

## Cam switch in enclosure SK20 OB12



### Ordering code

SK 20 -  \

#### Mounting

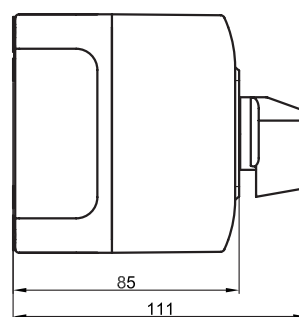
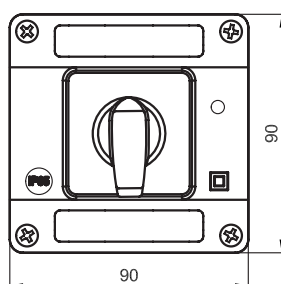
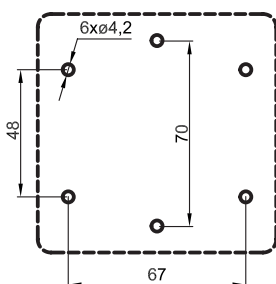
- OB12** in housing OB12
- OB12C** in housing OB12 with yellow-red front
- OB12Z** in housing OB12 with lockable front
- OB12ZC** in housing OB12 with lockable yellow-red front

#### Assembly number

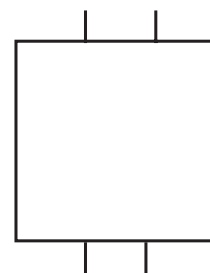
- 1.825** Disconnecter 0-1 (1 - pole)
- 1.828** Disconnecter 0-1 (2 - pole)
- 2.8211** Disconnecter 0-1 (3 - pole)
- 2.8210** Disconnecter 0-1 (4 - pole)
- 3.8220** Disconnecter 0-1 (5 - pole)
- 3.8210** Disconnecter 0-1 (6 - pole)
- 4.8240** Disconnecter 0-1 (7 - pole)
- 4.824** Disconnecter 0-1 (8 - pole)
- 5.8220** Disconnecter 0-1 (9 - pole)
- 5.822** Disconnecter 0-1 (10 - pole)
- 6.8210** Disconnecter 0-1 (11 - pole)
- 6.821** Disconnecter 0-1 (12 - pole)
- 3.8368** Reversing switch L-O-P
- 3.83139** 2-speed switch  
2 separate windings
- 4.8390** 2-speed Dahlander switch
- 4.831** 3-phase starting switch 0-Y-Δ
- 5.8538** 3-phase starting  
reversing switch
- 6.4470** 3-speed Dahlander switch  
single winding for low speed
- 6.4480** 3-speed Dahlander switch  
single winding for medium speed
- 6.4490** 3-speed Dahlander switch  
single winding for high speed
- 4.883** Voltmeter selector switch
- 2.4414** Rotary disconnecter 0-1
- 2.8445** Control switch 0-1-2-3
- 1.834** Disconnecter 1-0-2 (1 - pole)
- 2.8338** Disconnecter 1-0-2 (2 - pole)
- 3.8380** Disconnecter 1-0-2 (3 - pole)
- 4.8396** Disconnecter 1-0-2 (4 - pole)
- 5.8380** Disconnecter 1-0-2 (5 - pole)
- 6.8380** Disconnecter 1-0-2 (6 - pole)

Current  
20 20 A

### Dimensions



Positioning of the holes  
for the glands



### Number of segments in the switch

1 ... 6

### Gland type

M20x1,5

## Technical data

Rated insulation voltage $U_e$	690 V
Rated withstand impulse voltage $U_{imp}$	6 kV
Rated continuous current $I_u=I_{th}$	25 A
Rated operational current $I_e$ for AC-21A, AC-22A	20 A (230/400/500/690 V)
Rated operational power $P_e$ for AC-23A	3.5 kW (230 V) 6 kW (400 V) 7.5 kW (500 V) 10 kW (690 V)
Rated operational power $P_e$ for AC-3	2.5 kW (230 V) 4 kW (400 V) 5 kW (500 V) 7.5 kW (690 V)
Rated operational current $I_e$ for DC-21A	20 A (24 V) 10 A (110 V) 8 A (220 V)
Short-time short-circuit withstand current $I_{cw}(1s)$	0.25 kA
Rated short-circuit making current $I_{cm}$	0.34 kA
Rated conventional short-circuit current	10 kA
Rated current fuse link gG	20 A
Wire gauge	1...4 mm <sup>2</sup>
Tightening torque, terminals	0.5 Nm
Panel mounting	31/□36
Mechanical endurance	3.0 mln (transposition cycles)
Ambient temperature	-40 ... +70°C (work) -40 ... +70°C (storage)
Protection level: PN-EN 60529 to the panel	IP65
Protection level of OB enclosure	IP65
Vibration test (acc. to IEC 60068-2-6)	2...13, 2...100 Hz (frequency) ± 1 mm (acceleration amplitude) ±0.7 g (acceleration amplitude)
Shock test (acc. to IEC 60068-2-27)	15 g (peak acceleration) 11 ms (impulse duration)
Damp heat cyclic test (acc. to IEC 60068-2-30)	55°C (ambient temperature) 95% (relative humidity)
Salt mist cyclic test (acc. to IEC 60068-2-52)	severity 1