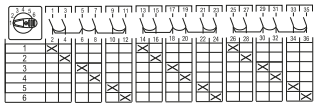
OC_ST61



OC_ST62



OC_ST63



## Multistep switches

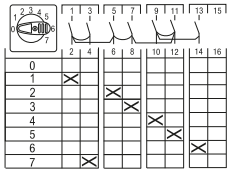
The handle and front plate with position indication are included according to the table below. The type and the order number are for one piece. Step angle 30°

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **6-step, with 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0-1-2-3-4-5-6 | 1 / 6 | 25 | OC25G06PNBN00NSO61 | 1SCA126608R1001 | 10 | 0.132 |
| | 2 / 12 | 25 | OC25G12PNBN00NSO62 | 1SCA126609R1001 | 10 | 0.202 |
| | 3 / 18 | 25 | OC25G18PNBN00NSO63 | 1SCA126610R1001 | 10 | 0.270 |
| **6-step, without 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1-2-3-4-5-6 | 1 / 6 | 25 | OC25G06PNBN00NST61 | 1SCA126611R1001 | 10 | 0.131 |
| | 2 / 12 | 25 | OC25G12PNBN00NST62 | 1SCA126612R1001 | 10 | 0.201 |
| | 3 / 18 | 25 | OC25G18PNBN00NST63 | 1SCA126613R1001 | 10 | 0.269 |

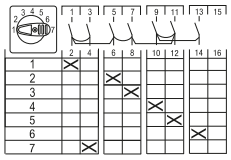
Packing sizes for 10 pcs:
OC25_S_61: 265 x 106 x 112 mm, OC25_S_62: 265 x 106 x 148 mm, OC25_S_63: 60 x 60 x 220 mm, 1 pcs/box

# Ordering information
# Rotary cam switches

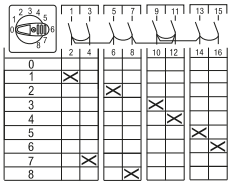
OC_SO71



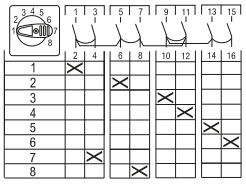
OC_ST71



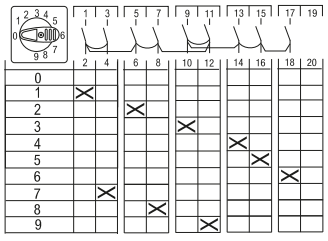
OC_SO81



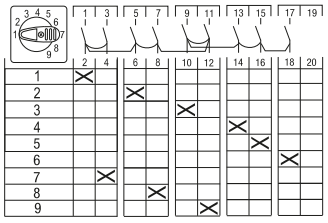
OC_ST81



OC_SO91



OC_ST91



## Multistep switches

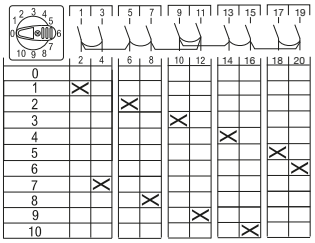
The handle and front plate with position indication are included according to the table below. The type and the order number are for one piece. Step angle 30°

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **7-step, with 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0-1-2-3-4-5-6-7 | 1 / 7 | 25 | OC25G07PNBN00NSO71 | 1SCA126614R1001 | 10 | 0.151 |
| **7-step, without 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1-2-3-4-5-6-7 | 1 / 7 | 25 | OC25G07PNBN00NST71 | 1SCA126615R1001 | 10 | 0.151 |
| **8-step, with 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0-1-2-3-4-5-6-7-8 | 1 / 8 | 25 | OC25G08PNBN00NSO81 | 1SCA126616R1001 | 10 | 0.156 |
| **8-step, without 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1-2-3-4-5-6-7-8 | 1 / 8 | 25 | OC25G08PNBN00NST81 | 1SCA126617R1001 | 10 | 0.156 |
| **9-step, with 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0-1-2-3-4-5-6-7-8-9 | 1 / 9 | 25 | OC25G09PNBN00NSO91 | 1SCA126618R1001 | 5 | 0.173 |
| **9-step, without 0-position** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1-2-3-4-5-6-7-8-9 | 1 / 9 | 25 | OC25G09PNBN00NST91 | 1SCA126619R1001 | 5 | 0.173 |

Packing sizes for 10 pcs: OC25_: 265 x 106 x 148 mm

# Ordering information
# Rotary cam switches

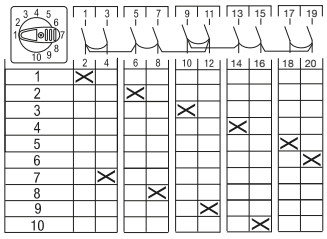
OC_SO10



## Multistep switches

The handle and front plate with position indication are included according to the table below. The type and the order number are for one piece. Step angle 30°

OC_ST10



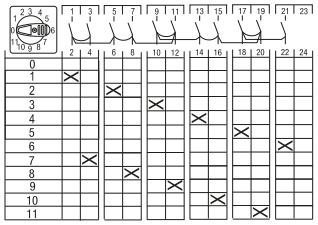
### 10-step, with 0-position

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0-1-2-3-4-5-6-7-8-9-10 | 1 / 10 | 25 | OC25G10PNBN00NSO10 | 1SCA126620R1001 | 5 | 0.179 |

### 10-step, without 0-position

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1-2-3-4-5-6-7-8-9-10 | 1 / 10 | 25 | OC25G10PNBN00NST10 | 1SCA126621R1001 | 5 | 0.179 |

OC_SO11



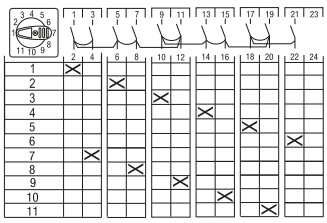
### 11-step, with 0-position, stop at last position

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0-1-2-3-4-5-6-7-8-9-10-11 | 1 / 11 | 25 | OC25G11PNBN00NSO11 | 1SCA126622R1001 | 5 | 0.197 |

### 11-step, without 0-position

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1-2-3-4-5-6-7-8-9-10-11 | 1 / 11 | 25 | OC25G11PNBN00NST11 | 1SCA126623R1001 | 5 | 0.197 |

OC_ST11

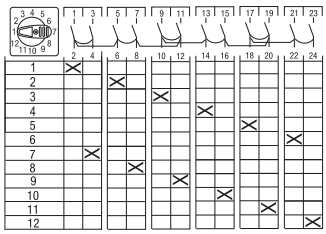


### 12-step, without 0-position, stop at last position

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 1-2-3-4-5-6-7-8-9-10-11-12 | 1 / 12 | 25 | OC25G12PNBN00NST12 | 1SCA126624R1001 | 5 | 0.202 |

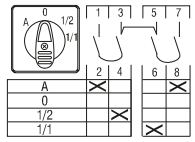
Packing sizes for 10 pcs: OC25_: 265 x 106 x 148 mm

OC_ST12

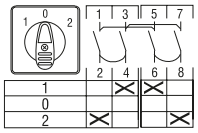


# Ordering information
# Rotary cam switches

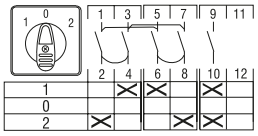
OC_ST30



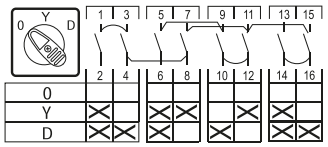
OC_W2



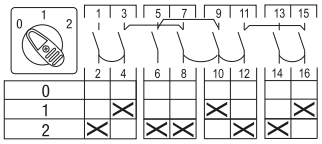
OC_W3



OC_SD



OC_P12



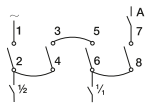
## Motor control switches

The handle and front plate with position indication are included according to the table below. The type and the order number are for one piece.

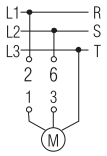
| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Motor rating AC23/ 400V [kW] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|---|
| **Ventilation switches** | | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | | |
| A-0-1/2-1/1 | 2 / 4 | 10 | 3 | OC10G04PNBN00NST30 | 1SCA126625R1001 | 10 | 0.045 |
| A-0-1/2-1/1 | 2 / 4 | 25 | 7.5 | OC25G04PNBN00NST30 | 1SCA126627R1001 | 10 | 0.109 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | | |
| A-0-1/2-1/1 | 2 / 4 | 25 | 7.5 | OC25G04MNGN00NST30 | 1SCA126626R1001 | 10 | 0.102 |
| **Reversing switches** | | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | | |
| 1-0-2 | 2 / 4 | 25 | 7.5 | OC25G04PNBN00NW2 | 1SCA126628R1001 | 10 | 0.109 |
| 1-0-2 | 3 / 5 | 25 | 7.5 | OC25G05PNBN00NW3 | 1SCA126629R1001 | 10 | 0.126 |
| **Star-delta switches** | | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | | |
| 0-Y-Δ | 3 / 8 | 25 | 7.5 | OC25G08PNBN00NSD | 1SCA126630R1001 | 10 | 0.156 |
| **Pole-change switches (Dahlander)** | | | | | | | |
| Winding for 2 speeds, one direction, 0-A-AYY | | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | | |
| 0-1-2 | 3 / 8 | 25 | 7.5 | OC25G08PNBN00NP12 | 1SCA126631R1001 | 10 | 0.156 |

Packing sizes for 10 pcs:
OC10_: 200 x 80 x 98 mm
OC25_ST30 & OC25_W_: 265 x 106 x 112 mm, OC25_SD & OC25_P12: 265 x 106 x 148 mm

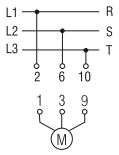
OC_ST30



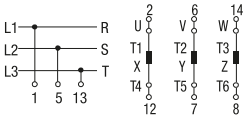
OC_W2



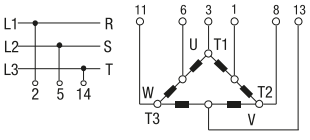
OC_W3



OC_SD

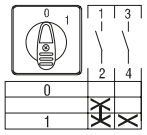


OC_P12

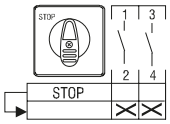


# Ordering information
# Rotary cam switches

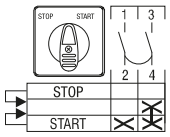
OC_SE15



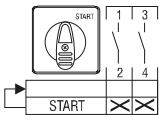

OC_SA2



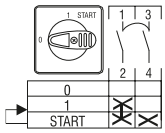

OC_SEA1



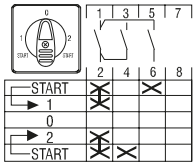

OC_SE2




OC_SEA0




OC_UR13




## Motor control switches

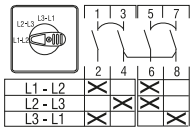
The handle and front plate with position indication are included according to the table below. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece.

| Function | Number of poles/ contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Pumpstart switches** | | | | | | |
| Step angle 60°. | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0-1 | 1 / 2 | 10 | OC10G02PNBN00NSE15 | 1SCA126632R1001 | 10 | 0.036 |
| 0-1 | 1 / 2 | 25 | OC25G02PNBN00NSE15 | 1SCA126634R1001 | 10 | 0.086 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| 0-1 | 1 / 2 | 25 | OC25G02MNGN00NSE15 | 1SCA126633R1001 | 10 | 0.089 |
| **Stop switches** | | | | | | |
| Step angle 30°, with spring return, contacts N.C. | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| $0_R$- Stop | 2 / 2 | 10 | OC10G02PNBN00NSA2 | 1SCA126635R1001 | 10 | 0.036 |
| $0_R$- Stop | 2 / 2 | 25 | OC25G02PNBN00NSA2 | 1SCA126636R1001 | 10 | 0.086 |
| **Start switches** | | | | | | |
| With spring return. | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| Step angle 30° | | | | | | |
| Stop-Start | 1 / 2 | 25 | OC25G02PNBN00NSEA1 | 1SCA126637R1001 | 10 | 0.086 |
| $0_R$-Start | 1 / 2 | 10 | OC10G02PNBN00NSE2 | 1SCA126643R1001 | 10 | 0.036 |
| $0_R$-Start | 1 / 2 | 25 | OC25G02PNBN00NSE2 | 1SCA126644R1001 | 10 | 0.086 |
| Step angle 90°- 30° | | | | | | |
| 0-$1_R$-Start | 1 / 2 | 10 | OC10G02PNBN00NSEA0 | 1SCA126638R1001 | 10 | 0.036 |
| 0-$1_R$-Start | 1 / 2 | 25 | OC25G02PNBN00NSEA0 | 1SCA126640R1001 | 10 | 0.086 |
| Start-$1_R$-0-$2_R$-Start | 1 / 3 | 25 | OC25G03PNBN00NUR13 | 1SCA126646R1001 | 10 | 0.103 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| Step angle 90°- 30° | | | | | | |
| 0-$1_R$-Start | 1 / 2 | 25 | OC25G02RNBN00NSEA0 | 1SCA126642R1001 | 10 | 0.158 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| Step angle 90°- 30° | | | | | | |
| 0-$1_R$-Start | 1 / 2 | 25 | OC25G02PXBN00NSEA0 | 1SCA126641R1001 | 10 | 0.081 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| Step angle 90°- 30° | | | | | | |
| 0-$1_R$-Start | 1 / 2 | 25 | OC25G02MNGN00NSEA0 | 1SCA126639R1001 | 10 | 0.090 |
| Start-$1_R$-0-$2_R$-Start | 1 / 3 | 25 | OC25G03MNGN00NUR13 | 1SCA126645R1001 | 10 | 0.097 |

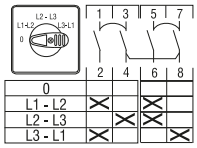
Packing sizes for 10 pcs: OC10_: 200 x 80 x 98 mm, OC25_: 265 x 106 x 112 mm

# Ordering information
# Rotary cam switches

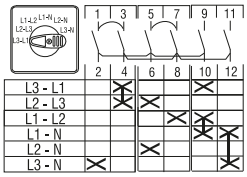
OC_VN3




OC_V3




OC_VN30




## Voltmeter switches

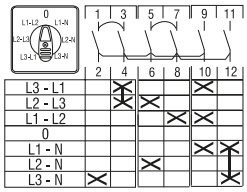
The handle and front plate with position indication are included according to the table below. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece.

| Function | Number of contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **3 Positions, 3 phase -3 wire, without 0-position, step angle 45°** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| L1-L2, L2-L3, L3-L1 | 4 | 10 | OC10G04PNBN00NVN3 | 1SCA126647R1001 | 10 | 0.045 |
| L1-L2, L2-L3, L3-L1 | 4 | 25 | OC25G04PNBN00NVN3 | 1SCA126649R1001 | 10 | 0.109 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| L1-L2, L2-L3, L3-L1 | 4 | 25 | OC25G04MNGN00NVN3 | 1SCA126648R1001 | 10 | 0.102 |
| **4 Positions, 3 phase -3 wire, with 0-position, step angle 45°** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0, L1-L2, L2-L3, L3-L1 | 4 | 10 | OC10G04PNBN00NV3 | 1SCA126650R1001 | 10 | 0.045 |
| 0, L1-L2, L2-L3, L3-L1 | 4 | 25 | OC25G04PNBN00NV3 | 1SCA126652R1001 | 10 | 0.109 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0, L1-L2, L2-L3, L3-L1 | 4 | 25 | OC25G04RNBN00NV3 | 1SCA126654R1001 | 10 | 0.180 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| 0, L1-L2, L2-L3, L3-L1 | 4 | 25 | OC25G04PXBN00NV3 | 1SCA126653R1001 | 10 | 0.103 |
| **DIN-rail mounted** | | | | | | |
| 0, L1-L2, L2-L3, L3-L1 | 4 | 25 | OC25G04MNGN00NV3 | 1SCA126651R1001 | 10 | 0.102 |
| **6 Positions, 3 phase to phase 3 phase to neutral, without 0-position, step angle 30°** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| L3-L1, L2-L3, L1-L2, L1-N, L2-N, L3-N | 6 | 10 | OC10G06PNBN00NVN30 | 1SCA126655R1001 | 10 | 0.055 |
| L3-L1, L2-L3, L1-L2, L1-N, L2-N, L3-N | 6 | 25 | OC25G06PNBN00NVN30 | 1SCA126657R1001 | 10 | 0.132 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| L3-L1, L2-L3, L1-L2, L1-N, L2-N, L3-N | 6 | 25 | OC25G06MNGN00NVN30 | 1SCA126656R1001 | 10 | 0.114 |

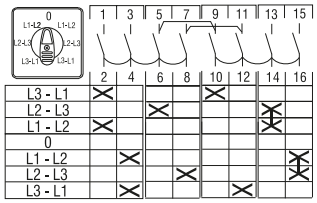
Packing sizes for 10 pcs: OC10_: 200 x 80 x 98 mm, OC25_: 265 x 106 x 112 mm

# Ordering information
# Rotary cam switches

OC_V30




OC_V32



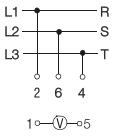

## Voltmeter switches

The handle and front plate with position indication are included according to the table below. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece.

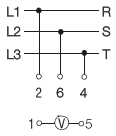
| Function | Number of contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **7 Positions, 3 phase to phase 3 phase to neutral, with 0-position, step angle 45°** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| L3-L1, L2-L3, L1-L2, 0, L1-N, L2-N, L3-N | 6 | 10 | OC10G06PNBN00NV30 | 1SCA126658R1001 | 10 | 0.055 |
| L3-L1, L2-L3, L1-L2, 0, L1-N, L2-N, L3-N | 6 | 25 | OC25G06PNBN00NV30 | 1SCA126660R1001 | 10 | 0.132 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| L3-L1, L2-L3, L1-L2, 0, L1-N, L2-N, L3-N | 6 | 25 | OC25G06RNBN00NV30 | 1SCA126662R1001 | 10 | 0.204 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| L3-L1, L2-L3, L1-L2, 0, L1-N, L2-N, L3-N | 6 | 25 | OC25G06PXBN00NV30 | 1SCA126661R1001 | 10 | 0.126 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| L3-L1, L2-L3, L1-L2, 0, L1-N, L2-N, L3-N | 6 | 25 | OC25G06MNGN00NV30 | 1SCA126659R1001 | 10 | 0.115 |
| **7 Positions, 3 phase to phase voltages for 2 circuits, with 0 postition, step angle 45°** | | | | | | |
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| L3-L1, L2-L3, L1-L2, 0, L1-L2, L2-L3, L3-L1 | 8 | 10 | OC10G08PNBN00NV32 | 1SCA126663R1001 | 10 | 0.066 |
| L3-L1, L2-L3, L1-L2, 0, L1-L2, L2-L3, L3-L1 | 8 | 25 | OC25G08PNBN00NV32 | 1SCA126664R1001 | 10 | 0.157 |

Packing sizes for 10 pcs:
OC10_V30: 200 x 80 x 98 mm, OC10_V32: 200 x 80 x 122 mm
OC25_V30: 265 x 106 x 112 mm, OC25_V32: 265 x 106 x 148 mm

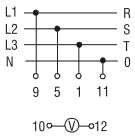
OC_VN3



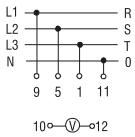

OC_V3



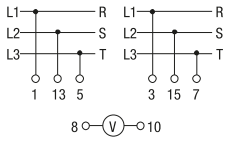

OC_VN30




OC_V30

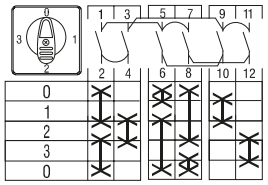



OC_V32

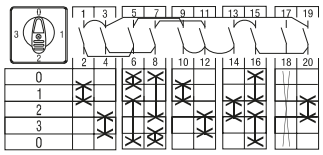


# Ordering information
# Rotary cam switches

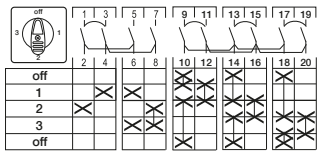
OC_AU31



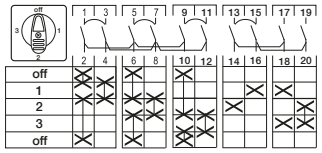
OC_AU32



OC_VA21



OC_AV12



## Ammeter switches

The handle and front plate with position indication are included according to the table below. The round front ring: to be used in situations when position indications are on the door of the enclosure. The type and the order number are for one piece. No stop at last position.

### For 3 current transformer circuits, with 0-position, step angle 90°

| Function | Number of contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| Single pole | | | | | | |
| 0-1-2-3 | 6 | 10 | OC10G06PNBN00NAU31 | 1SCA126665R1001 | 10 | 0.055 |
| 0-1-2-3 | 6 | 25 | OC25G06PNBN00NAU31 | 1SCA126667R1001 | 10 | 0.132 |
| 2 pole or direct measurement in 3 phases | | | | | | |
| 0-1-2-3 | 10 | 25 | OC25G10PNBN00NAU32 | 1SCA126670R1001 | 10 | 0.179 |
| **Door mounted, screw mounted black nose handle, black front frame and silver front plate** | | | | | | |
| Single pole | | | | | | |
| 0-1-2-3 | 6 | 25 | OC25G06RNBN00NAU31 | 1SCA126669R1001 | 10 | 0.204 |
| **Door mounted, snap-on mounted black nose handle with round black front ring, no engraving** | | | | | | |
| Single pole | | | | | | |
| 0-1-2-3 | 6 | 25 | OC25G06PXBN00NAU31 | 1SCA126668R1001 | 10 | 0.126 |
| **Modular DIN-rail base mounted, grey handle** | | | | | | |
| Single pole | | | | | | |
| 0-1-2-3 | 6 | 25 | OC25G06MNGN00NAU31 | 1SCA126666R1001 | 10 | 0.115 |

## Volt-ammeter switches

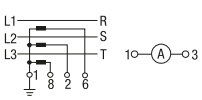
### Measuring between phases and 3 current transformers with common pole, step angle 90°

Black handle and frontplate with position indication are included. The type and the order number are for one piece. No stop at last position.

| Function | Number of contacts | Rated thermal current Ith [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| OFF-1-2-3 | 10 | 25 | OC25G10PNBN00NVA21 | 1SCA126671R1001 | 10 | 0.179 |
| OFF-1-2-3 | 10 | 25 | OC25G10PNBN00NAV12 | 1SCA126672R1001 | 10 | 0.179 |

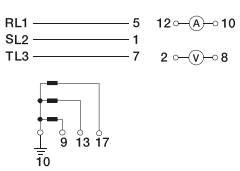
Packing sizes for 10 pcs:
OC10_: 200 x 80 x 98 mm
OC25_AU31: 265 x 106 x 112 mm, OC25_AU32, OC25_VA21, OC25_AV12: 265 x 106 x 148 mm

OC_AU31

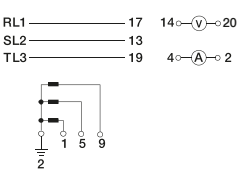



O_AU32

OC_VA

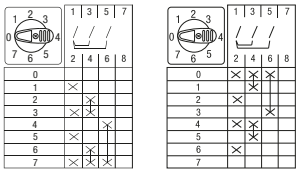



OC_AV

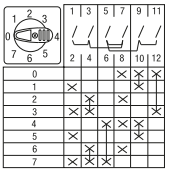


# Ordering information
# Rotary cam switches

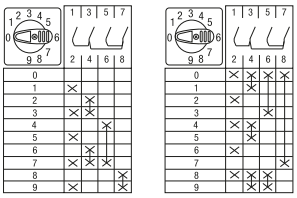
OC_B070 OC_B071



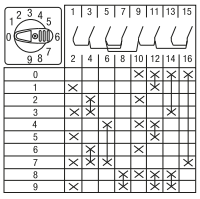
OC_B072



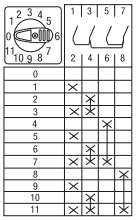
OC_B090 OC_B091



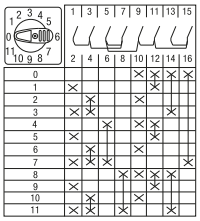
OC_B092



OC_B110



OC_B112



## Binarycode switches

The handle and front plate with position indication are included according to the table below. The type and the order number are for one piece.

### With 0-position, step angle 30° / 45°

| Function | Number of contacts | Rated thermal current $I_{th}$ [A] | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| **Door mounted, snap-on mounted black nose handle, black front frame and silver front plate** | | | | | | |
| 0-1-2-3-4-5-6-7* | 3 | 25 | OC25G03PNBN00NB070 | 1SCA126673R1001 | 10 | 0.104 |
| 0-1-2-3-4-5-6-7* | 3 | 25 | OC25G03PNBN00NB071 | 1SCA126674R1001 | 10 | 0.104 |
| 0-1-2-3-4-5-6-7* | 6 | 25 | OC25G06PNBN00NB072 | 1SCA126678R1001 | 10 | 0.132 |
| 0-1-2-3-4-5-6-7-8-9 | 4 | 25 | OC25G04PNBN00NB090 | 1SCA126675R1001 | 10 | 0.109 |
| 0-1-2-3-4-5-6-7-8-9 | 4 | 25 | OC25G04PNBN00NB091 | 1SCA126676R1001 | 10 | 0.109 |
| 0-1-2-3-4-5-6-7-8-9 | 8 | 25 | OC25G08PNBN00NB092 | 1SCA126679R1001 | 10 | 0.156 |
| 0-1-2-3-4-5-6-7-8-9-10-11* | 4 | 25 | OC25G04PNBN00NB110 | 1SCA126677R1001 | 10 | 0.109 |
| 0-1-2-3-4-5-6-7-8-9-10-11* | 8 | 25 | OC25G08PNBN00NB112 | 1SCA126680R1001 | 10 | 0.156 |

Packing sizes for 10 pcs:
OC25_B07_, OC25_B090, OC25_B091, B110: 265 x 106 x 112 mm
OC25_B092, OC25_B112: 265 x 106 x 148 mm
* No stop at last position.

# Ordering information
# Accessories

OC10GPNB* OC10GPNG*

OC25GPNB* OC25GPNG*

OC25GPMB* OC25GPMG*

OC25GPEB* OC25GPEG*

OC25GPFB* OC25GPFG*

OCGADR

## Snap-on mounted handles

Handle delivery includes the frame for front plate. The front plate has to be ordered separately. Front plates are available specially engraved via CamWeb2 or without engraving, see page 32. The type and the order number are for one piece.

| Colour | For cam switches | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|
| **Snap on mounted nose handle without front plate** | | | | | |
| The front frame is the same colour as handle. | | | | | |
| **Front frame size 32x32 mm** | | | | | |
| Black | OC10_ | OC10GPNB | 1SCA126687R1001 | 5 | 0.05 |
| Grey | OC10_ | OC10GPNG | 1SCA126684R1001 | 5 | 0.05 |
| **Front frame size 51x51 mm** | | | | | |
| Black | OC25_ | OC25GPNB | 1SCA126690R1001 | 5 | 0.08 |
| Grey | OC25_ | OC25GPNG | 1SCA126691R1001 | 5 | 0.08 |
| **Front frame size 66x66 mm** | | | | | |
| Black | OC25_ | OC25GPMB | 1SCA126692R1001 | 5 | 0.10 |
| Grey | OC25_ | OC25GPMG | 1SCA126693R1001 | 5 | 0.10 |
| **Snap on mounted extended handle without front plate** | | | | | |
| The front frame is the same colour as handle. | | | | | |
| **Front frame size 51x51 mm** | | | | | |
| Black | OC25_ | OC25GPEB | 1SCA126694R1001 | 5 | 0.08 |
| Grey | OC25_ | OC25GPEG | 1SCA126695R1001 | 5 | 0.08 |
| **Front frame size 66x66 mm** | | | | | |
| Black | OC25_ | OC25GPFB | 1SCA126696R1001 | 5 | 0.10 |
| Grey | OC25_ | OC25GPFG | 1SCA126697R1001 | 5 | 0.10 |
| **Adaptor ring for snap-on handles** | | | | | |
| For fixing the standard OC25 snap-on handles with 22,3 mm door drilling to 30 mm door drilling. | | | | | |
| Black | OC25_ | OCGADR | 1SCA126737R1001 | 10 | 0.01 |

Cam switches with padlockable handles can be configurated on Internet by the CamWeb2 configurator tool.
* Front plate shown in the photograph has to be ordered separately.

# Ordering information
# Accessories

OC10GPXB

OC10GPXG

OC25GPXB

OC25GPXG

OC25GMNG

## Snap-on mounted handles

The type and the order number are for one piece.

| Colour | For cam switches | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|
| **Snap on mounted nose handle with round front ring** | | | | | |
| The round front ring is the same colour as handle. | | | | | |
| **Front ring size Ø 30 mm** | | | | | |
| Black | OC10_ | OC10GPXB | 1SCA126685R1001 | 5 | 0.02 |
| Grey | OC10_ | OC10GPXG | 1SCA126686R1001 | 5 | 0.02 |
| **Front ring size Ø 39 mm** | | | | | |
| Black | OC25_ | OC25GPXB | 1SCA126698R1001 | 5 | 0.02 |
| Grey | OC25_ | OC25GPXG | 1SCA126699R1001 | 5 | 0.02 |
| **Modular switch handle with front cover, without printing** | | | | | |
| Front plate is available specially printed via CamWeb2 or without engraving. | | | | | |
| **Front cover size 45x53 mm** | | | | | |
| Grey | OC25_M_ | OC25GMNG | 1SCA126708R1001 | 5 | 0.05 |

# Ordering information
# Accessories

OC10GRNB* OC10GRNG*

OC25GRNB* OC25GRNG*

OC25GRMB* OC25GRMG*

OC25GREB* OC25GREG*

OC25GRFB* OC25GRFG*

## Screw mounted handles

Handle delivery includes the frame for front plate, the colour of the frame is same as handle. The front plate has to be ordered separately. Front plates are available specially engraved via CamWeb2 or without engraving, see page 32. The type and the order number are for one piece.

| Colour | For cam switches | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|
| **Screw mounted nose handle without front plate** | | | | | |
| The front frame is the same colour as handle. | | | | | |
| **Front frame size 32x32 mm** | | | | | |
| Black | OC10_ | OC10GRNB | 1SCA126688R1001 | 5 | 0.05 |
| Grey | OC10_ | OC10GRNG | 1SCA126689R1001 | 5 | 0.05 |
| **Front frame size 51x51 mm** | | | | | |
| Black | OC25_ | OC25GRNB | 1SCA126700R1001 | 10 | 0.10 |
| Grey | OC25_ | OC25GRNG | 1SCA126701R1001 | 10 | 0.10 |
| **Front frame size 66x66 mm** | | | | | |
| Black | OC25_ | OC25GRMB | 1SCA126702R1001 | 10 | 0.10 |
| Grey | OC25_ | OC25GRMG | 1SCA126703R1001 | 10 | 0.10 |
| **Screw mounted extended handle** | | | | | |
| **Front frame size 51x51 mm** | | | | | |
| Black | OC25_ | OC25GREB | 1SCA126704R1001 | 10 | 0.10 |
| Grey | OC25_ | OC25GREG | 1SCA126705R1001 | 10 | 0.10 |
| **Front frame size 66x66 mm** | | | | | |
| Black | OC25_ | OC25GRFB | 1SCA126706R1001 | 10 | 0.10 |
| Grey | OC25_ | OC25GRFG | 1SCA126707R1001 | 10 | 0.10 |

Cam switches with padlockable handles can be configurated on Internet by the CamWeb2 configurator tool.
* Front plate shown in the photograph has to be ordered separately.

# Ordering information
# Accessories

OC10GFP32S



OC25GFP51S OC25GFP51Y

OC25GFP66S OC25GFP66Y





OC10GLP32B OC10GLP32G

OC25GLP51B OC25GLP51G

OC25GLP66B OC25GLP66G

OC25GLPRPB OC25GLPRPG

## Front plates

The type and the order number are for one piece.

| Colour | For cam switches | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|
| **Front plates without frame, without engraving** | | | | | |
| **Size 32x32 mm** | | | | | |
| Silver | OC10_ | OC10GFP32S | 1SCA126709R1001 | 10 | 0.003 |
| **Size 51x51 mm** | | | | | |
| Silver | OC25_ | OC25GFP51S | 1SCA126710R1001 | 10 | 0.003 |
| Yellow | OC25_ | OC25GFP51Y | 1SCA126711R1001 | 10 | 0.003 |
| **Size 66x66 mm** | | | | | |
| Silver | OC25_ | OC25GFP66S | 1SCA126712R1001 | 10 | 0.003 |
| Yellow | OC25_ | OC25GFP66Y | 1SCA126713R1001 | 10 | 0.003 |

## Additional lettering plates

The type and the order number are for one piece.

| Colour | For cam switches | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|
| **Additional lettering plates with frame, without engraving** | | | | | |
| **Suitable for handles with 32x32 mm front frame** | | | | | |
| Black frame | OC10_ | OC10GLP32B | 1SCA126714R1001 | 5 | 0.01 |
| Grey frame | OC10_ | OC10GLP32G | 1SCA126715R1001 | 5 | 0.01 |
| **Suitable for handles with 51x51 mm front frame** | | | | | |
| Black frame | OC25_ | OC25GLP51B | 1SCA126716R1001 | 5 | 0.01 |
| Grey frame | OC25_ | OC25GLP51G | 1SCA126717R1001 | 5 | 0.01 |
| **Suitable for handles with 66x66 mm front frame** | | | | | |
| Black frame | OC25_ | OC25GLP66B | 1SCA126718R1001 | 10 | 0.01 |
| Grey frame | OC25_ | OC25GLP66G | 1SCA126719R1001 | 10 | 0.01 |
| **Suitable for round padlockable type handle size 66x66 mm** | | | | | |
| Black frame | OC25_ | OC25GLPRPB | 1SCA126787R1001 | 10 | 0.01 |
| Grey frame | OC25_ | OC25GLPRPG | 1SCA126721R1001 | 10 | 0.01 |

# Ordering information
# Accessories

OC_GJM

OC_GJZ

OC_GJS

OC_R455

OC25GPRC_

OCGNST

## Other accessories

### Chamber to chamber connection jumpers

The type and the order number are for one piece.

| Jumper shape | For cam switches | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|
| M -shape | OC10_ | OC10GJM | 1SCA126725R1001 | 50 | 0.01 |
| Z -shape | OC10_ | OC10GJZ | 1SCA126726R1001 | 50 | 0.01 |
| S -shape | OC10_ | OC10GJS | 1SCA126727R1001 | 50 | 0.01 |
| W1 | OC10_ | OC10GJW1 | 1SCA126728R1001 | 50 | 0.01 |
| M -shape | OC25_ | OC25GJM | 1SCA126729R1001 | 50 | 0.01 |
| Z -shape | OC25_ | OC25GJZ | 1SCA126730R1001 | 50 | 0.01 |
| S -shape | OC25_ | OC25GJS | 1SCA126731R1001 | 50 | 0.01 |
| W1 | OC25_ | OC25GJW1 | 1SCA126732R1001 | 50 | 0.01 |
| W2 | OC25_ | OC25GJW2 | 1SCA126788R1001 | 50 | 0.01 |

### Spare key

For key-operated cam switches.

| Number of keys included | For cam switches/ standard key number | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|
| 2 pcs | OC10_K_ / R455 | OC10GR455 | 1SCA126722R1001 | 2 | 0.01 |
| 2 pcs | OC25_K_ / R455 | OC25GR455 | 1SCA126723R1001 | 2 | 0.01 |

### Protective rear cover

Transparent, IP42 protection

| Number of chambers | Number of contacts | For cam switches | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|---|
| 1-2 | 1-4 | OC25_ | OC25GPRC14 | 1SCA126734R1001 | 1 | 0.02 |
| 3-4 | 5-8 | OC25_ | OC25GPRC58 | 1SCA126735R1001 | 1 | 0.04 |
| 5-6 | 9-12 | OC25_ | OC25GPRC912 | 1SCA126736R1001 | 1 | 0.06 |

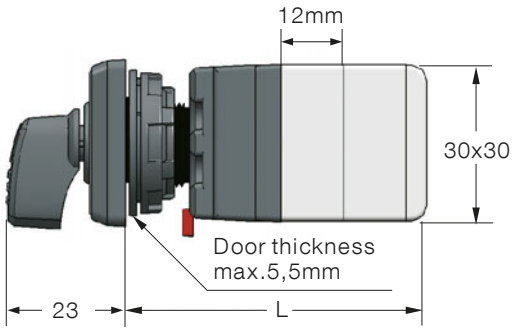
### Nut spanner tool

For proper tightening the nut of snap-on mounted handle.

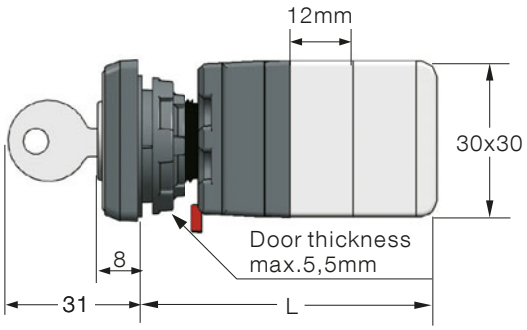
| Colour | For cam switches | Type | Order number | Delivery batch [pcs] | Weight/ unit [kg] |
|---|---|---|---|---|---|
| - | OC10_, OC25_ | OCGNST | 1SCA126724R1001 | 1 | 0.02 |

# Dimension drawings
# OC10_

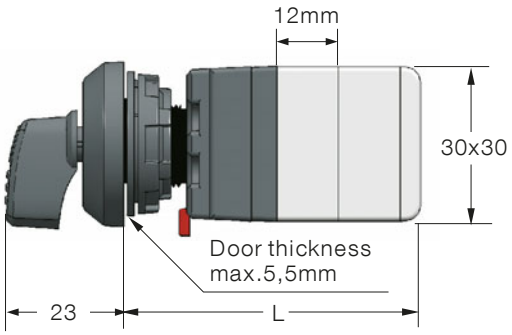
## Door mounting



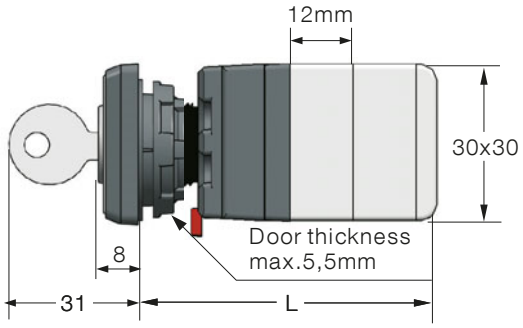

Snap-on mounting



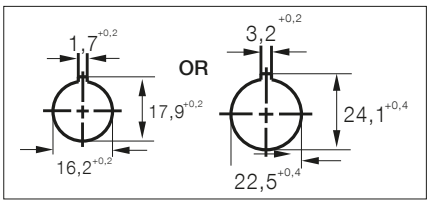

Snap-on mounting_key operated




Snap-on mounting_round front ring

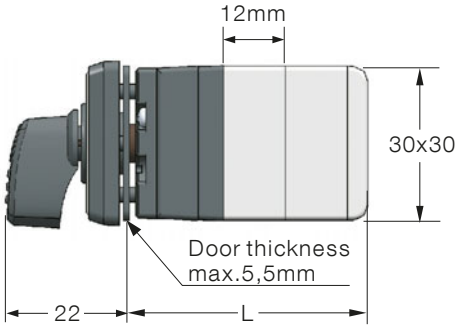



Snap-on mounting_key operated with round front ring

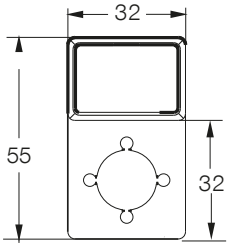


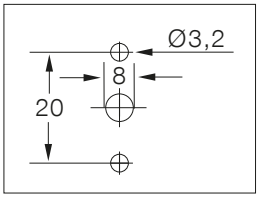

Door drilling, snap-on mounting*

* OC10 snap-on handles are always equipped with a fixing ring, which enables the switch to be mounted to the 22,5mm door drilling.




Screw mounting type



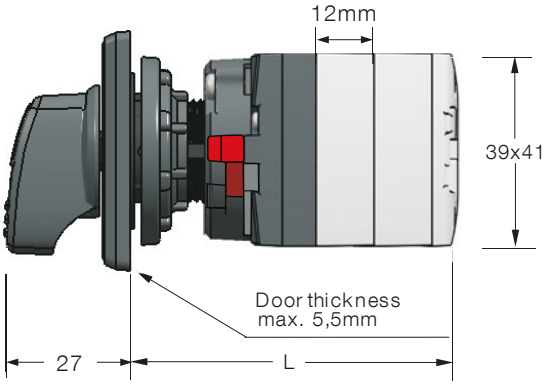




Door drilling, screw mounting

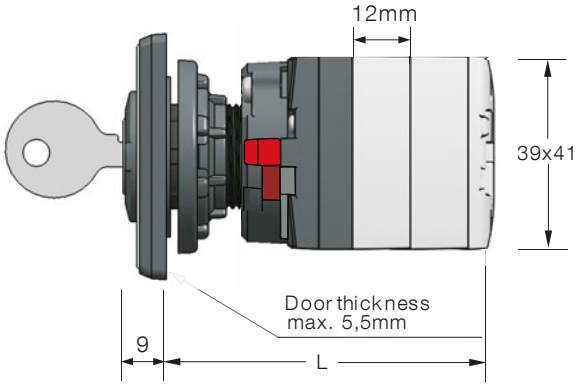
| | | Number of contact chambers | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Snap-on mounting | L | 46 | 58 | 70 | 82 | 94 | 106 | 118 | 130 |
| Screw mounting | L | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
| Key operated | L | 46 | 58 | 70 | 82 | 94 | 106 | 118 | 130 |
| Round front ring | L | 46 | 58 | 70 | 82 | 94 | 106 | 118 | 130 |

# Dimension drawings
# OC25_

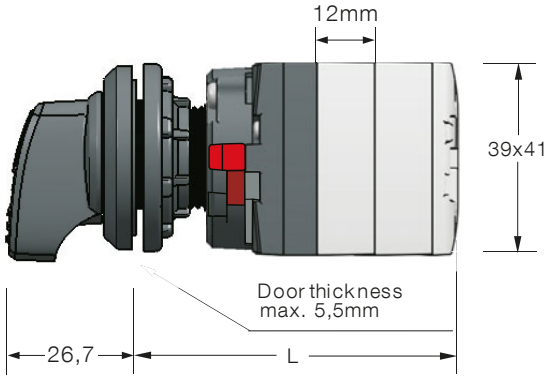
## Door mounting



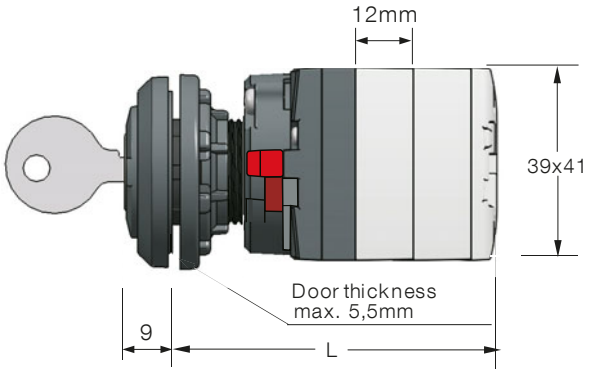

Snap-on mounting



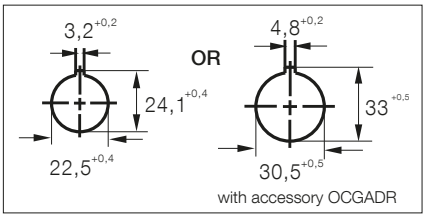

Snap-on mounting_key operated



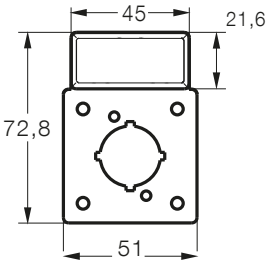

Snap-on mounting_round front ring

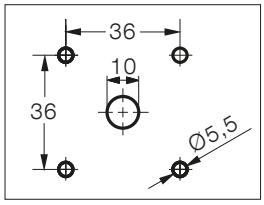



Key operated with round front ring

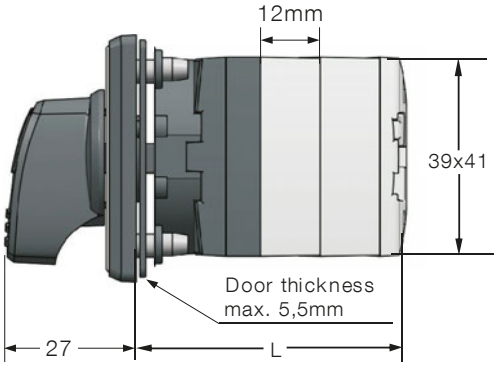



Door drilling, snap-on mounting*




Door drilling, screw mounting

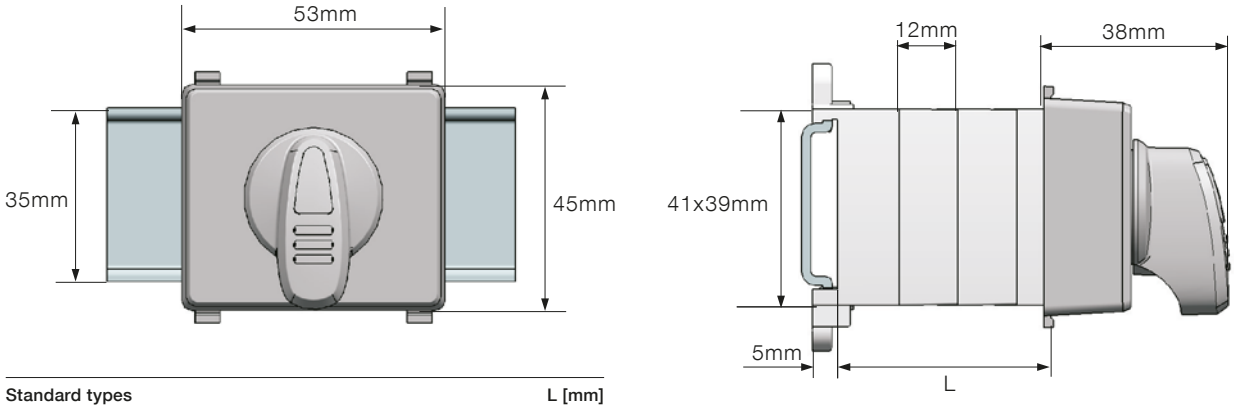



Screw mounting type

| | | Number of contact chambers | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Snap-on mounting | L | 56 | 68 | 80 | 92 | 104 | 116 | 128 | 140 | 152 | 164 | 176 | 188 |
| Screw mounting | L | 44 | 56 | 68 | 80 | 92 | 104 | 116 | 128 | 140 | 152 | 164 | 176 |
| Key operated | L | 56 | 68 | 80 | 92 | 104 | 116 | 128 | 140 | 152 | 164 | 176 | 188 |
| Round front ring | L | 56 | 68 | 80 | 92 | 104 | 116 | 128 | 140 | 152 | 164 | 176 | 188 |

# Dimension drawings
# OC25_

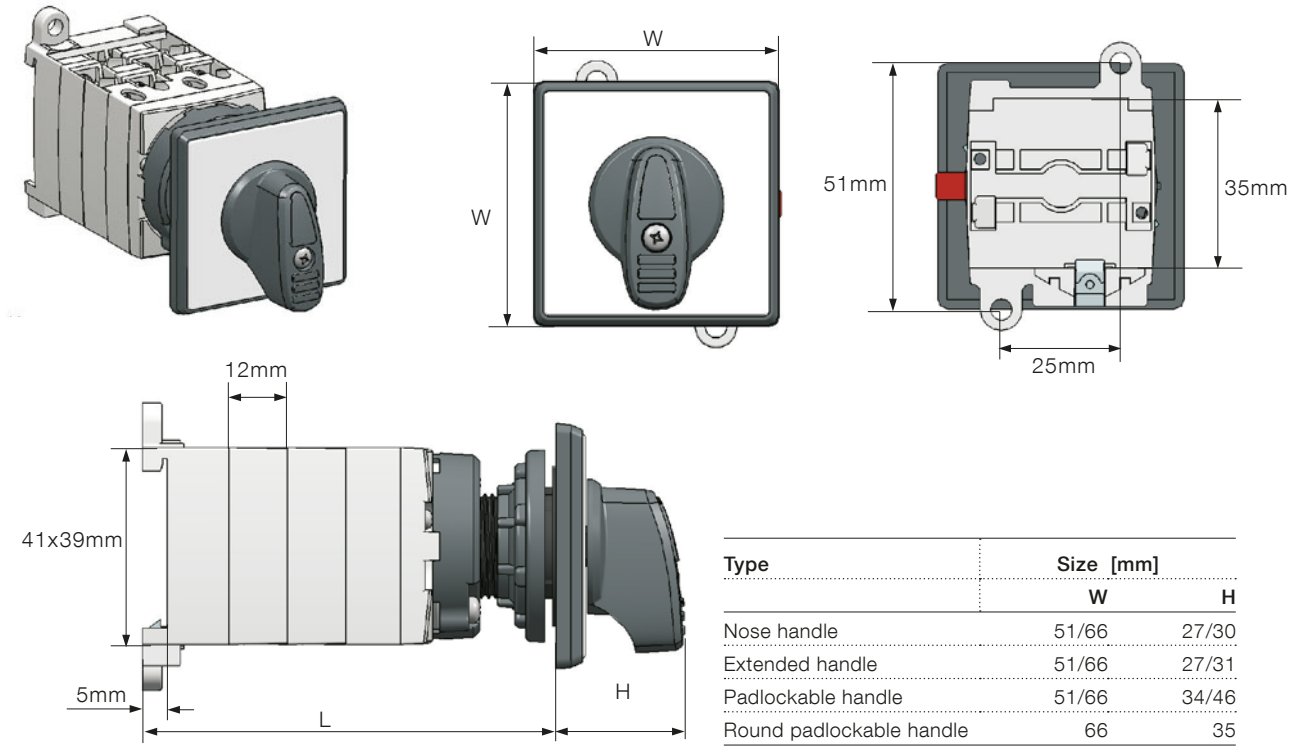
## Modular mounting on DIN-rail




| Standard types | L [mm] |
|---|---|
| OC25_MN (1-6 contacts) | 45 |

The modular switch must be installed with finger protective cover, in order to secure the handle in place.

## Base mounting with direct and snap-on handle (via CamWeb2)

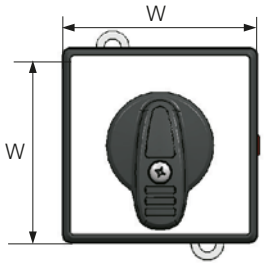


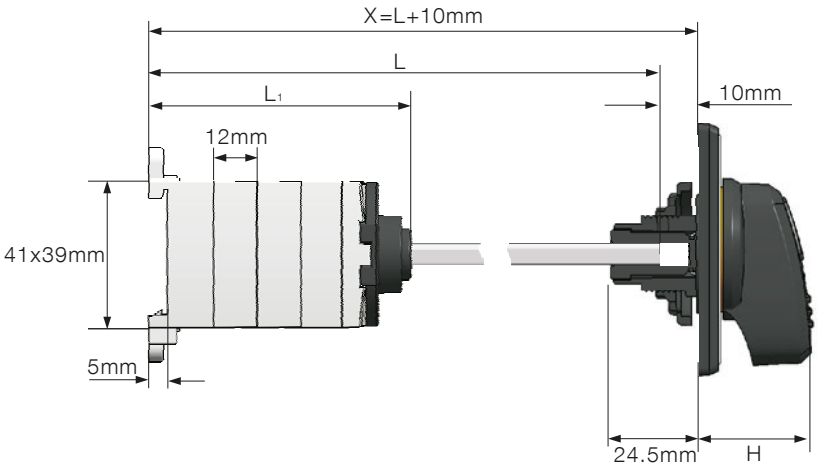

| Type | Size [mm] | |
|---|---|---|
| | W | H |
| Nose handle | 51/66 | 27/30 |
| Extended handle | 51/66 | 27/31 |
| Padlockable handle | 51/66 | 34/46 |
| Round padlockable handle | 66 | 35 |

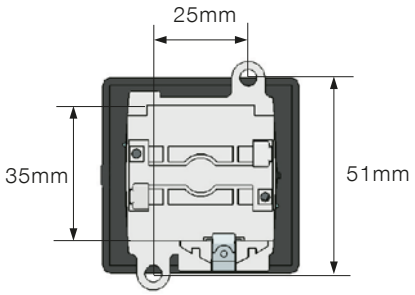
| | Number of contact chambers | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| L | 62 | 74 | 86 | 98 | 110 | 122 | 134 | 146 | 158 | 170 | 182 | 194 |

# Dimension drawings
# OC25_

## Base mounting with normal shaft and snap-on handle (via CamWeb2)



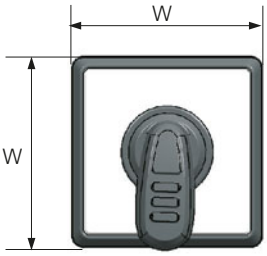



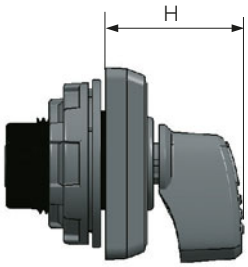

| Type | Size [mm] | |
|---|---|---|
| | W | H |
| Nose handle | 51/66 | 27/30 |
| Extended handle | 51/66 | 27/31 |
| Padlockable handle | 51/66 | 34/46 |
| Round padlockable handle | 66 | 35 |

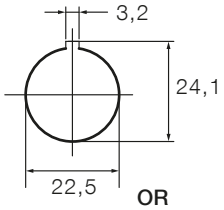
| | Number of contact chambers/Example:Shaft length 220mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| X | 268 | 280 | 292 | 304 | 316 | 328 | 340 | 352 | 364 | 376 | 388 | 400 |
| L | 258 | 270 | 282 | 294 | 306 | 318 | 330 | 342 | 354 | 366 | 378 | 390 |
| L1 | 48.5 | 60.5 | 72.5 | 84.5 | 96.5 | 108.5 | 120.5 | 132.5 | 144.5 | 156.5 | 168.5 | 180.5 |

# Dimension drawings
# Handles, OC10_

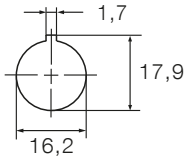
## Snap-on mounting*




**OR**

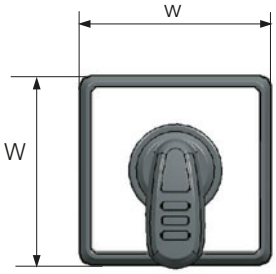


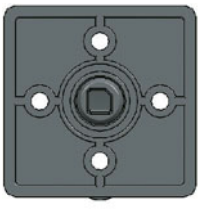

**Nose handle**

| Type | Size [mm] | |
|---|---|---|
| | W | H |
| OC10_ Nose handle | 32 | 23 |

* OC10 snap-on handles are always equipped with a fixing ring, which enables the switch to be mounted to the 22,5mm door drilling.

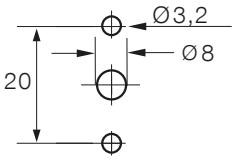
## Screw mounting





**Nose handle**

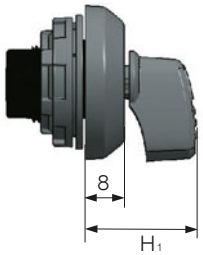
| Type | Size [mm] | |
|---|---|---|
| | W | H |
| OC10_ Nose handle | 32 | 22 |

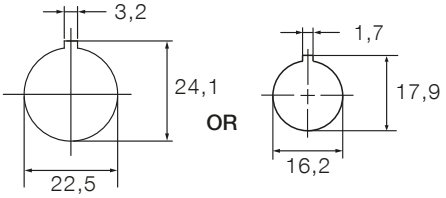


# Dimension drawings
# Handles, OC10_

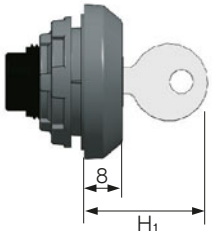
## Round front ring*

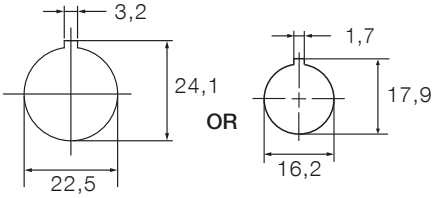
Nose handle



Key operated handle

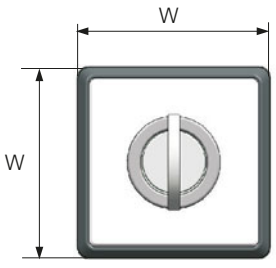


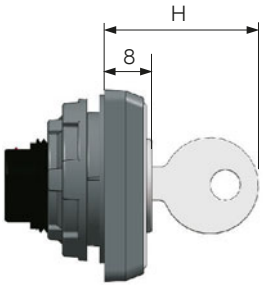



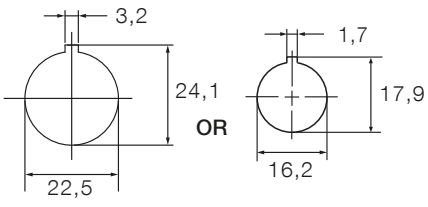

| Type | Size [mm] | |
|---|---|---|
| | H1 | D |
| OC10_ Nose handle | 22 | 32 |
| OC10_ Key operated handle | 31 | 32 |

* OC10 snap-on handles are always equipped with a fixing ring, which enables the switch to be mounted to the 22,5mm door drilling.

## Snap-on key operated*



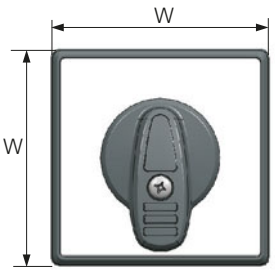

| Type | Size [mm] | |
|---|---|---|
| | W | H |
| OC10_ Key operated handle | 32 | 31 |

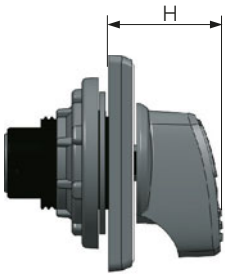
* OC10 snap-on handles are always equipped with a fixing ring, which enables the switch to be mounted to the 22,5mm door drilling.

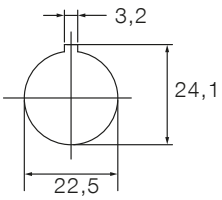
# Dimension drawings
# Handles, OC25_

## Snap-on mounting

Nose handle



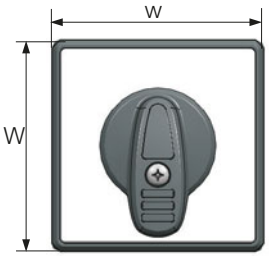



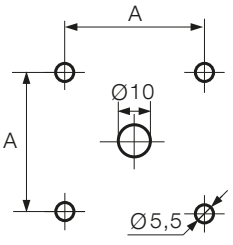
Extended handle

| Type | Size [mm] | |
|---|---|---|
| | W | H |
| OC25_ Nose handle | 51/66 | 27/30 |
| OC25_ Extended handle | 51/66 | 27/31 |

## Screw mounting

Nose handle





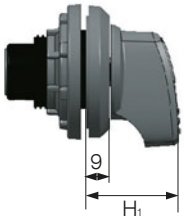
Extended handle

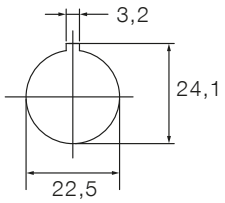
| Type | Size [mm] | | |
|---|---|---|---|
| | W | H | A |
| OC25_ Nose handle | 51/66 | 27/30 | 36/48 |
| OC25_ Extended handle | 51/66 | 27/31 | 36/48 |

# Dimension drawings
# Handles, OC25_

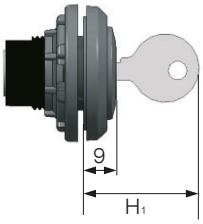
## Round front ring

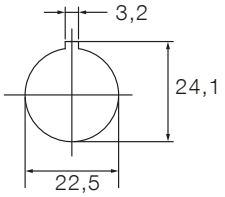
Nose handle



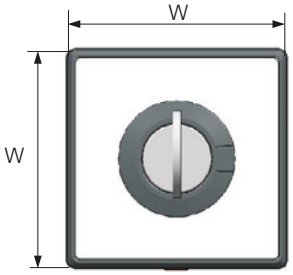
Key operated handle

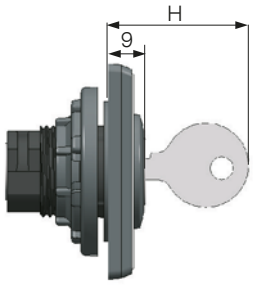


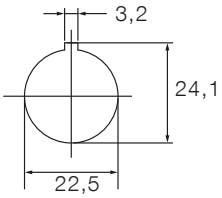




| Type | Size [mm] | |
|---|---|---|
| | $H_1$ | D |
| OC25_ Nose handle | 27 | 39 |
| OC25_ Key operated handle | 32 | 39 |

## Snap-on key operated



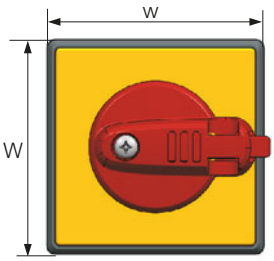



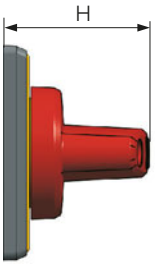

| Type | Size [mm] | |
|---|---|---|
| | W | H |
| OC25_ Key operated handle | 51/66 | 32 |

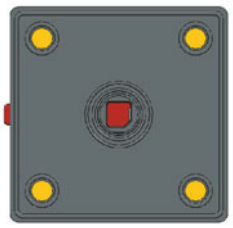
# Dimension drawings
# Handles, OC25_

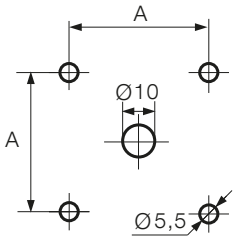
## Padlockable (via CamWeb2)

Padlockable nose handle



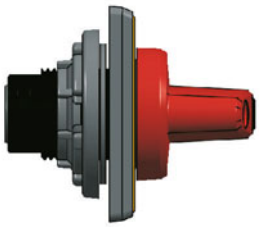



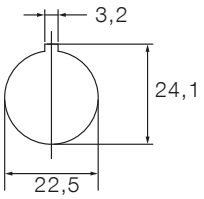





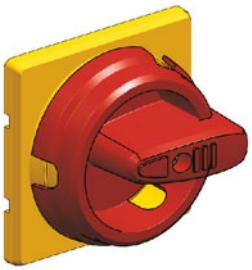
Padlockable extended handle

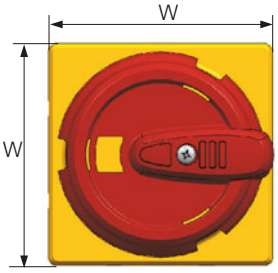
| Type | Size [mm] | | |
|---|---|---|---|
| | W | H | A |
| Padlockable handle_51 | 51 | 34 | 36/48 |
| Padlockable handle_66 | 66 | 46 | 36/48 |

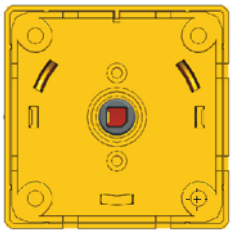




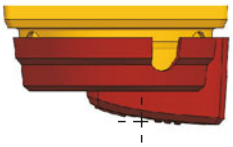

## Round padlockable screw mounted (via CamWeb2)



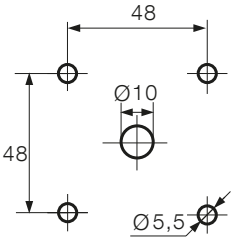




| Type | Size [mm] | |
|---|---|---|
| | W | H |
| Round padlockable screw mounted handle | 66 | 35 |

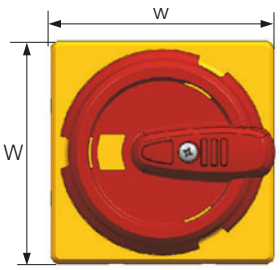


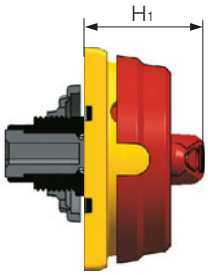
Shaft size 6x6mm

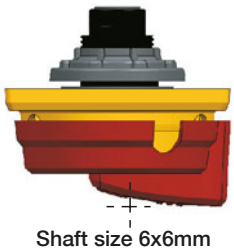


# Dimension drawings
# Handles, OC25_

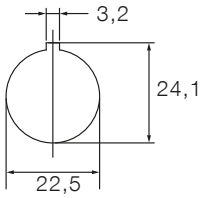
## Round padlockable snap-on (via CamWeb2)





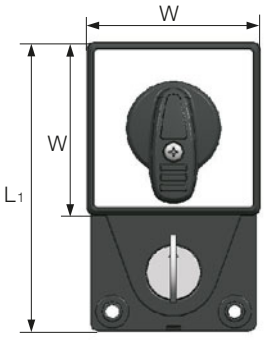
Shaft size 6x6mm

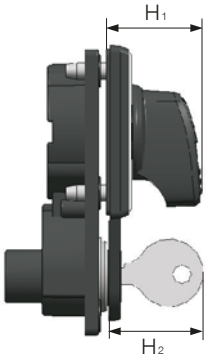


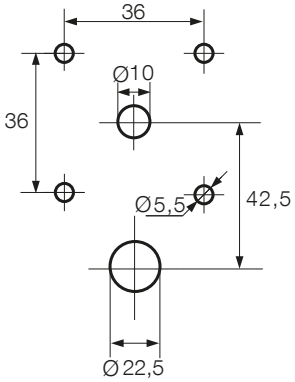

| Type | Size [mm] | |
|---|---|---|
| | W | $H_1$ |
| Round padlockable snap-on handle | 66 | 35 |

## Key interlocked (via CamWeb2)

Key interlocked nose handle



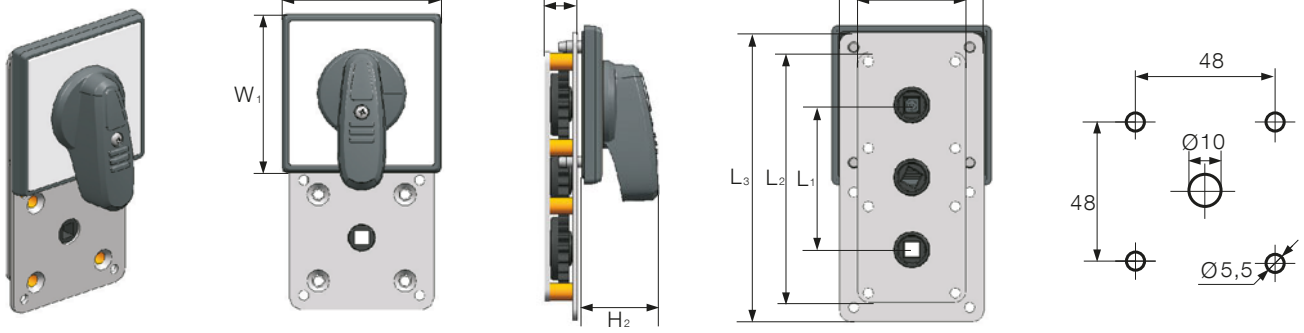






| Type | Size [mm] | | | |
|---|---|---|---|---|
| | W | $L_1$ | $H_1$ | $H_2$ |
| Key interlocked nose handle | 51/66 | 85/93 | 28/32 | 27 |

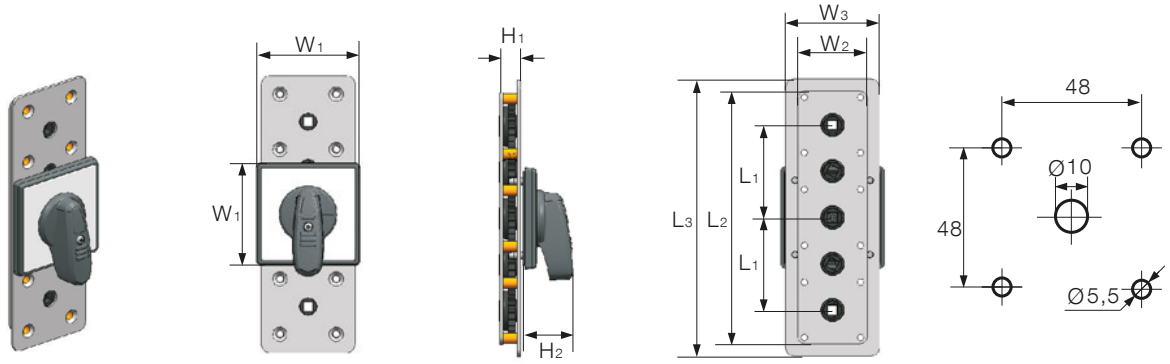
# Dimension drawings
# Handles, OC25_

## Double gang (Tandem) drive (via CamWeb2)




| Type | Size [mm] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | $W_1$ | $W_2$ | $W_3$ | $L_1$ | $L_2$ | $L_3$ | $H_1$ | $H_2$ |
| Double gang drive handle | 66 | 45 | 60 | 60 | 104 | 120 | 13.5 | 31 |

## Triple gang drive (via CamWeb2)




| Type | Size [mm] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | $W_1$ | $W_2$ | $W_3$ | $L_1$ | $L_2$ | $L_3$ | $H_1$ | $H_2$ |
| Triple gang drive handle | 66 | 45 | 60 | 60 | 164 | 180 | 13.5 | 31 |

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| OC25G03PNBN00NB070 | 1SCA126673R1001 | Binarycode switch | 28 |
| OC25G03PNBN00NB071 | 1SCA126674R1001 | Binarycode switch | 28 |
| OC25G03PNBN00NSO31 | 1SCA126569R1001 | Multistep switch | 17 |
| OC25G03PNBN00NST31 | 1SCA126580R1001 | Multistep switch | 17 |
| OC25G03PNBN00NUR13 | 1SCA126646R1001 | Start switch | 24 |
| OC25G03PXBN00NA3 | 1SCA126450R1001 | ON - OFF switch | 10 |
| OC25G03PXBN00NSO31 | 1SCA126570R1001 | Multistep switch | 17 |
| OC25G03PXBN00NST31 | 1SCA126581R1001 | Multistep switch | 17 |
| OC25G03RNBN00NA3 | 1SCA126451R1001 | ON - OFF switch | 10 |
| OC25G03RNBN00NSO31 | 1SCA126571R1001 | Multistep switch | 17 |
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| OC25G04PNBN00NA04 | 1SCA126482R1001 | ON - OFF switch | 11 |
| OC25G04PNBN00NA4 | 1SCA126452R1001 | ON - OFF switch | 10 |
| OC25G04PNBN00NB090 | 1SCA126675R1001 | Binarycode switch | 28 |
| OC25G04PNBN00NB091 | 1SCA126676R1001 | Binarycode switch | 28 |
| OC25G04PNBN00NB110 | 1SCA126677R1001 | Binarycode switch | 28 |
| OC25G04PNBN00NSO22 | 1SCA126559R1001 | Multistep switch | 16 |
| OC25G04PNBN00NSO41 | 1SCA126589R1001 | Multistep switch | 18 |
| OC25G04PNBN00NST30 | 1SCA126627R1001 | Ventilation switch | 23 |
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| OC25G04PNBN00NU2 | 1SCA126498R1001 | Change-over switch | 12 |
| OC25G04PNBN00NURR2 | 1SCA126513R1001 | Change-over switch | 13 |
| OC25G04PNBN00NV3 | 1SCA126652R1001 | Voltmeter switch | 25 |
| OC25G04PNBN00NVN3 | 1SCA126649R1001 | Voltmeter switch | 25 |
| OC25G04PNBN00NW2 | 1SCA126628R1001 | Reversing switch | 23 |
| OC25G04PNBN00NWC2 | 1SCA126542R1001 | Change-over switch | 14 |
| OC25G04PNBN00NWS2 | 1SCA126526R1001 | Change-over switch | 13 |
| OC25G04PXBN00NA4 | 1SCA126454R1001 | ON - OFF switch | 10 |
| OC25G04PXBN00NSO22 | 1SCA126560R1001 | Multistep switch | 16 |
| OC25G04PXBN00NST41 | 1SCA126596R1001 | Multistep switch | 18 |
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| OC25G04PXBN00NV3 | 1SCA126653R1001 | Voltmeter switch | 25 |
| OC25G04PXBN00NWS2 | 1SCA126527R1001 | Change-over switch | 13 |
| OC25G04RNBN00NA4 | 1SCA126455R1001 | ON - OFF switch | 10 |
| OC25G04RNBN00NSO22 | 1SCA126561R1001 | Multistep switch | 16 |
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| OC25G04RNBN00NURR2 | 1SCA126515R1001 | Change-over switch | 13 |
| OC25G04RNBN00NV3 | 1SCA126654R1001 | Voltmeter switch | 25 |
| OC25G04RNBN00NWS2 | 1SCA126528R1001 | Change-over switch | 13 |
| OC25G05PNBN00NA05 | 1SCA126483R1001 | ON - OFF switch | 11 |
| OC25G05PNBN00NA5 | 1SCA126456R1001 | ON - OFF switch | 10 |
| OC25G05PNBN00NSO51 | 1SCA126602R1001 | Multistep switch | 19 |
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| OC25G06KNBN00NU3 | 1SCA126501R1001 | Change-over switch | 12 |
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| OC25G06MNGN00NVN30 | 1SCA126656R1001 | Voltmeter switch | 25 |
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