

Cam switch in enclosure SK16 OB12



Ordering code

SK 16 - \

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

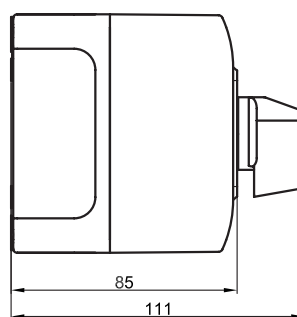
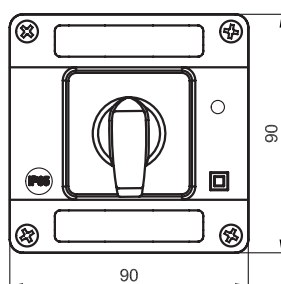
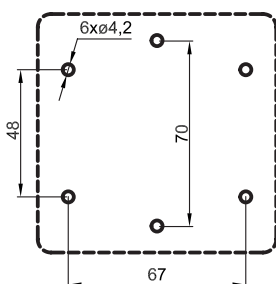
Assembly number

- 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)

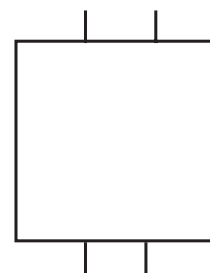
Current

16 16 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 $I_u=I_{th}$ | 20 A |
| Rated operational current I_e for AC-21A, AC-22A | 16 A (230/400/500/690 V) |
| Rated operational power P_e for AC-23A | 3 kW (230 V) 5 kW (400 V) 6 kW (500 V) 8 kW (690 V) |
| Rated operational power P_e for AC-3 | 2 kW (230 V) 3.5 kW (400 V) 4 kW (500 V) 6 kW (690 V) |
| Rated operational current I_e for DC-21A | 16 A (24 V) 8 A (110 V) 6 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 | 16 A |
| Wire gauge | 1...4 mm ² |
| 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 |