



Breakers and Switches

## Switches

Rotary cam switches  
OC 10...25 Amperes

Power and productivity  
for a better world™





# Rotary cam switches

## OC10...25

### Contents

04	Product overview
09	Technical data
10	Cam switches, ordering information
10	ON-OFF switches
12	Change-over switches
15	Bypass switches
16	Multistep switches
23	Motor control switches
	Ventilation switches
	Reversing switches
	Star-delta switches
	Pole-change switches
	Pumpstart switches
	Stop switches
	Start switches
25	Voltmeter switches
27	Ammeter switches
27	Volt-ammeter switches
28	Binarycode switches
29	Accessories, ordering information
34	Dimension drawings
45	Index

# 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
- Front plates
- Base mounting kit
- Lettering plates

Spare key

Connection jumpers

Protective rear cover

Nut spanner tool



### Modular DIN rail base mounted

OC25_PX_ Snap-on mounted nose handle with round front ring	OC10_KN_ Snap-on mounted key-operated handle	OC25_KN_ Snap-on mounted key-operated handle	OC25_KX_ Snap-on mounted key-operated handle with round front ring	OC25_MN_ 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				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 to 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 and cost

## ABB's complete offering

ABB offers a wide variety of switches, 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	$I_{sc}$ (r.m.s.)	kA		1 <sup>1)</sup>	7 <sup>1)</sup>
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 <sup>4)</sup>	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	Tightening torque	Nm		0.3...0.4	0.4...0.8
	Max cable cross section, solid/stranded <sup>3)</sup>	mm <sup>2</sup>		0.5...1.5	1.5...4
Temperature	Storing temperature	°C		-40...+80	-40...+80
	Operational temperature <sup>2)</sup>	°C		-30...+70	-30...+70

<sup>1)</sup> 400 V

<sup>2)</sup> At 40°C, derating 0%

At 70°C, derating 30%

Current peaks up to 60°C, derating 0%

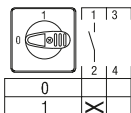
<sup>3)</sup> Use copper wire only

<sup>4)</sup> These values are given for guidance and may vary acc. to the motor manufacturer

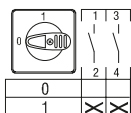
# Ordering information

## Rotary cam switches

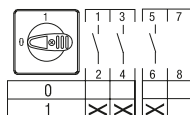
### OC\_A1



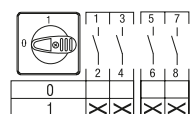
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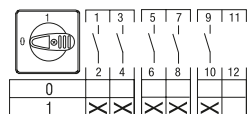
### OC\_A3



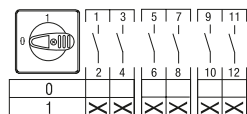
### OC\_A4



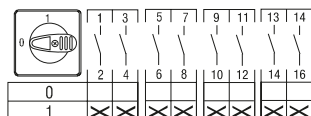
### OC\_A5



### 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]
<b>Door mounted, snap-on mounted black nose handle, black front frame and silver front plate</b>						
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
<b>Door mounted, screw mounted black nose handle, black front frame and silver front plate</b>						
0 - 1	1 / 1	25	OC25G01RNB00NA1	1SCA126436R1001	10	0.152
0 - 1	2 / 2	25	OC25G02RNB00NA2	1SCA126442R1001	10	0.157
0 - 1	3 / 3	25	OC25G03RNB00NA3	1SCA126451R1001	10	0.174
0 - 1	4 / 4	25	OC25G04RNB00NA4	1SCA126455R1001	10	0.179
<b>Door mounted, snap-on mounted black nose handle with round black front ring, no engraving</b>						
0 - 1	1 / 1	25	OC25G01PXB00NA1	1SCA126435R1001	10	0.075
0 - 1	2 / 2	25	OC25G02PXB00NA2	1SCA126441R1001	10	0.080
0 - 1	3 / 3	25	OC25G03PXB00NA3	1SCA126450R1001	10	0.097
0 - 1	4 / 4	25	OC25G04PXB00NA4	1SCA126454R1001	10	0.102
<b>Door mounted, snap-on mounted key operated, black front frame and silver front plate</b>						
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
<b>Door mounted, snap-on mounted key operated, round front ring, no engraving</b>						
0 - 1	1 / 1	25	OC25G01KXB00NA1	1SCA126431R1001	10	0.094
0 - 1	2 / 2	25	OC25G02KXB00NA2	1SCA126437R1001	10	0.099
0 - 1	3 / 3	25	OC25G03KXB00NA3	1SCA126446R1001	10	0.116
<b>Modular DIN-rail base mounted, grey handle</b>						
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

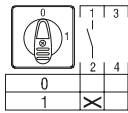
Packing sizes for 10 pcs: OC10\_A1...A6: 200 x 80 x 98 mm

OC25\_A1...A6: 265 x 106 x 112 mm, OC25\_A8: 265 x 106 x 148 mm

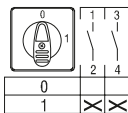
# Ordering information

## Rotary cam switches

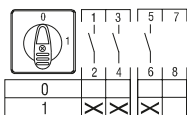
OC\_A01



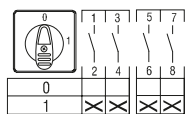
OC\_A02



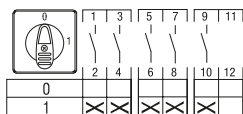
OC\_A03



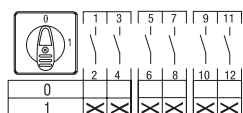
OC\_A04



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°

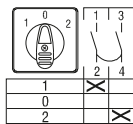
Function	Number of poles/ contacts	Rated thermal current $I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/ unit [kg]
Door mounted, snap-on mounted black nose handle, black front frame and silver front plate						
0 - 1	1 / 1	10	OC10G01PNBN00NA01	1SCA126467R1001	10	0.034
0 - 1	2 / 2	10	OC10G02PNBN00NA02	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

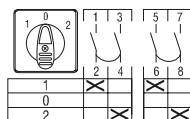
# Ordering information

## Rotary cam switches

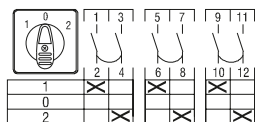
### OC\_U1



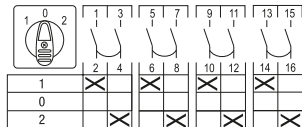
### OC\_U2



### 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]
<b>Door mounted, snap-on mounted black nose handle, black front frame and silver front plate</b>						
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
<b>Door mounted, screw mounted black nose handle, black front frame and silver front plate</b>						
1 - 0 - 2	1 / 2	25	OC25G02RNB00NU1	1SCA126496R1001	10	0.158
1 - 0 - 2	2 / 4	25	OC25G04RNB00NU2	1SCA126500R1001	10	0.180
1 - 0 - 2	3 / 6	25	OC25G06RNB00NU3	1SCA126505R1001	10	0.202
1 - 0 - 2	4 / 8	25	OC25G08RNB00NU4	1SCA126508R1001	10	0.227
<b>Door mounted, snap-on mounted black nose handle with round black front ring, no engraving</b>						
1 - 0 - 2	1 / 2	25	OC25G02PXB00NU1	1SCA126495R1001	10	0.081
1 - 0 - 2	2 / 4	25	OC25G04PXB00NU2	1SCA126499R1001	10	0.103
1 - 0 - 2	3 / 6	25	OC25G06PXB00NU3	1SCA126504R1001	10	0.125
1 - 0 - 2	4 / 8	25	OC25G08PXB00NU4	1SCA126507R1001	10	0.149
<b>Door mounted, snap-on mounted key operated, black front frame and silver front plate</b>						
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
<b>Modular DIN-rail base mounted, grey handle</b>						
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:

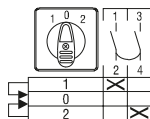
OC10\_U1...U3: 200 x 80 x 98 mm, OC10\_U4: 200 x 80 x 122 mm

OC25\_U1...U3: 265 x 106 x 112 mm, OC25\_U4: 265 x 106 x 148 mm

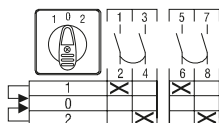
# Ordering information

## Rotary cam switches

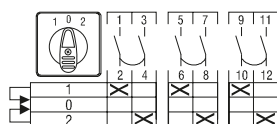
### OC\_URR1



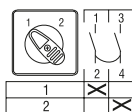
### OC\_URR2



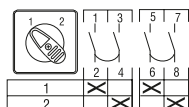
### OC\_URR3



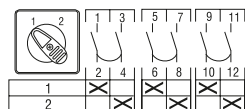
### OC\_WS1



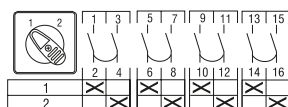
### OC\_WS2



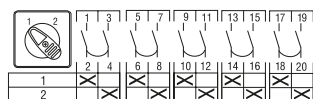
### OC\_WS3



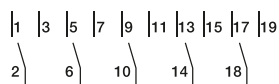
### OC\_WS4



### 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 contacts	Rated poles/ current $I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/ unit [kg]
<b>Door mounted, snap-on mounted black nose handle, black front frame and silver front plate</b>						
1 <sub>R</sub> - 0 - 2 <sub>R</sub>	1 / 2	10	OC10G02PNBN00NURR1	1SCA126509R1001	10	0.036
1 <sub>R</sub> - 0 - 2 <sub>R</sub>	3 / 6	10	OC10G06PNBN00NURR3	1SCA126510R1001	10	0.054
1 <sub>R</sub> - 0 - 2 <sub>R</sub>	1 / 2	25	OC25G02PNBN00NURR1	1SCA126512R1001	10	0.086
1 <sub>R</sub> - 0 - 2 <sub>R</sub>	2 / 4	25	OC25G04PNBN00NURR2	1SCA126513R1001	10	0.108
1 <sub>R</sub> - 0 - 2 <sub>R</sub>	3 / 6	25	OC25G06PNBN00NURR3	1SCA126516R1001	10	0.130
<b>Door mounted, screw mounted black nose handle, black front frame and silver front plate</b>						
1 <sub>R</sub> - 0 - 2 <sub>R</sub>	2 / 4	25	OC25G04RBNB00NURR2	1SCA126515R1001	10	0.180
<b>Door mounted, snap-on mounted black nose handle with round black front ring, no engraving</b>						
1 <sub>R</sub> - 0 - 2 <sub>R</sub>	2 / 4	25	OC25G04PXB00NURR2	1SCA126514R1001	10	0.103
<b>Modular DIN-rail base mounted, grey handle</b>						
1 <sub>R</sub> - 0 - 2 <sub>R</sub>	1 / 2	25	OC25G02MNGN00NURR1	1SCA126511R1001	10	0.090

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

<b>Door mounted, snap-on mounted black nose handle, black front frame and silver front plate</b>						
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
<b>Door mounted, screw mounted black nose handle, black front frame and silver front plate</b>						
1 - 2	1 / 2	25	OC25G02RBNB00NWS1	1SCA126524R1001	10	0.158
1 - 2	2 / 4	25	OC25G04RBNB00NWS2	1SCA126528R1001	10	0.180
1 - 2	3 / 6	25	OC25G06RBNB00NWS3	1SCA126532R1001	10	0.202
1 - 2	4 / 8	25	OC25G08RBNB00NWS4	1SCA126535R1001	10	0.227
<b>Door mounted, snap-on mounted black nose handle with round black front ring, no engraving</b>						
1 - 2	1 / 2	25	OC25G02PXB00NWS1	1SCA126523R1001	10	0.081
1 - 2	2 / 4	25	OC25G04PXB00NWS2	1SCA126527R1001	10	0.103
1 - 2	3 / 6	25	OC25G06PXB00NWS3	1SCA126531R1001	10	0.125
1 - 2	4 / 8	25	OC25G08PXB00NWS4	1SCA126534R1001	10	0.149
<b>Modular DIN-rail base mounted, grey handle</b>						
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:

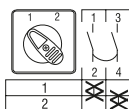
OC10\_URR\_ & OC10\_WS1...WS3: 200 x 80 x 98 mm, OC10\_WS4...WS5: 200 x 80 x 122 mm

OC25\_URR\_ & OC25\_WS1...WS3: 265 x 106 x 112 mm, OC25\_WS4...WS5: 265 x 106 x 148 mm

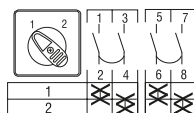
# Ordering information

## Rotary cam switches

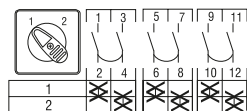
### OC\_WC1



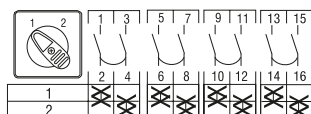
### OC\_WC2



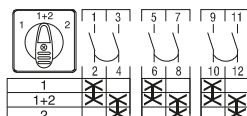
### OC\_WC3



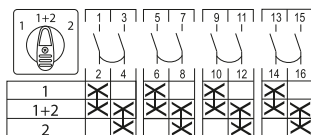
### OC\_WC4



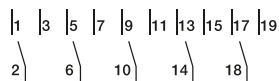
### OC\_UC3



### 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 thermal poles/ contacts	Rated current $I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/ unit [kg]
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### 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:

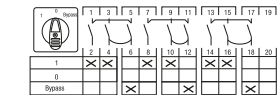
OC10\_WC1...WC3: 200 x 80 x 98 mm, OC10\_WC4: 200 x 80 x 122 mm

OC25\_WC1...WC3 & OC25\_UC3: 265 x 106 x 112 mm, OC25\_WC4 & OC25\_UC4: 265 x 106 x 148 mm

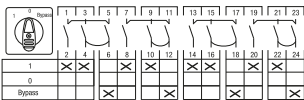
# Ordering information

## Rotary cam switches

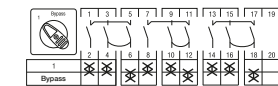
### OC\_WS36



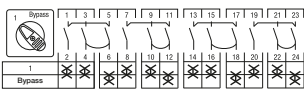
### OC\_WS48



### 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 contacts	Rated of thermal poles/ current $I_{th}$ [A]	Type	Order number	Delivery Weight/ batch [pcs]	unit [kg]
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#### 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

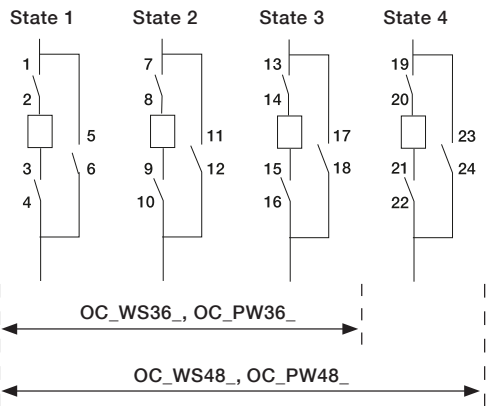
1 - 0 - Bypass	3;6 / 9	25	OC25G09PNBN00NWS36	1SCA126547R1001	10	0.172
1 - 0 - Bypass	4;8 / 12	25	OC25G12PNBN00NWS48	1SCA126548R1001	10	0.200

#### 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

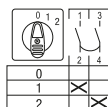
Packing sizes for 10 pcs: OC25\_: 265 x 106 x 148 mm



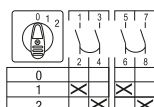
# Ordering information

## Rotary cam switches

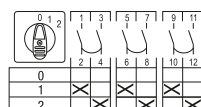
### OC\_SO21



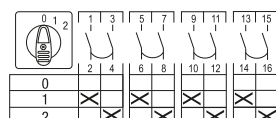
### OC\_SO22



### 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 contacts	Rated of thermal poles/ current $I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/ unit [kg]
<b>Door mounted, snap-on mounted black nose handle, black front frame and silver front plate</b>						
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
<b>Door mounted, screw mounted black nose handle, black front frame and silver front plate</b>						
0 - 1 - 2	1 / 2	25	OC25G02RBNBN00NSO21	1SCA126558R1001	10	0.158
0 - 1 - 2	2 / 4	25	OC25G04RBNBN00NSO22	1SCA126561R1001	10	0.180
<b>Door mounted, snap-on mounted black nose handle with round black front ring, no engraving</b>						
0 - 1 - 2	1 / 2	25	OC25G02PXBNN00NSO21	1SCA126557R1001	10	0.081
0 - 1 - 2	2 / 4	25	OC25G04PXBNN00NSO22	1SCA126560R1001	10	0.103
<b>Modular DIN-rail base mounted, grey handle</b>						
0 - 1 - 2	1 / 2	25	OC25G02MNGNN00NSO21	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

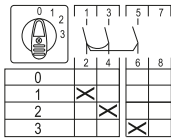
OC25\_SO21...SO23: 265 x 106 x 112 mm, OC25\_SO24: 265 x 106 x 148 mm



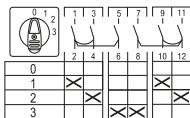
# Ordering information

## Rotary cam switches

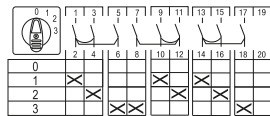
### OC\_S031



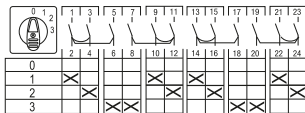
### OC\_S032



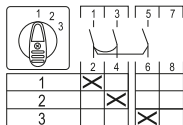
### OC\_S033



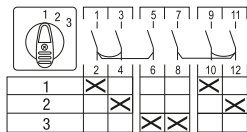
### OC\_S034



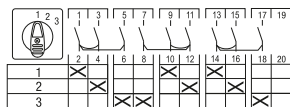
### OC\_ST31



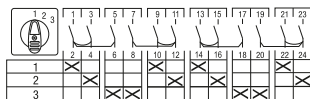
### OC\_ST32



### 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 thermal poles/ contacts	Rated current $I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/ unit [kg]
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### 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	OC25G03RBNB00NSO31	1SCA126571R1001	10	0.175
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#### Door mounted, snap-on mounted black nose handle with round black front ring, no engraving

0 - 1 - 2 - 3	1 / 3	25	OC25G03PXB00NSO31	1SCA126570R1001	10	0.098
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#### Modular DIN-rail base mounted, grey handle

0 - 1 - 2 - 3	1 / 3	25	OC25G03MNGN00NSO31	1SCA126568R1001	10	0.096
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### 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	OC25G03RBNB00NST31	1SCA126582R1001	10	0.175
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#### Door mounted, snap-on mounted black nose handle with round black front ring, no engraving

1 - 2 - 3	1 / 3	25	OC25G03PXB00NST31	1SCA126581R1001	10	0.098
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#### Modular DIN-rail base mounted, grey handle

1 - 2 - 3	1 / 3	25	OC25G03MNGN00NST31	1SCA126579R1001	10	0.096
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Packing sizes for 10 pcs:

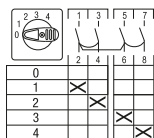
OC10\_S\_31...S\_32: 200 x 80 x 98 mm, OC10\_S\_33: 200 x 80 x 122 mm, OC10\_S\_34: 40 x 40 x 158 mm, 1 pcs/box

OC25\_S\_31...S\_32: 265 x 106 x 112 mm, OC25\_S\_33...S\_34: 265 x 106 x 148 mm

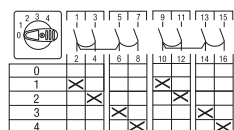
# Ordering information

## Rotary cam switches

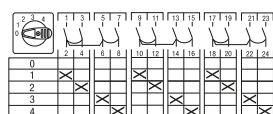
### OC\_S041



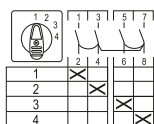
### OC\_S042



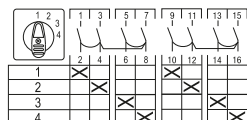
### OC\_S043



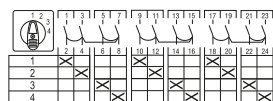
### OC\_ST41



### 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 contacts	Rated thermal poles/ current $I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/ unit [kg]
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### 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	OC25G04RNB00NST41	1SCA126597R1001	10	0.180
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#### Door mounted, snap-on mounted black nose handle with round black front ring, no engraving

1-2-3-4	1 / 4	25	OC25G04PXB00NST41	1SCA126596R1001	10	0.103
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Packing sizes for 10 pcs:

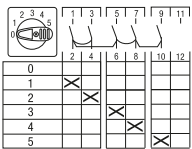
OC10\_S\_41: 200 x 80 x 98 mm, OC10\_S\_42: 200 x 80 x 122 mm, OC10\_S\_43: 40 x 40 x 158 mm, 1 pcs/box

OC25\_S\_41: 265 x 106 x 112 mm, OC25\_S\_42...S\_43: 265 x 106 x 148 mm

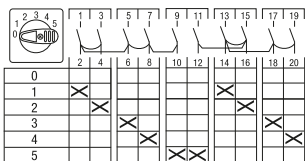
# Ordering information

## Rotary cam switches

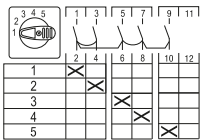
### OC\_S051



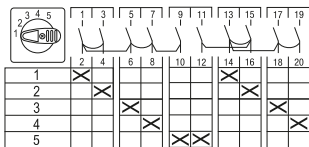
### OC\_S052



### 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 contacts	Rated thermal poles/ current $I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/unit [kg]
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#### 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:

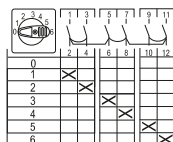
OC10\_S\_51: 200 x 80 x 98 mm, OC10\_S\_52: 200 x 80 x 122 mm

OC25\_S\_51: 265 x 106 x 112 mm, OC25\_S\_52: 265 x 106 x 148 mm

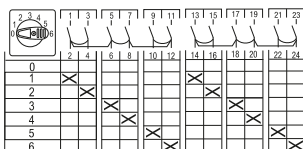
# Ordering information

## Rotary cam switches

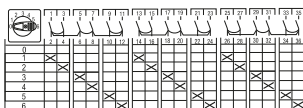
### OC\_S061



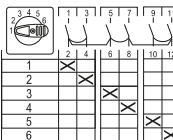
### OC\_S062



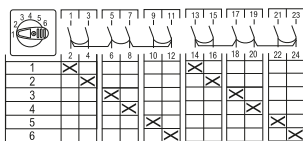
### OC\_S063



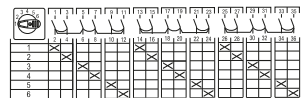
### OC\_ST61



### 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 thermal poles/ contacts	Rated current $I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/unit [kg]
<b>6-step, with 0-position</b>						
<b>Door mounted, snap-on mounted black nose handle, black front frame and silver front plate</b>						
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

<b>Door mounted, snap-on mounted black nose handle, black front frame and silver front plate</b>						
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

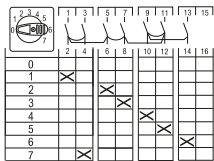
Packing sizes for 10 pcs:

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

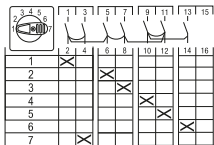
# Ordering information

## Rotary cam switches

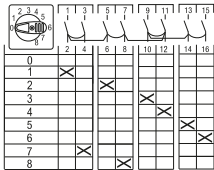
OC\_S071



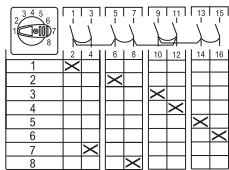
OC\_ST71



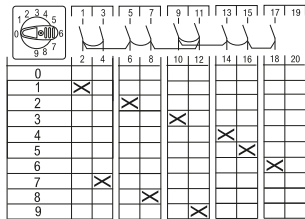
OC\_S081



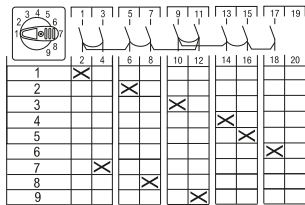
OC\_ST81



OC\_S091



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]
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#### 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
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#### 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
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#### 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
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#### 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
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#### 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
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#### 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
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Packing sizes for 10 pcs: OC25\_: 265 x 106 x 148 mm

# Ordering information

## Rotary cam switches

### OC\_S010



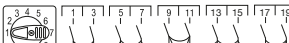
	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

### 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 contacts	Rated thermal poles/ current $I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/unit [kg]
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### OC\_ST10



	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

#### 10-step, with 0-position

Door mounted, snap-on mounted black nose handle, black front frame and silver front plate


0-1-2-3-4-5-6-7-8-9-10	1 / 10	25	OC25G10PNBN00NSO10	1SCA126620R1001	5	0.179
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#### 10-step, without 0-position

Door mounted, snap-on mounted black nose handle, black front frame and silver front plate

1-2-3-4-5-6-7-8-9-10	1 / 10	25	OC25G10PNBN00NST10	1SCA126621R1001	5	0.179
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### OC\_S011



	1	2	3	4	5	6	7	8	9	10	11
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											

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

Door mounted, snap-on mounted black nose handle, black front frame and silver front plate


0-1-2-3-4-5-6-7-8-9-10-11	1 / 11	25	OC25G11PNBN00NSO11	1SCA126622R1001	5	0.197
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#### 11-step, without 0-position

Door mounted, snap-on mounted black nose handle, black front frame and silver front plate

1-2-3-4-5-6-7-8-9-10-11	1 / 11	25	OC25G11PNBN00NST11	1SCA126623R1001	5	0.197
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### OC\_ST11



	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												


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

Door mounted, snap-on mounted black nose handle, black front frame and silver front plate

1-2-3-4-5-6-7-8-9-10-11-12	1 / 12	25	OC25G12PNBN00NST12	1SCA126624R1001	5	0.202
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Packing sizes for 10 pcs: OC25\_: 265 x 106 x 148 mm

### OC\_ST12

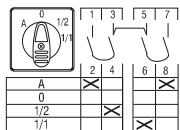


	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

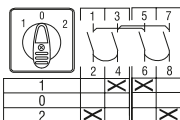
# Ordering information

## Rotary cam switches

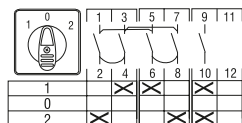
### OC\_ST30



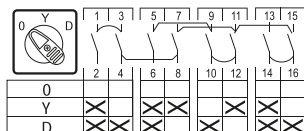
### OC\_W2



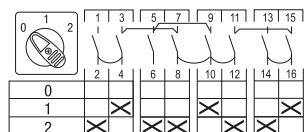
### OC\_W3



### 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	contacts	Motor		Type	Order number	Delivery Weight/	
		Number	Rated rating of thermal AC23/ poles/ current			batch	unit
			400V			[pcs]	[kg]
			$I_{th}$ [A]				
			[kW]				

### 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
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### 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
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### Pole-change switches (Dahlander)

Winding for 2 speeds, one direction, 0-A-YYY

Door mounted, snap-on mounted black nose handle, black front frame and silver front plate

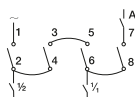
0-1-2	3 / 8	25	7.5	OC25G08PNBN00NP12	1SCA126631R1001	10	0.156
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Packing sizes for 10 pcs:

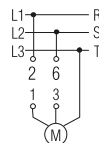
OC10 : 200 x 80 x 98 mm

OC25\_ST30 & OC25\_W : 265 x 106 x 112 mm, OC25\_SD & OC25\_P12: 265 x 106 x 148 mm

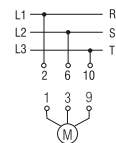
### OC\_ST30



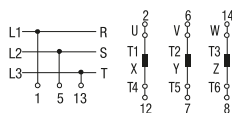
### OC\_W2



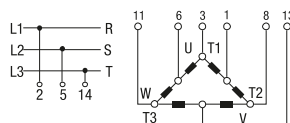
### OC\_W3



### OC\_SD



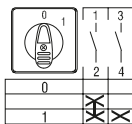
### OC\_P12



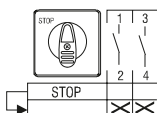
# Ordering information

## Rotary cam switches

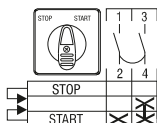
### OC\_SE15



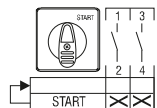
### OC\_SA2



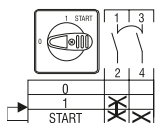
### OC\_SEA1



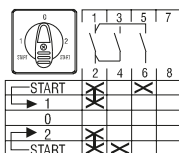
### OC\_SE2



### 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 current $I_n$ [A]	Type	Order number	Delivery batch [pcs]	Weight/ unit [kg]
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## 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 <sub>R</sub> -Stop	2 / 2	10	OC10G02PNBN00NSA2	1SCA126635R1001	10	0.036
0 <sub>R</sub> -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 <sub>R</sub> -Start	1 / 2	10	OC10G02PNBN00NSE2	1SCA126643R1001	10	0.036
0 <sub>R</sub> -Start	1 / 2	25	OC25G02PNBN00NSE2	1SCA126644R1001	10	0.086
Step angle 90°- 30°						
0-1 <sub>R</sub> -Start	1 / 2	10	OC10G02PNBN00NSEA0	1SCA126638R1001	10	0.036
0-1 <sub>R</sub> -Start	1 / 2	25	OC25G02PNBN00NSEA0	1SCA126640R1001	10	0.086
Start-1 <sub>R</sub> -0-2 <sub>R</sub> -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 <sub>R</sub> -Start	1 / 2	25	OC25G02RBNB00NSEA0	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 <sub>R</sub> -Start	1 / 2	25	OC25G02PXB00NSEA0	1SCA126641R1001	10	0.081

## Modular DIN-rail base mounted, grey handle

Step angle 90°- 30°						
0-1 <sub>R</sub> -Start	1 / 2	25	OC25G02MNGN00NSEA0	1SCA126639R1001	10	0.090
Start-1 <sub>R</sub> -0-2 <sub>R</sub> -Start	1 / 3	25	OC25G03MNGN00NUR13	1SCA126645R1001	10	0.097

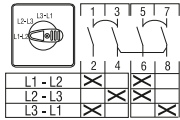
Packing sizes for 10 pcs: OC10.: 200 x 80 x 98 mm, OC25.: 265 x 106 x 112 mm



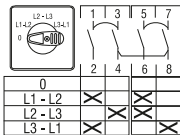
# Ordering information

## Rotary cam switches

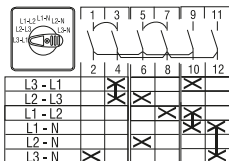
### OC\_VN3



### 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	Rated Number thermal of current contacts	$I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/unit [kg]
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### 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
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### 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	OC10G04PNBN00NVN3	1SCA126650R1001	10	0.045
0, L1-L2, L2-L3, L3-L1	4	25	OC25G04PNBN00NVN3	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	OC25G04RNB00NVN3	1SCA126654R1001	10	0.180
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#### Door mounted, snap-on mounted black nose handle with round black front ring, no engraving

0, L1-L2, L2-L3, L3-L1	4	25	OC25G04PXB00NVN3	1SCA126653R1001	10	0.103
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#### DIN-rail mounted

0, L1-L2, L2-L3, L3-L1	4	25	OC25G04MNGN00NVN3	1SCA126651R1001	10	0.102
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### 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

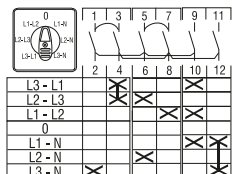
L3-L1, L2-L3, L1-L2, L1-N, L2-N, L3-N	6	25	OC25G06MNGN00NVN30	1SCA126656R1001	10	0.114
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Packing sizes for 10 pcs: OC10\_: 200 x 80 x 98 mm, OC25\_: 265 x 106 x 112 mm

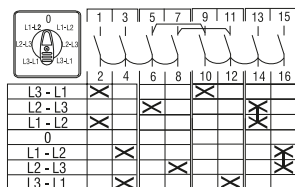
# Ordering information

## 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	Rated Number of contacts	thermal current $I_{th}$ [A]	Type	Order number	Delivery batch	Weight/ unit
					[pcs]	[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	OC25G06RNB00NV30	1SCA126662R1001	10	0.204
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#### 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	OC25G06PXB00NV30	1SCA126661R1001	10	0.126
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#### Modular DIN-rail base mounted, grey handle

L3-L1, L2-L3, L1-L2, 0, L1-N, L2-N, L3-N	6	25	OC25G06MNG00NV30	1SCA126659R1001	10	0.115
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### 7 Positions, 3 phase to phase voltages for 2 circuits, with 0 position, step angle 45°

#### Door mounted, snap-on mounted black nose handle, black front frame and silver front plate

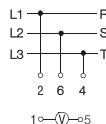
L3-L1, L2-L3, L1-L2, 0, L1-L2, L2-L3, L3-L1	8	10	OC10G08PNBN00NV32	1SCA126663R1001	10	0.066
L3-L1, L2-L3, L1-L2, 0, L1-L2, L2-L3, L3-L1	8	25	OC25G08PNBN00NV32	1SCA126664R1001	10	0.157

Packing sizes for 10 pcs:

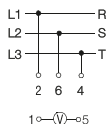
OC10\_V30: 200 x 80 x 98 mm, OC10\_V32: 200 x 80 x 122 mm

OC25\_V30: 265 x 106 x 112 mm, OC25\_V32: 265 x 106 x 148 mm

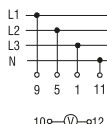
### OC\_VN3



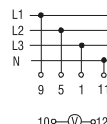
### OC\_V3



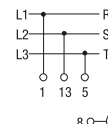
### OC\_VN30



### OC\_V30



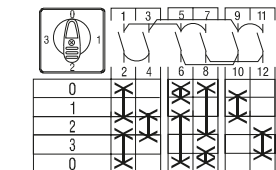
### OC\_V32



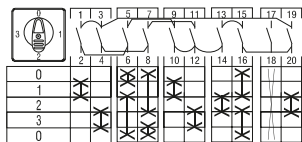
# Ordering information

## Rotary cam switches

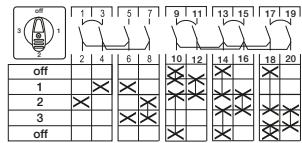
### OC\_AU31



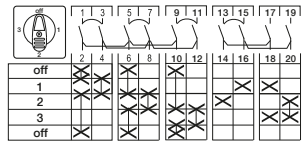
### OC\_AU32



### 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	Rated Number thermal of current contacts	$I_{th}$ [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	OC25G06RNB00NAU31	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	OC25G06PXB00NAU31	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.

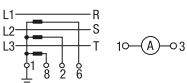
Function	Rated Number thermal of current contacts	$I_{th}$ [A]	Type	Order number	Delivery batch [pcs]	Weight/unit [kg]
Door mounted, snap-on mounted black nose handle, black front frame and silver front plate						
OFF-1-2-3	10	25	OC25G10PNBN00NVA21	1SCA126671R1001	10	0.179
OFF-1-2-3	10	25	OC25G10PNBN00NAV12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

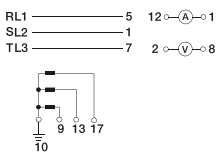
### OC\_AU31



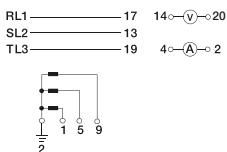
### O\_AU32



### OC\_VA



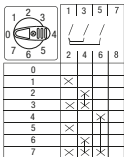
### OC\_AV



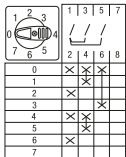
# Ordering information

## Rotary cam switches

OC\_B070



OC\_B071

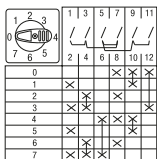


### Binarycode switches

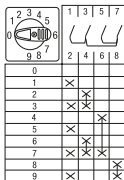
The handle and front plate with position indication are included according to the table below.  
The type and the order number are for one piece.

With 0-position, step angle 30° / 45°

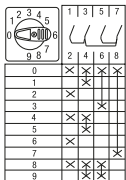
OC\_B072



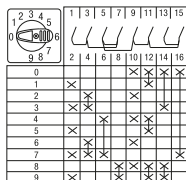
OC\_B090



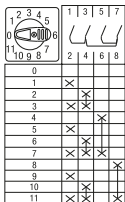
OC\_B091



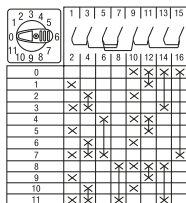
OC\_B092



OC\_B110



OC\_B112



Function	contacts	Rated Number thermal of current $I_{th}$ [A]	Type	Order number	Delivery Weight/ batch unit [pcs]	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\*



### 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.

OC25GPNB\*



OC25GPNG\*



Colour	For cam switches	Type	Order number	Delivery Weight/	
				batch [pcs]	unit [kg]

### Snap on mounted nose handle without front plate

The front frame is the same colour as handle.

OC25GPMB\*



OC25GPMG\*



#### 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

OC25GPEB\*



OC25GPEG\*



### Snap on mounted extended handle without front plate

The front frame is the same colour as handle.

OC25GPFB\*



OC25GPFG\*



#### 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.

OCGADR



Black	OC25_	OCGADR	1SCA126737R1001	10	0.01
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Cam switches with padlockable handles can be configured 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 Weight/	
				batch	unit
				[pcs]	[kg]

### Snap on mounted nose handle with round front ring

The round front ring is the same colour as handle.

<b>Front ring size Ø 30 mm</b>					
Black	OC10_	OC10GPXB	1SCA126685R1001	5	0.02
Grey	OC10_	OC10GPXG	1SCA126686R1001	5	0.02
<b>Front ring size Ø 39 mm</b>					
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.

<b>Front cover size 45x53 mm</b>					
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 Weight/ batch unit [pcs] [kg]
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### 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 configured 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]
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#### Front plates without frame, without engraving

##### Size 32x32 mm

Silver	OC10_	OC10GFP32S	1SCA126709R1001	10	0.003
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##### Size 51x51 mm

Silver	OC25_	OC25GFP51S	1SCA126710R1001	10	0.003
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Yellow	OC25_	OC25GFP51Y	1SCA126711R1001	10	0.003
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##### Size 66x66 mm

Silver	OC25_	OC25GFP66S	1SCA126712R1001	10	0.003
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Yellow	OC25_	OC25GFP66Y	1SCA126713R1001	10	0.003
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### 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]
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#### Additional lettering plates with frame, without engraving

##### Suitable for handles with 32x32 mm front frame

Black frame	OC10_	OC10GLP32B	1SCA126714R1001	5	0.01
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Grey frame	OC10_	OC10GLP32G	1SCA126715R1001	5	0.01
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##### Suitable for handles with 51x51 mm front frame

Black frame	OC25_	OC25GLP51B	1SCA126716R1001	5	0.01
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Grey frame	OC25_	OC25GLP51G	1SCA126717R1001	5	0.01
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##### Suitable for handles with 66x66 mm front frame

Black frame	OC25_	OC25GLP66B	1SCA126718R1001	10	0.01
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Grey frame	OC25_	OC25GLP66G	1SCA126719R1001	10	0.01
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##### Suitable for round padlockable type handle size 66x66 mm

Black frame	OC25_	OC25GLPRPB	1SCA126787R1001	10	0.01
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Grey frame	OC25_	OC25GLPRPG	1SCA126721R1001	10	0.01
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# 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 Weight/	
				batch [pcs]	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 Weight/	
				batch [pcs]	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 Weight/	
					batch [pcs]	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

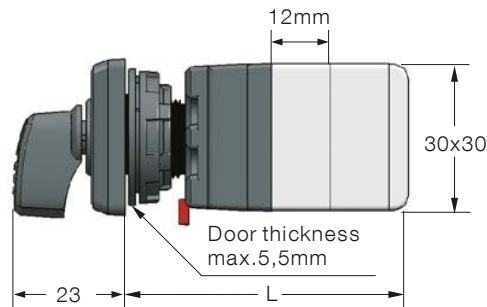
For proper tightening the nut of snap-on mounted handle.

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

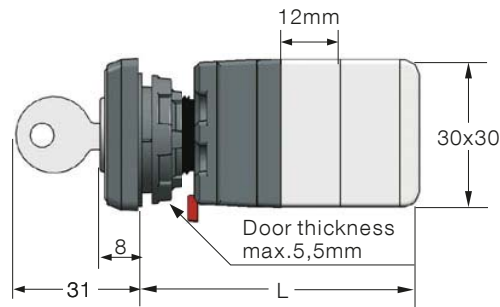
# Dimension drawings

## OC10\_

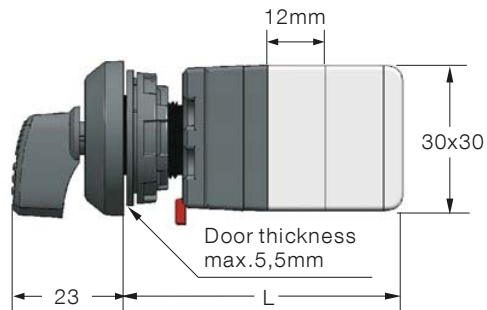
### Door mounting



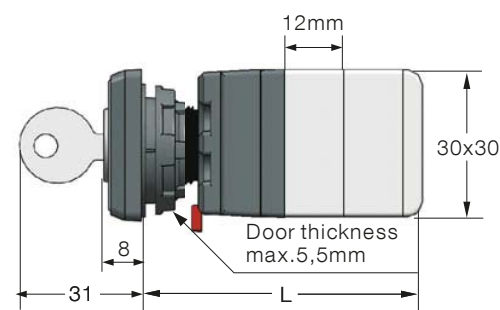
Snap-on mounting



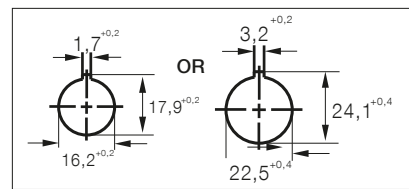
Snap-on mounting\_key operated



Snap-on mounting\_round front ring

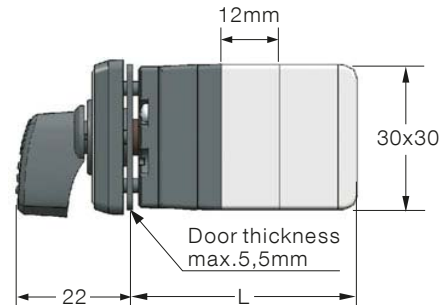


Snap-on mounting\_key operated with round front ring

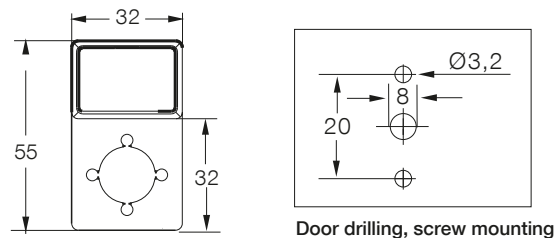


Door drilling, snap-on mounting\*

\* 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



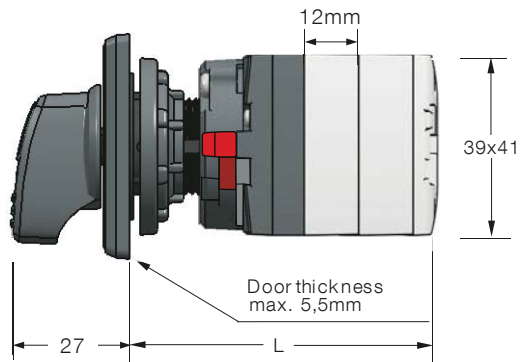
Door drilling, screw mounting

		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

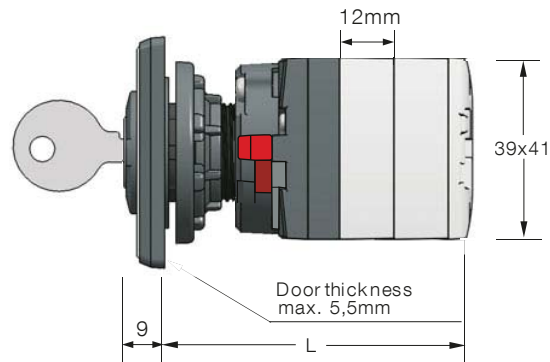
# Dimension drawings

## OC25\_

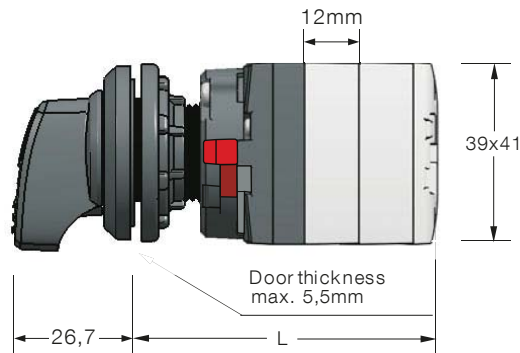
### Door mounting



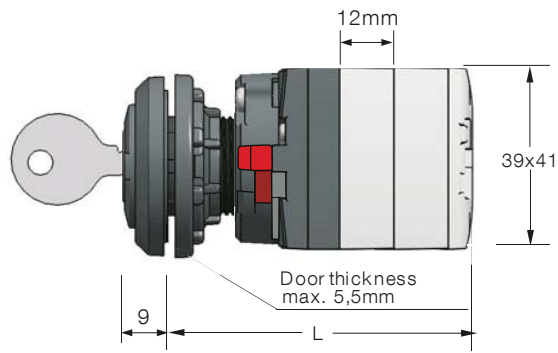
Snap-on mounting



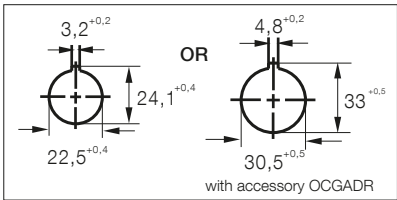
Snap-on mounting\_key operated



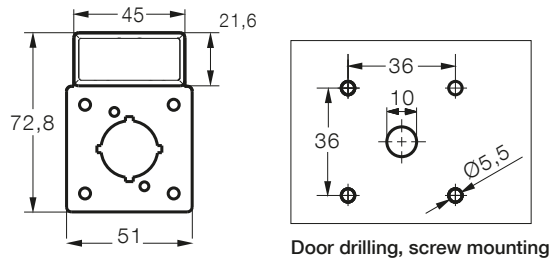
Snap-on mounting\_round front ring



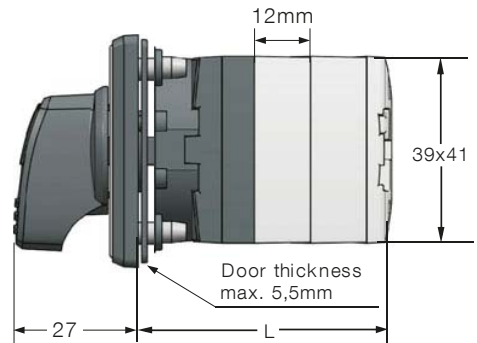
Key operated with round front ring



Door drilling, snap-on mounting\*



Door drilling, screw mounting



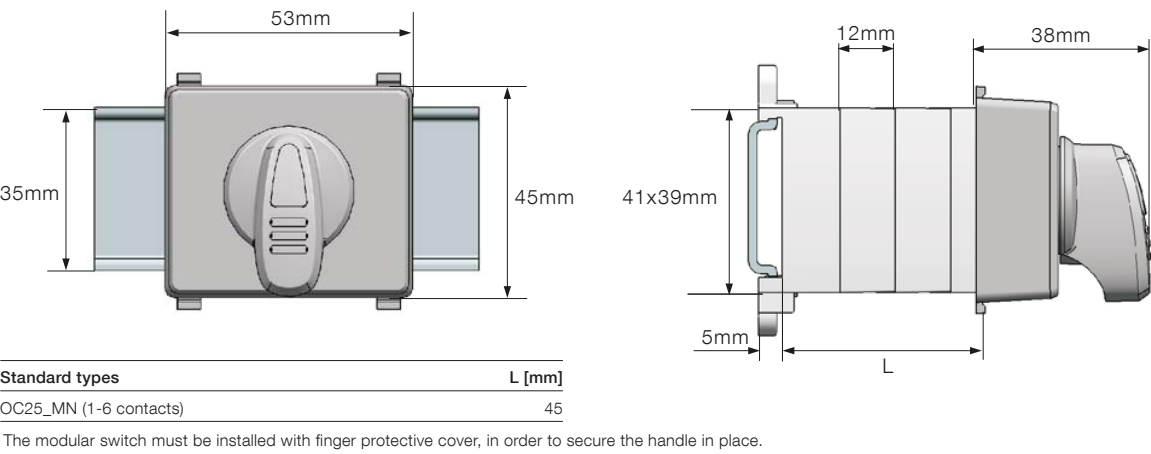
Screw mounting type

		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

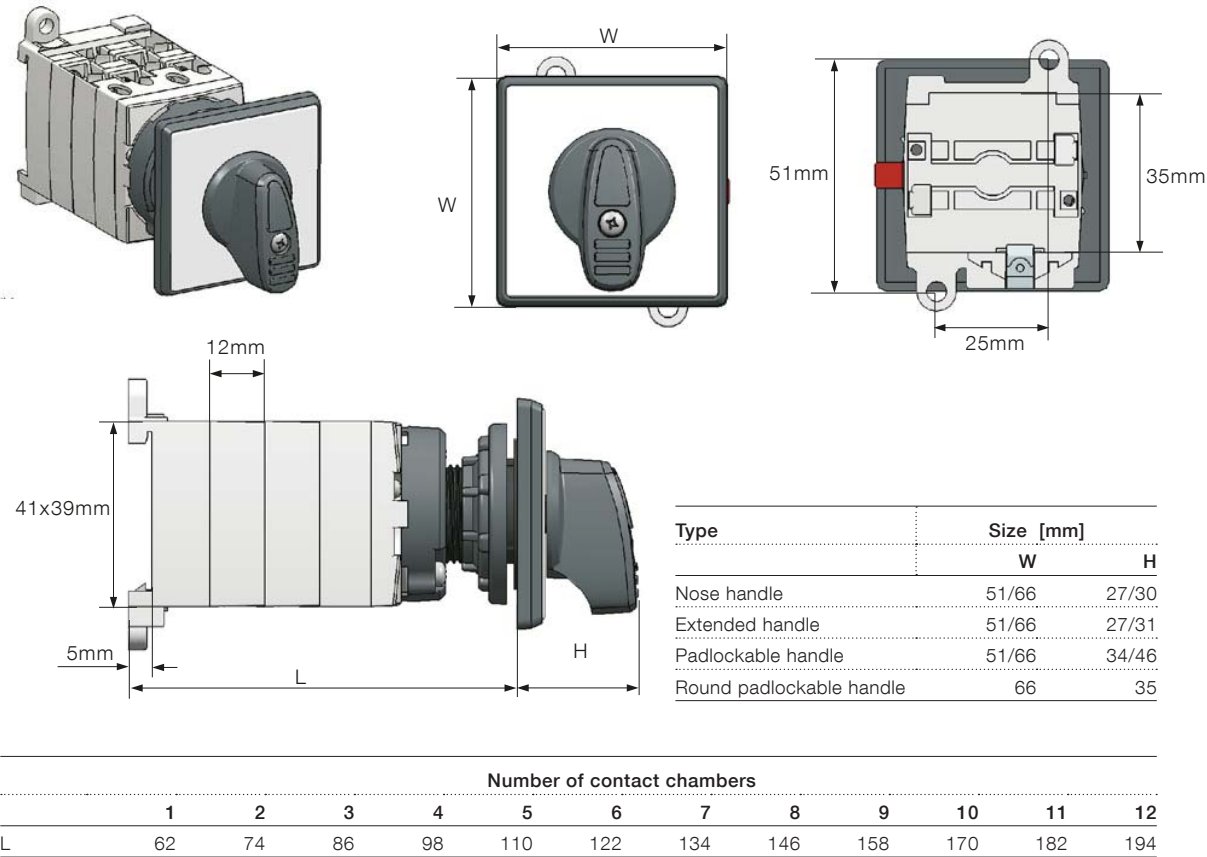
# Dimension drawings

## OC25\_

### Modular mounting on DIN-rail



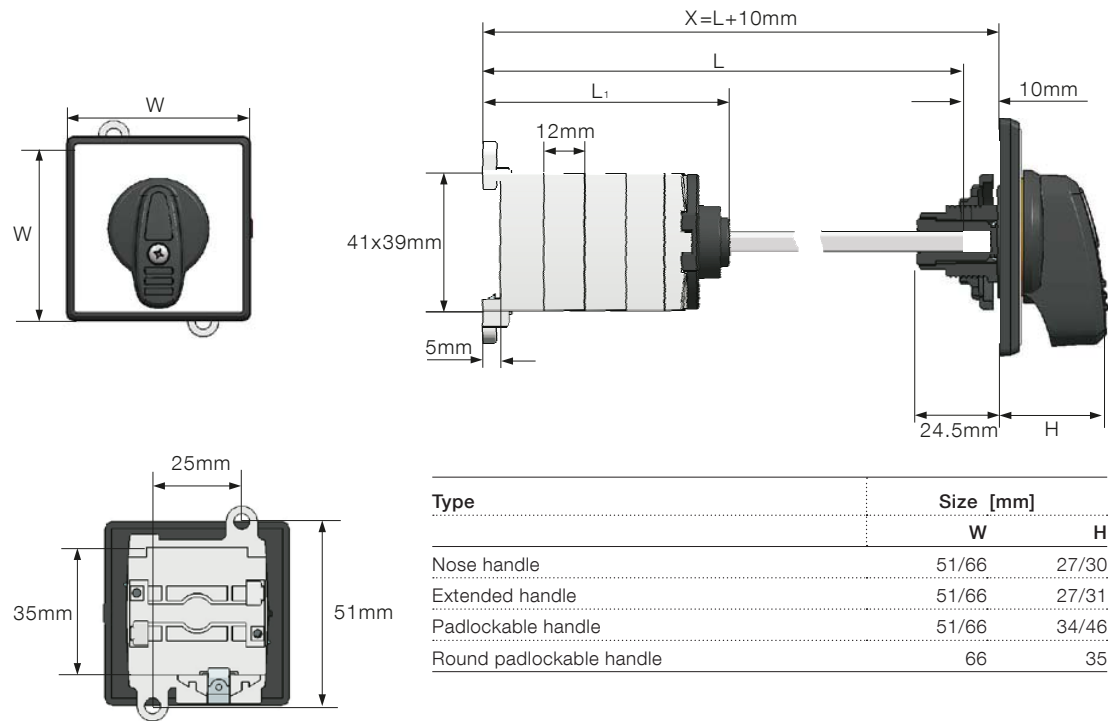
### Base mounting with direct and snap-on handle (via CamWeb2)



# Dimension drawings

## OC25\_

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

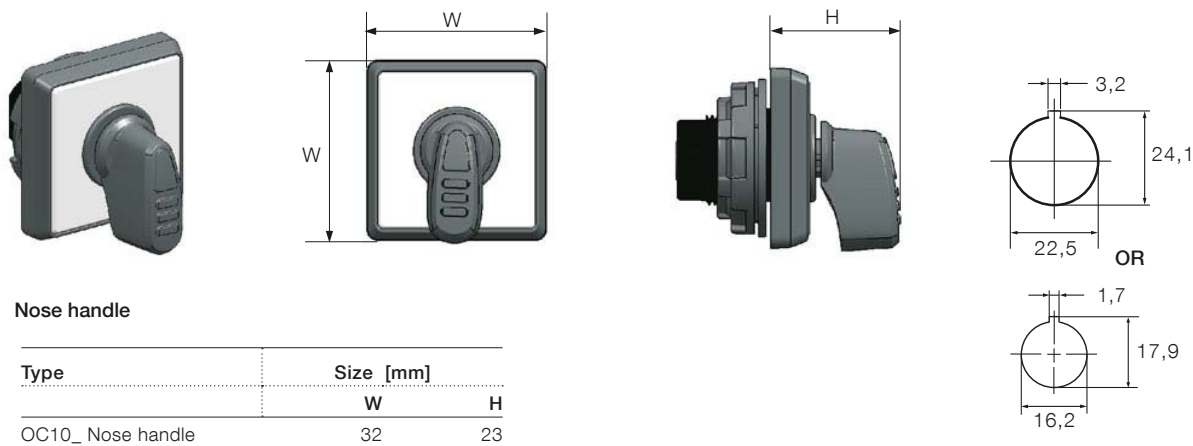


Number of contact chambers/Example:Shaft length 220mm												
	1	2	3	4	5	6	7	8	9	10	11	12
X	268	280	292	304	316	328	340	352	364	376	388	400
L	258	270	282	294	306	318	330	342	354	366	378	390
L1	48.5	60.5	72.5	84.5	96.5	108.5	120.5	132.5	144.5	156.5	168.5	180.5

# Dimension drawings

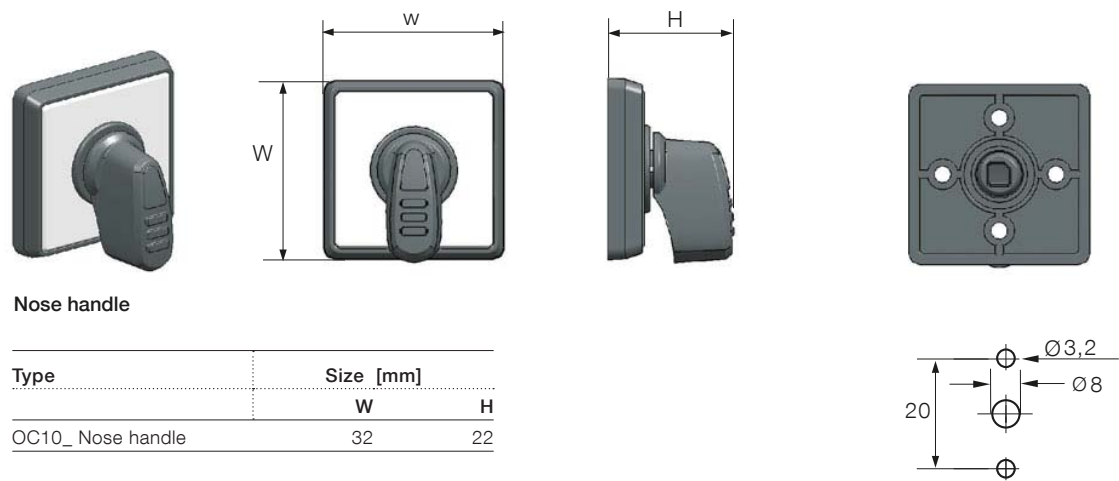
## Handles, OC10\_

### Snap-on mounting\*



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

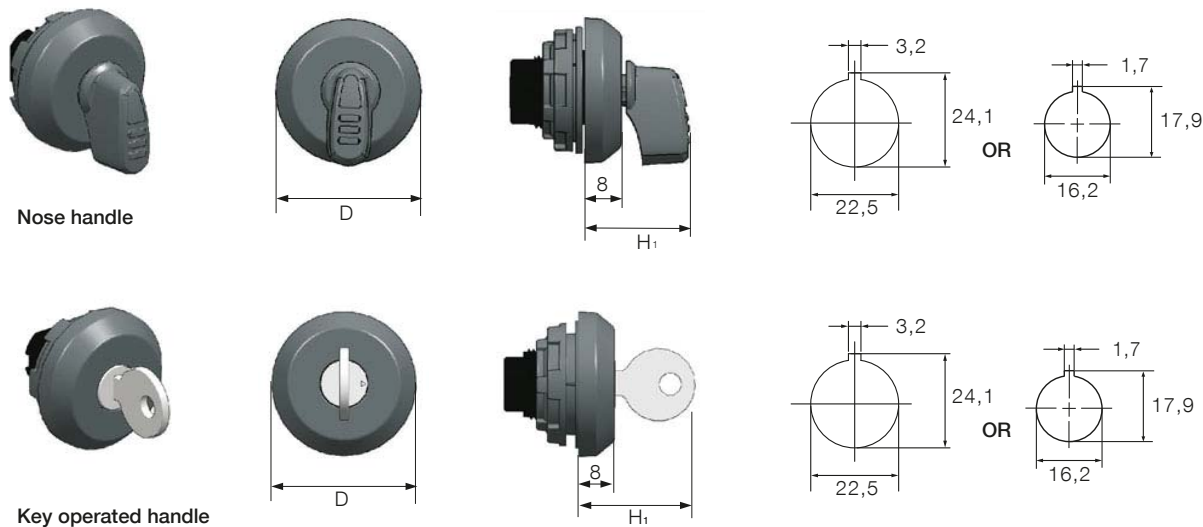
### Screw mounting



# Dimension drawings

## Handles, OC10\_

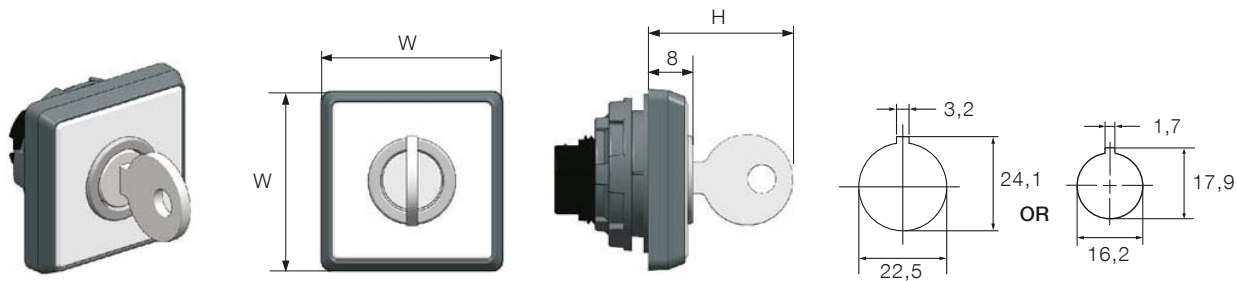
### Round front ring\*



Type	Size [mm]	
	H <sub>1</sub>	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\*



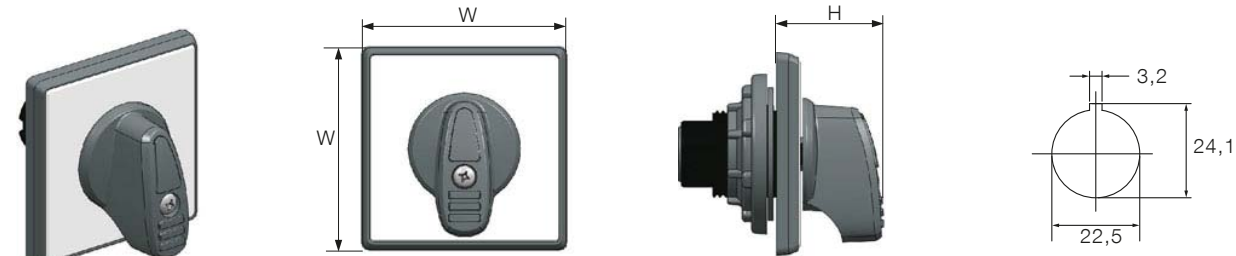
Type	Size [mm]	
	W	H
OC10_ Key operated handle	32	31

\* 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



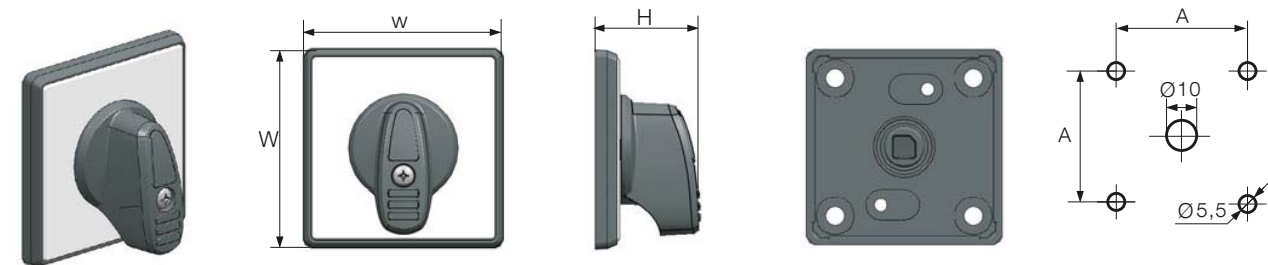
Nose handle



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

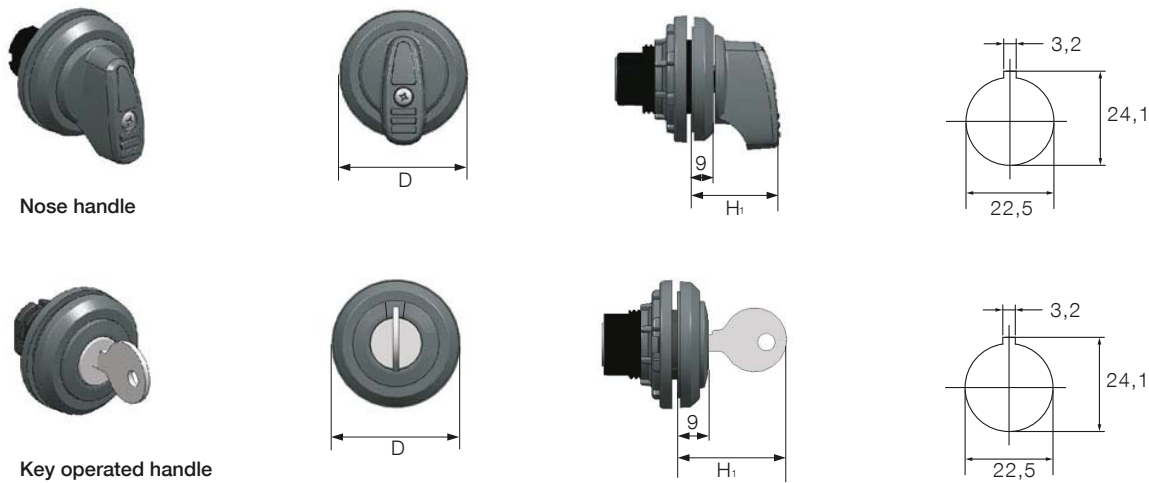
Type	Size [mm]		
	W	H	A
OC25_ Nose handle	51/66	27/30	36/48
OC25_ Extended handle	51/66	27/31	36/48



# Dimension drawings

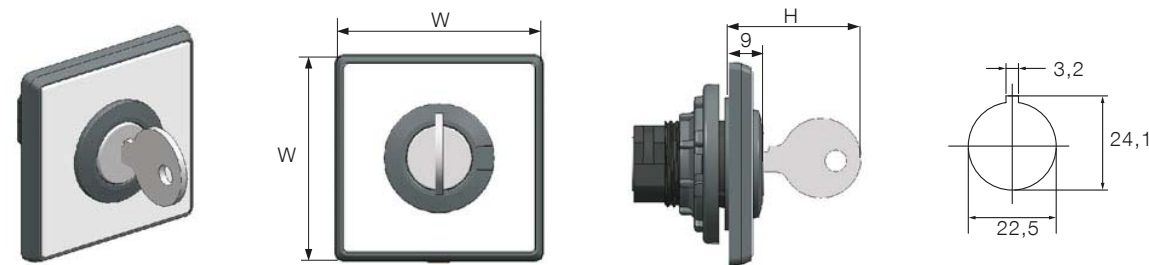
## Handles, OC25\_

### Round front ring



Type	Size [mm]	
	H <sub>1</sub>	D
OC25_ Nose handle	27	39
OC25_ Key operated handle	32	39

### Snap-on key operated

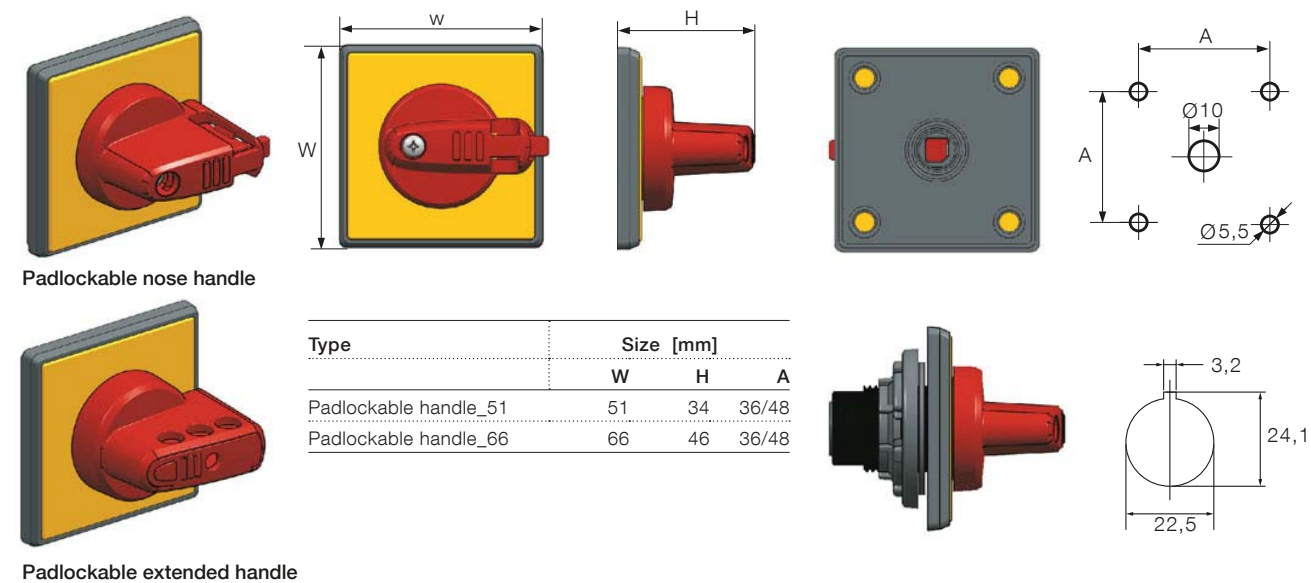


Type	Size [mm]	
	W	H
OC25_ Key operated handle	51/66	32

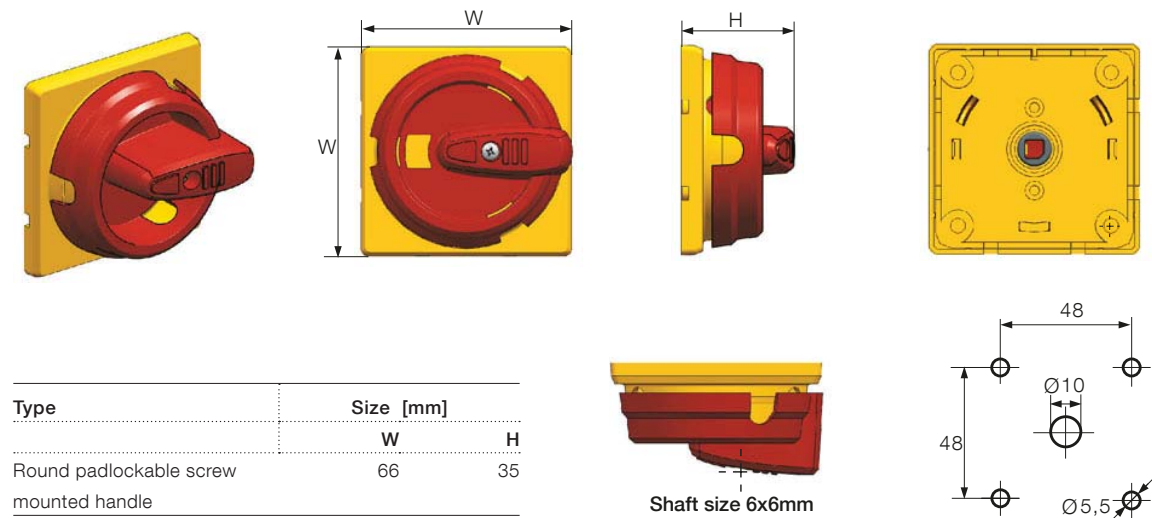
# Dimension drawings

## Handles, OC25\_

### Padlockable (via CamWeb2)



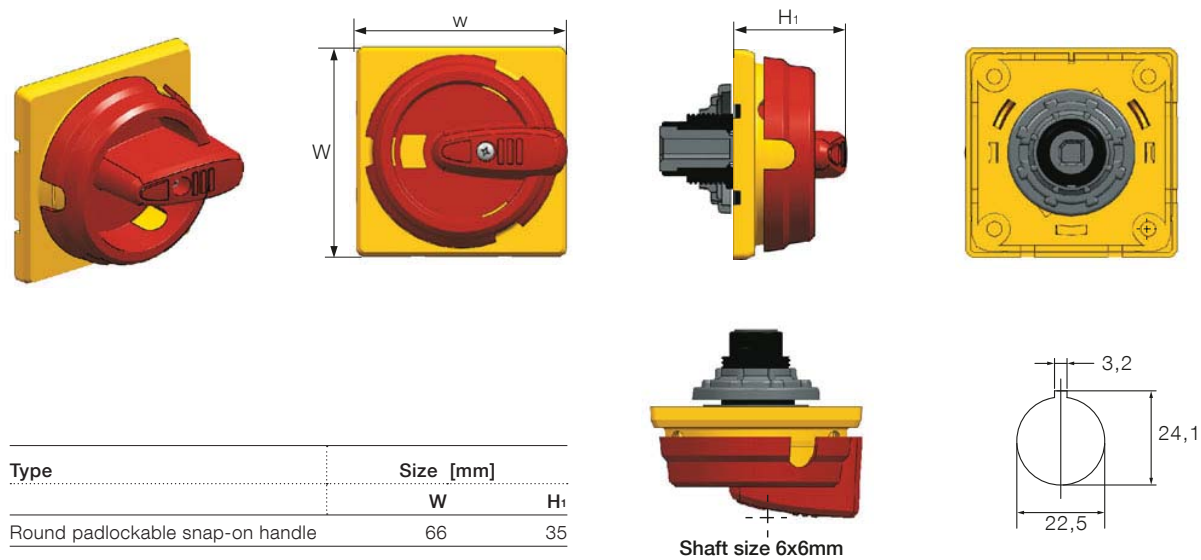
### Round padlockable screw mounted (via CamWeb2)



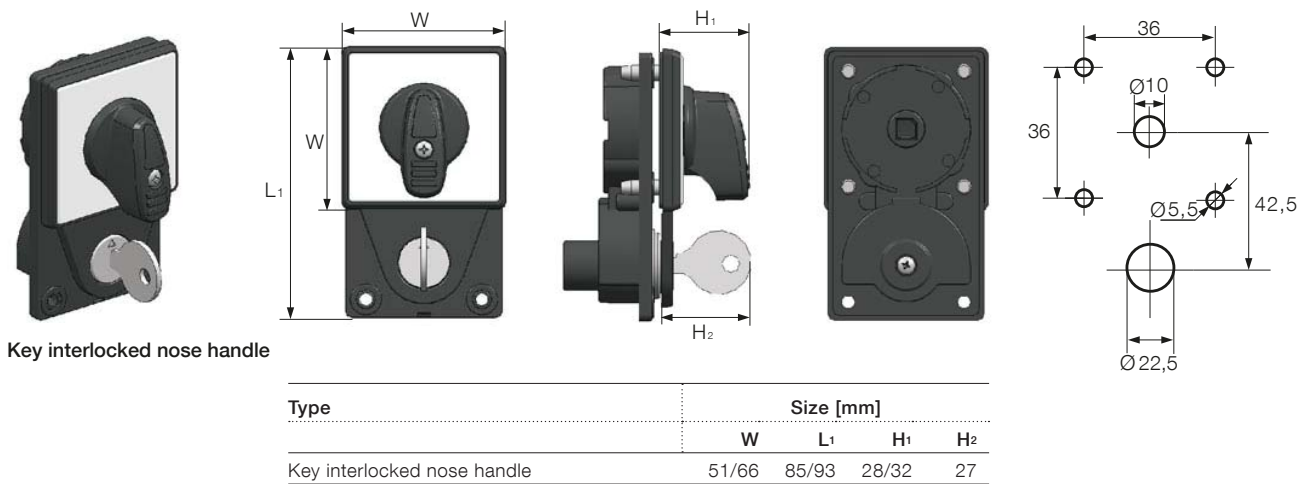
# Dimension drawings

## Handles, OC25\_

Round padlockable snap-on (via CamWeb2)



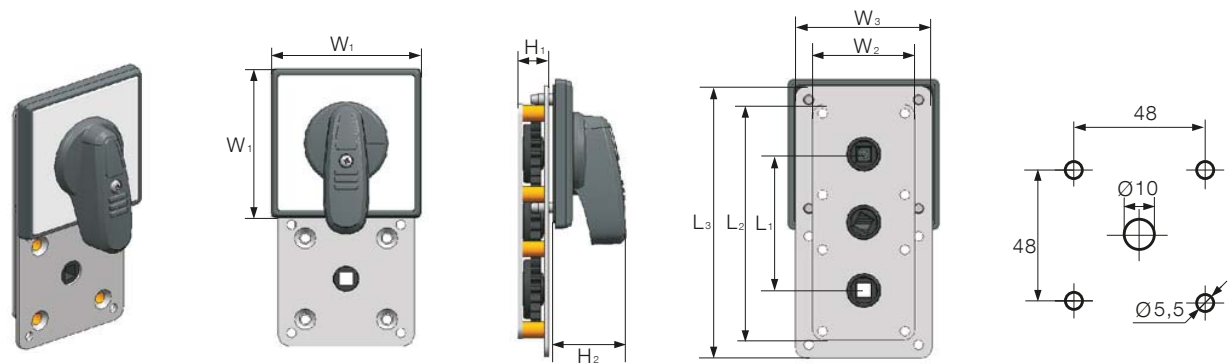
Key interlocked (via CamWeb2)



# Dimension drawings

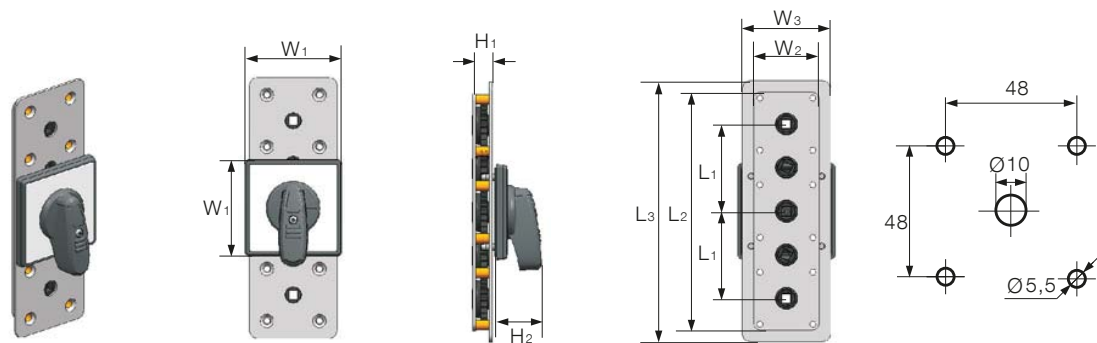
## Handles, OC25\_

Double gang (Tandem) drive (via CamWeb2)



Type	Size [mm]							
	W <sub>1</sub>	W <sub>2</sub>	W <sub>3</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	H <sub>1</sub>	H <sub>2</sub>
Double gang drive handle	66	45	60	60	104	120	13.5	31

Triple gang drive (via CamWeb2)



Type	Size [mm]							
	W <sub>1</sub>	W <sub>2</sub>	W <sub>3</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	H <sub>1</sub>	H <sub>2</sub>
Triple gang drive handle	66	45	60	60	164	180	13.5	31

# Index

Type	Order number	Description	Page
OC10G01KNBN00NA01	1SCA126466R1001	ON - OFF switch	11
OC10G01KNBN00NA1	1SCA126420R1001	ON - OFF switch	10
OC10G01PNBN00NA01	1SCA126467R1001	ON - OFF switch	11
OC10G01PNBN00NA1	1SCA126421R1001	ON - OFF switch	10
OC10G02KNBN00NU1	1SCA126486R1001	Change-over switch	12
OC10G02PNBN00NA02	1SCA126468R1001	ON - OFF switch	11
OC10G02PNBN00NA2	1SCA126423R1001	ON - OFF switch	10
OC10G02PNBN00NSA2	1SCA126635R1001	Stop switch	24
OC10G02PNBN00NSE15	1SCA126632R1001	Pumpstart switch	24
OC10G02PNBN00NSE2	1SCA126643R1001	Start switch	24
OC10G02PNBN00NSEA0	1SCA126638R1001	Start switch	24
OC10G02PNBN00NSO21	1SCA126551R1001	Multistep switch	16
OC10G02PNBN00NU1	1SCA126487R1001	Change-over switch	12
OC10G02PNBN00NURR1	1SCA126509R1001	Change-over switch	13
OC10G02PNBN00NWC1	1SCA126537R1001	Change-over switch	14
OC10G02PNBN00NWS1	1SCA126517R1001	Change-over switch	13
OC10G03KNBN00NA03	1SCA126469R1001	ON - OFF switch	11
OC10G03KNBN00NA3	1SCA126425R1001	ON - OFF switch	10
OC10G03PNBN00NA03	1SCA126470R1001	ON - OFF switch	11
OC10G03PNBN00NA3	1SCA126426R1001	ON - OFF switch	10
OC10G03PNBN00NSO31	1SCA126564R1001	Multistep switch	17
OC10G03PNBN00NST31	1SCA126575R1001	Multistep switch	17
OC10G04PNBN00NA04	1SCA126471R1001	ON - OFF switch	11
OC10G04PNBN00NA4	1SCA126427R1001	ON - OFF switch	10
OC10G04PNBN00NSO22	1SCA126552R1001	Multistep switch	16
OC10G04PNBN00NSO41	1SCA126586R1001	Multistep switch	18
OC10G04PNBN00NST30	1SCA126625R1001	Ventilation switch	23
OC10G04PNBN00NST41	1SCA126592R1001	Multistep switch	18
OC10G04PNBN00NU2	1SCA126488R1001	Change-over switch	12
OC10G04PNBN00NV3	1SCA126650R1001	Voltmeter switch	25
OC10G04PNBN00NV3	1SCA126647R1001	Voltmeter switch	25
OC10G04PNBN00NWC2	1SCA126538R1001	Change-over switch	14
OC10G04PNBN00NWS2	1SCA126518R1001	Change-over switch	13
OC10G05PNBN00NA05	1SCA126472R1001	ON - OFF switch	11
OC10G05PNBN00NA5	1SCA126428R1001	ON - OFF switch	10
OC10G05PNBN00NSO51	1SCA126600R1001	Multistep switch	19
OC10G05PNBN00NST51	1SCA126604R1001	Multistep switch	19
OC10G06KNBN00NU3	1SCA126489R1001	Change-over switch	12
OC10G06PNBN00NA06	1SCA126473R1001	ON - OFF switch	11
OC10G06PNBN00NA6	1SCA126429R1001	ON - OFF switch	10
OC10G06PNBN00NAU31	1SCA126665R1001	Ammeter switch	27
OC10G06PNBN00NSO23	1SCA126553R1001	Multistep switch	16
OC10G06PNBN00NSO32	1SCA126565R1001	Multistep switch	17
OC10G06PNBN00NST32	1SCA126576R1001	Multistep switch	17
OC10G06PNBN00NU3	1SCA126490R1001	Change-over switch	12
OC10G06PNBN00NURR3	1SCA126510R1001	Change-over switch	13
OC10G06PNBN00NV30	1SCA126658R1001	Voltmeter switch	26
OC10G06PNBN00NV30	1SCA126655R1001	Voltmeter switch	25
OC10G06PNBN00NWC3	1SCA126539R1001	Change-over switch	14
OC10G06PNBN00NWS3	1SCA126519R1001	Change-over switch	13
OC10G08PNBN00NSO24	1SCA126554R1001	Multistep switch	16
OC10G08PNBN00NSO42	1SCA126587R1001	Multistep switch	18
OC10G08PNBN00NST42	1SCA126593R1001	Multistep switch	18
OC10G08PNBN00NU4	1SCA126491R1001	Change-over switch	12
OC10G08PNBN00NV32	1SCA126663R1001	Voltmeter switch	26
OC10G08PNBN00NWC4	1SCA126540R1001	Change-over switch	14
OC10G08PNBN00NWS4	1SCA126520R1001	Change-over switch	13
OC10G09PNBN00NSO33	1SCA126566R1001	Multistep switch	17
OC10G09PNBN00NST33	1SCA126577R1001	Multistep switch	17
OC10G10PNBN00NSO52	1SCA126601R1001	Multistep switch	19

Type	Order number	Description	Page
OC10G10PNBN00NST52	1SCA126605R1001	Multistep switch	19
OC10G12PNBN00NSO34	1SCA126567R1001	Multistep switch	17
OC10G12PNBN00NSO43	1SCA126588R1001	Multistep switch	18
OC10G12PNBN00NST34	1SCA126578R1001	Multistep switch	17
OC10G12PNBN00NST43	1SCA126594R1001	Multistep switch	18
OC10GFP32S	1SCA126709R1001	Front plate	32
OC10GJM	1SCA126725R1001	Connection jumper	33
OC10GJS	1SCA126727R1001	Connection jumper	33
OC10GJW1	1SCA126728R1001	Connection jumper	33
OC10GJZ	1SCA126726R1001	Connection jumper	33
OC10GLP32B	1SCA126714R1001	Additional lettering plate	32
OC10GLP32G	1SCA126715R1001	Additional lettering plate	32
OC10GPNB	1SCA126687R1001	Snap-on mounted handle	29
OC10GPNG	1SCA126684R1001	Snap-on mounted handle	29
OC10GPXB	1SCA126685R1001	Snap-on mounted handle	30
OC10GPXG	1SCA126686R1001	Snap-on mounted handle	30
OC10GR455	1SCA126722R1001	Spare key	33
OC10GRNB	1SCA126688R1001	Srew mounted handle	31
OC10GRNG	1SCA126689R1001	Srew mounted handle	31
OC25G01KNBN00NA01	1SCA126474R1001	ON - OFF switch	11
OC25G01KNBN00NA1	1SCA126430R1001	ON - OFF switch	10
OC25G01KXBN00NA1	1SCA126431R1001	ON - OFF switch	10
OC25G01MNGN00NA01	1SCA126475R1001	ON - OFF switch	11
OC25G01MNGN00NA1	1SCA126432R1001	ON - OFF switch	10
OC25G01PNBN00NA01	1SCA126476R1001	ON - OFF switch	11
OC25G01PNBN00NA1	1SCA126433R1001	ON - OFF switch	10
OC25G01PXB00NA1	1SCA126435R1001	ON - OFF switch	10
OC25G01RNB00NA1	1SCA126436R1001	ON - OFF switch	10
OC25G02KNBN00NU1	1SCA126492R1001	Change-over switch	12
OC25G02KXBN00NA2	1SCA126437R1001	ON - OFF switch	10
OC25G02MNGN00NA02	1SCA126477R1001	ON - OFF switch	11
OC25G02MNGN00NA2	1SCA126439R1001	ON - OFF switch	10
OC25G02MNGN00NSE15	1SCA126633R1001	Pumpstart switch	24
OC25G02MNGN00NSEA0	1SCA126639R1001	Start switch	24
OC25G02MNGN00NSO21	1SCA126555R1001	Multistep switch	16
OC25G02MNGN00NU1	1SCA126493R1001	Change-over switch	12
OC25G02MNGN00NURR1	1SCA126511R1001	Change-over switch	13
OC25G02MNGN00NWS1	1SCA126521R1001	Change-over switch	13
OC25G02PNBN00NA02	1SCA126478R1001	ON - OFF switch	11
OC25G02PNBN00NA2	1SCA126440R1001	ON - OFF switch	10
OC25G02PNBN00NSA2	1SCA126636R1001	Stop switch	24
OC25G02PNBN00NSE15	1SCA126634R1001	Pumpstart switch	24
OC25G02PNBN00NSE2	1SCA126644R1001	Start switch	24
OC25G02PNBN00NSEA0	1SCA126640R1001	Start switch	24
OC25G02PNBN00NSEA1	1SCA126637R1001	Start switch	24
OC25G02PNBN00NSO21	1SCA126556R1001	Multistep switch	16
OC25G02PNBN00NU1	1SCA126494R1001	Change-over switch	12
OC25G02PNBN00NURR1	1SCA126512R1001	Change-over switch	13
OC25G02PNBN00NWC1	1SCA126541R1001	Change-over switch	14
OC25G02PNBN00NWS1	1SCA126522R1001	Change-over switch	13
OC25G02PXB00NA2	1SCA126441R1001	ON - OFF switch	10
OC25G02PXB00NSEA0	1SCA126641R1001	Start switch	24
OC25G02PXB00NSO21	1SCA126557R1001	Multistep switch	16
OC25G02PXB00NU1	1SCA126495R1001	Change-over switch	12
OC25G02PXB00NWS1	1SCA126523R1001	Change-over switch	13
OC25G02RNB00NA2	1SCA126442R1001	ON - OFF switch	10
OC25G02RNB00NSEA0	1SCA126642R1001	Start switch	24
OC25G02RNB00NSO21	1SCA126558R1001	Multistep switch	16
OC25G02RNB00NU1	1SCA126496R1001	Change-over switch	12
OC25G02RNB00NWS1	1SCA126524R1001	Change-over switch	13

Type	Order number	Description	Page
OC25G03KBNB00NA03	1SCA126479R1001	ON - OFF switch	11
OC25G03KBNB00NA3	1SCA126444R1001	ON - OFF switch	10
OC25G03KXBN00NA3	1SCA126446R1001	ON - OFF switch	10
OC25G03MNGN00NA03	1SCA126480R1001	ON - OFF switch	11
OC25G03MNGN00NA3	1SCA126447R1001	ON - OFF switch	10
OC25G03MNGN00NSO31	1SCA126568R1001	Multistep switch	17
OC25G03MNGN00NST31	1SCA126579R1001	Multistep switch	17
OC25G03MNGN00NUR13	1SCA126645R1001	Start switch	24
OC25G03PNBN00NA03	1SCA126481R1001	ON - OFF switch	11
OC25G03PNBN00NA3	1SCA126448R1001	ON - OFF switch	10
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
OC25G03PXB00NA3	1SCA126450R1001	ON - OFF switch	10
OC25G03PXB00NSO31	1SCA126570R1001	Multistep switch	17
OC25G03PXB00NST31	1SCA126581R1001	Multistep switch	17
OC25G03RNB00NA3	1SCA126451R1001	ON - OFF switch	10
OC25G03RNB00NSO31	1SCA126571R1001	Multistep switch	17
OC25G03RNB00NST31	1SCA126582R1001	Multistep switch	17
OC25G04MNGN00NST30	1SCA126626R1001	Ventilation switch	23
OC25G04MNGN00NU2	1SCA126497R1001	Change-over switch	12
OC25G04MNGN00NV3	1SCA126651R1001	Voltmeter switch	25
OC25G04MNGN00NVN3	1SCA126648R1001	Voltmeter switch	25
OC25G04MNGN00NWS2	1SCA126525R1001	Change-over switch	13
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
OC25G04PNBN00NST41	1SCA126595R1001	Multistep switch	18
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
OC25G04PXB00NA4	1SCA126454R1001	ON - OFF switch	10
OC25G04PXB00NSO22	1SCA126560R1001	Multistep switch	16
OC25G04PXB00NST41	1SCA126596R1001	Multistep switch	18
OC25G04PXB00NU2	1SCA126499R1001	Change-over switch	12
OC25G04PXB00NURR2	1SCA126514R1001	Change-over switch	13
OC25G04PXB00NV3	1SCA126653R1001	Voltmeter switch	25
OC25G04PXB00NWS2	1SCA126527R1001	Change-over switch	13
OC25G04RNB00NA4	1SCA126455R1001	ON - OFF switch	10
OC25G04RNB00NSO22	1SCA126561R1001	Multistep switch	16
OC25G04RNB00NST41	1SCA126597R1001	Multistep switch	18
OC25G04RNB00NU2	1SCA126500R1001	Change-over switch	12
OC25G04RNB00NURR2	1SCA126515R1001	Change-over switch	13
OC25G04RNB00NV3	1SCA126654R1001	Voltmeter switch	25
OC25G04RNB00NWS2	1SCA126528R1001	Change-over switch	13
OC25G05PNBN00NA05	1SCA126483R1001	ON - OFF switch	11
OC25G05PNBN00NA5	1SCA126456R1001	ON - OFF switch	10
OC25G05PNBN00NSO51	1SCA126602R1001	Multistep switch	19
OC25G05PNBN00NST51	1SCA126606R1001	Multistep switch	19
OC25G05PNBN00NW3	1SCA126629R1001	Reversing switch	23
OC25G06KBNB00NU3	1SCA126501R1001	Change-over switch	12
OC25G06MNGN00NA06	1SCA126484R1001	ON - OFF switch	11
OC25G06MNGN00NA6	1SCA126458R1001	ON - OFF switch	10
OC25G06MNGN00NAU31	1SCA126666R1001	Ammeter switch	27
OC25G06MNGN00NU3	1SCA126502R1001	Change-over switch	12
OC25G06MNGN00NV30	1SCA126659R1001	Voltmeter switch	26
OC25G06MNGN00NVN30	1SCA126656R1001	Voltmeter switch	25
OC25G06MNGN00NWS3	1SCA126529R1001	Change-over switch	13
OC25G06PNBN00NA06	1SCA126485R1001	ON - OFF switch	11
OC25G06PNBN00NA6	1SCA126459R1001	ON - OFF switch	10
OC25G06PNBN00NAU31	1SCA126667R1001	Ammeter switch	27

Type	Order number	Description	Page
OC25G06PNBN00NB072	1SCA126678R1001	Binarycode switch	28
OC25G06PNBN00NSO23	1SCA126562R1001	Multistep switch	16
OC25G06PNBN00NSO32	1SCA126572R1001	Multistep switch	17
OC25G06PNBN00NSO61	1SCA126608R1001	Multistep switch	20
OC25G06PNBN00NST32	1SCA126583R1001	Multistep switch	17
OC25G06PNBN00NST61	1SCA126611R1001	Multistep switch	20
OC25G06PNBN00NU3	1SCA126503R1001	Change-over switch	12
OC25G06PNBN00NUC3	1SCA126545R1001	Change-over switch	14
OC25G06PNBN00NURR3	1SCA126516R1001	Change-over switch	13
OC25G06PNBN00NV30	1SCA126660R1001	Voltmeter switch	26
OC25G06PNBN00NVN30	1SCA126657R1001	Voltmeter switch	25
OC25G06PNBN00NWC3	1SCA126543R1001	Change-over switch	14
OC25G06PNBN00NWS3	1SCA126530R1001	Change-over switch	13
OC25G06PXB00NAU31	1SCA126668R1001	Ammeter switch	27
OC25G06PXB00NU3	1SCA126504R1001	Change-over switch	12
OC25G06PXB00NV30	1SCA126661R1001	Voltmeter switch	26
OC25G06PXB00NWS3	1SCA126531R1001	Change-over switch	13
OC25G06RNB00NAU31	1SCA126669R1001	Ammeter switch	27
OC25G06RNB00NU3	1SCA126505R1001	Change-over switch	12
OC25G06RNB00NV30	1SCA126662R1001	Voltmeter switch	26
OC25G06RNB00NWS3	1SCA126532R1001	Change-over switch	13
OC25G07PNBN00NSO71	1SCA126614R1001	Multistep switch	21
OC25G07PNBN00NST71	1SCA126615R1001	Multistep switch	21
OC25G08PNBN00NA8	1SCA126461R1001	ON - OFF switch	10
OC25G08PNBN00NB092	1SCA126679R1001	Binarycode switch	28
OC25G08PNBN00NB112	1SCA126680R1001	Binarycode switch	28
OC25G08PNBN00NP12	1SCA126631R1001	Pole-change switch	23
OC25G08PNBN00NSD	1SCA126630R1001	Star-delta switch	23
OC25G08PNBN00NSO24	1SCA126563R1001	Multistep switch	16
OC25G08PNBN00NSO42	1SCA126590R1001	Multistep switch	18
OC25G08PNBN00NSO81	1SCA126616R1001	Multistep switch	21
OC25G08PNBN00NST42	1SCA126598R1001	Multistep switch	18
OC25G08PNBN00NST81	1SCA126617R1001	Multistep switch	21
OC25G08PNBN00NU4	1SCA126506R1001	Change-over switch	12
OC25G08PNBN00NUC4	1SCA126546R1001	Change-over switch	14
OC25G08PNBN00NV32	1SCA126664R1001	Voltmeter switch	26
OC25G08PNBN00NWC4	1SCA126544R1001	Change-over switch	14
OC25G08PNBN00NWS4	1SCA126533R1001	Change-over switch	13
OC25G08PXB00NU4	1SCA126507R1001	Change-over switch	12
OC25G08PXB00NWS4	1SCA126534R1001	Change-over switch	13
OC25G08RNB00NU4	1SCA126508R1001	Change-over switch	12
OC25G08RNB00NWS4	1SCA126535R1001	Change-over switch	13
OC25G09PNBN00NPW36	1SCA126549R1001	Bypass switch	15
OC25G09PNBN00NSO33	1SCA126573R1001	Multistep switch	17
OC25G09PNBN00NSO91	1SCA126618R1001	Multistep switch	21
OC25G09PNBN00NST33	1SCA126584R1001	Multistep switch	17
OC25G09PNBN00NST91	1SCA126619R1001	Multistep switch	21
OC25G09PNBN00NWS36	1SCA126547R1001	Bypass switch	15
OC25G10PNBN00NAU32	1SCA126670R1001	Ammeter switch	27
OC25G10PNBN00NAV12	1SCA126672R1001	Volt-ammeter switch	27
OC25G10PNBN00NSO10	1SCA126620R1001	Multistep switch	22
OC25G10PNBN00NSO52	1SCA126603R1001	Multistep switch	19
OC25G10PNBN00NST10	1SCA126621R1001	Multistep switch	22
OC25G10PNBN00NST52	1SCA126607R1001	Multistep switch	19
OC25G10PNBN00NVA21	1SCA126671R1001	Volt-ammeter switch	27
OC25G10PNBN00NWS5	1SCA126536R1001	Change-over switch	13
OC25G11PNBN00NSO11	1SCA126622R1001	Multistep switch	22
OC25G11PNBN00NST11	1SCA126623R1001	Multistep switch	22
OC25G12PNBN00NPW48	1SCA126550R1001	Bypass switch	15
OC25G12PNBN00NSO34	1SCA126574R1001	Multistep switch	17
OC25G12PNBN00NSO43	1SCA126591R1001	Multistep switch	18
OC25G12PNBN00NSO62	1SCA126609R1001	Multistep switch	20
OC25G12PNBN00NST12	1SCA126624R1001	Multistep switch	22
OC25G12PNBN00NST34	1SCA126585R1001	Multistep switch	17
OC25G12PNBN00NST43	1SCA126599R1001	Multistep switch	18
OC25G12PNBN00NST62	1SCA126612R1001	Multistep switch	20
OC25G12PNBN00NWS48	1SCA126548R1001	Bypass switch	15
OC25G18PNBN00NSO63	1SCA126610R1001	Multistep switch	20
OC25G18PNBN00NST63	1SCA126613R1001	Multistep switch	20
OC25GFP51S	1SCA126710R1001	Front plate	32
OC25GFP51Y	1SCA126711R1001	Front plate	32
OC25GFP66S	1SCA126712R1001	Front plate	32



Type	Order number	Description	Page
OC25GFP66Y	1SCA126713R1001	Front plate	32
OC25GJM	1SCA126729R1001	Connection jumper	33
OC25GJS	1SCA126731R1001	Connection jumper	33
OC25GJW1	1SCA126732R1001	Connection jumper	33
OC25GJW2	1SCA126788R1001	Connection jumper	33
OC25GJZ	1SCA126730R1001	Connection jumper	33
OC25GLP51B	1SCA126716R1001	Additional lettering plate	32
OC25GLP51G	1SCA126717R1001	Additional lettering plate	32
OC25GLP66B	1SCA126718R1001	Additional lettering plate	32
OC25GLP66G	1SCA126719R1001	Additional lettering plate	32
OC25GLPRPB	1SCA126787R1001	Additional lettering plate	32
OC25GLPRPG	1SCA126721R1001	Additional lettering plate	32
OC25GMNG	1SCA126708R1001	Snap-on mounted handle	30
OC25GPEB	1SCA126694R1001	Snap-on mounted handle	29
OC25GPEG	1SCA126695R1001	Snap-on mounted handle	29
OC25GPFB	1SCA126696R1001	Snap-on mounted handle	29
OC25GPFG	1SCA126697R1001	Snap-on mounted handle	29
OC25GPMB	1SCA126692R1001	Snap-on mounted handle	29
OC25GPMG	1SCA126693R1001	Snap-on mounted handle	29
OC25GPNB	1SCA126690R1001	Snap-on mounted handle	29
OC25GPNG	1SCA126691R1001	Snap-on mounted handle	29
OC25GPRC14	1SCA126734R1001	Protective rear cover	33
OC25GPRC58	1SCA126735R1001	Protective rear cover	33
OC25GPRC912	1SCA126736R1001	Protective rear cover	33
OC25GPXB	1SCA126698R1001	Snap-on mounted handle	30
OC25GPXG	1SCA126699R1001	Snap-on mounted handle	30
OC25GR455	1SCA126723R1001	Spare key	33
OC25GREB	1SCA126704R1001	Srew mounted handle	31
OC25GREG	1SCA126705R1001	Srew mounted handle	31
OC25GRFB	1SCA126706R1001	Srew mounted handle	31
OC25GRFG	1SCA126707R1001	Srew mounted handle	31
OC25GRMB	1SCA126702R1001	Srew mounted handle	31
OC25GRMG	1SCA126703R1001	Srew mounted handle	31
OC25GRNB	1SCA126700R1001	Srew mounted handle	31
OC25GRNG	1SCA126701R1001	Srew mounted handle	31
OCGADR	1SCA126737R1001	Adaptor ring	29
OCGNST	1SCA126724R1001	Nut spanner tool	33

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