Cam switch in enclosure with lamp SK32 OB14L













Ordering code

SK 32 -



Mounting

in housing OB14 with green indicator lamp 230AC

in housing OB14 with yellow-red front and green indicator lamp 230AC in housing OB14 with lockable front and green indicator lamp 230AC in housing OB14 with lockable yellow-red front and green indicator lamp

Assembly number

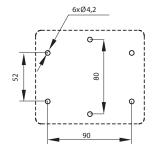
| 1.825 | Disconnector 0-1 (1 - pole |
|--------|----------------------------|
| 1.828 | Disconnector 0-1 (2 - pole |
| 2.8211 | Disconnector 0-1 (3 - pole |
| 2.8210 | Disconnector 0-1 (4 - pole |
| 3.8220 | Disconnector 0-1 (5 - pole |
| 3.8210 | Disconnector 0-1 (6 - pole |
| 4.8240 | Disconnector 0-1 (7 - pole |
| 4.824 | Disconnector 0-1 (8 - pole |
| 5.8220 | Disconnector 0-1 (9 - pole |
| 5.822 | Disconnector 0-1 (10 - pol |
| 6.8210 | Disconnector 0-1 (11 - pol |
| | D: . 0.1/10 |

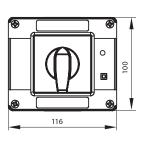
Disconnector 0-1 (11 - pole) Disconnector 0-1 (12 - pole)

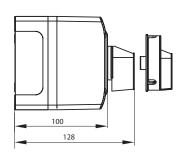
Current **32** A

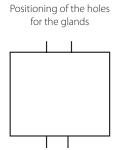
6.821

Dimensions









Number of segments in the switch

1 ... 6

Gland type

M25×1,5

| Rated insulation voltage U _e 690 V Rated withstand impulse voltage U _{mp} 6 kV Rated continuous current I _u —I _{th} 40 A Rated operational current I _e for AC-21A, AC-22A 32 A (230/400/500/690 V) Rated operational power P _e for AC-23A 7.5 kW (230 V) Rated operational power P _e for AC-3 13 kW (400 V) 16 kW (500 V) 22 kW (690 V) Rated operational power P _e for AC-3 6 kW (230 V) 10 kW (400 V) 11 kW (500 V) 12 kW (500 V) 12 kW (500 V) 12 kW (500 V) 13 kW (400 V) 14 kW (500 V) 15 kW (500 V) 16 k(110 V) 17 kW (690 V) Short-time short-circuit withstand current I _{cm} 0.7 kA Rated short-circuit making current I _{cm} 0.7 kA Rated conventional short-circuit current 10 kA Rated current fuse link gG 35 A Wire gauge 410 mm² Tightening torque, terminals 1.2 Nm Panel mounting □ 48 Mechanical endurance 3.0 mln (transposition cycles) Ambient temperature -40 +70°C (work) -40 +70°C (work) -40 +70°C (storage) Protection level: PN-EN 60529 to the panel P65 Protection level of OB enclosure IP65 Protection level of OB enclosure IP65 Protection level of OB enclosure IP65 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) | Technical data | |
|---|---|---|
| Rated operational current I _u =I _{th} Rated operational current I _e for AC-21A, AC-22A Rated operational power P _e for AC-23A 7.5 kW (230 V) 13 kW (400 V) 16 kW (500 V) 22 kW (690 V) Rated operational power P _e for AC-3 Rated operational power P _e for AC-3 Rated operational power P _e for AC-3 Rated operational current I _e for DC-21A Rated operation applitude) 10 kA Rated operational current I _e for DC-21A Rated operation applitude) 11 mg (mpulse duration) Pamp heat cyclic test (acc. to IEC 60068-2-30) Social current I _e for AC-3 Rated operation applitude) 12 kW (230 V) 13 kW (400 V) 14 kW (400 V) 15 kW (500 V) 16 kW (230 V) 16 kW (230 V) 16 kW (400 V) 16 | Rated insulation voltage U | 690 V |
| Rated continuous current I _u =I _{th} Rated operational current I _e for AC-21A, AC-22A Rated operational power P _e for AC-23A Rated operational power P _e for AC-23A Rated operational power P _e for AC-23A Rated operational power P _e for AC-3 Rated operational power P _e for AC-3 Rated operational power P _e for AC-3 Rated operational current I _e for DC-21A Rated short-circuit withstand current I _e (1s) Short-time short-circuit making current I _e (1s) Rated short-circuit making current I _e (1s) Rated conventional short-circuit current 10 kA Rated current fuse link gG 35 A Wire gauge 410 mm² Tightening torque, terminals 1.2 Nm Panel mounting D48 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 Protection level: PN-EN 60529 to the panel Protection level of OB enclosure Vibration test (acc. to IEC 60068-2-6) 213, 2100 Hz (frequency) ± 1 mm (acceleration amplitude) ±0.7 g (acceleration amplitude) ±0.7 g (acceleration amplitude) ±0.7 g (acceleration amplitude) | Rated withstand impulse voltage U _{imp} | 6 kV |
| Rated operational power Pe for AC-23A 7.5 kW (230 V) 13 kW (400 V) 16 kW (500 V) 22 kW (690 V) Rated operational power Pe for AC-3 6 kW (230 V) 10 kW (400 V) 12 kW (500 V) 12 kW (500 V) 17 kW (690 V) Rated operational current Ie for DC-21A 32 A (24 V) 16 A (110 V) 12 A (220 V) Short-time short-circuit withstand current Ie (15) 8 Ated short-circuit making current Ie 0.7 kA Rated conventional short-circuit current 10 kA Rated current fuse link gG 35 A Wire gauge 410 mm² Tightening torque, terminals 1.2 Nm Panel mounting 148 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 Protection level of OB enclosure Vibration test (acc. to IEC 60068-2-6) 2.13, 2100 Hz (frequency) ± 1 mm (acceleration amplitude) ±0.7 g (acceleration amplitude) ±0.7 g (acceleration amplitude) ±0.7 g (acceleration amplitude) ±0.7 g (acceleration) 11 ms (impulse duration) Damp heat cyclic test (acc. to IEC 60068-2-30) | | 40 A |
| Rated operational power Pe for AC-3 Rated operational power Pe for AC-3 Rated operational current Ie for DC-21A Rated conventional short-circuit withstand current Iem Rated short-circuit making current Iem Rated conventional short-circuit current Rated conventional short-circuit current Rated current fuse link gG Rated conventional short-circuit current Rated short-circuit making current lew for a (120 Mm) Rated operation and future Rated short-circuit withstand current lew for a (120 Mm) Rated operation and future Rated operation and future Rated operation and future Rated short-circuit current Rated conventional short-circuit | Rated operational current I _e for AC-21A, AC-22A | 32 A (230/400/500/690 V) |
| Rated operational current I _e for DC-21A Rated operational current I _e for DC-21A 32 A (24 V) 16 A (110 V) 12 A (220 V) Short-time short-circuit withstand current I _{cw} (1s) 0.5 kA Rated short-circuit making current I _{cm} 0.7 kA Rated conventional short-circuit current 10 kA Rated current fuse link gG 35 A Wire gauge 410 mm² Tightening torque, terminals 1.2 Nm Panel mounting □48 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 Protection level of OB enclosure Vibration test (acc. to IEC 60068-2-6) 213, 2100 Hz (frequency) ± 1 mm (acceleration amplitude) ±0.7 g (acceleration amplitude) ±0.7 g (peak acceleration) 11 ms (impulse duration) Damp heat cyclic test (acc. to IEC 60068-2-30) 55°C (ambient temperature) | Rated operational power P _e for AC-23A | 13 kW (400 V) 16 kW (500 V) |
| Short-time short-circuit withstand current I _{cw} (1s) Short-time short-circuit withstand current I _{cw} Rated short-circuit making current I _{cm} 0.7 kA Rated conventional short-circuit current 10 kA Rated current fuse link gG 35 A Wire gauge 410 mm² Tightening torque, terminals 1.2 Nm Panel mounting □48 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 Protection level of OB enclosure Vibration test (acc. to IEC 60068-2-6) 213, 2100 Hz (frequency) ± 1 mm (acceleration amplitude) ±0.7 g (acceleration amplitude) ±0.7 g (acceleration amplitude) Shock test (acc. to IEC 60068-2-30) Damp heat cyclic test (acc. to IEC 60068-2-30) | Rated operational power P _e for AC-3 | 10 kW (400 V) 12 kW (500 V) |
| Rated short-circuit making current I _{cm} Rated conventional short-circuit current Rated current fuse link gG 35 A Wire gauge 410 mm² Tightening torque, terminals Panel mounting 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 Protection level of OB enclosure Vibration test (acc. to IEC 60068-2-6) 213, 2100 Hz (frequency) ± 1 mm (acceleration amplitude) ±0.7 g (acceleration amplitude) Shock test (acc. to IEC 60068-2-30) Damp heat cyclic test (acc. to IEC 60068-2-30) 55°C (ambient temperature) | Rated operational current I _e for DC-21A | 16 A (110 V) |
| Rated conventional short-circuit current Rated current fuse link gG Wire gauge 410 mm² Tightening torque, terminals 1.2 Nm Panel mounting 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 Protection level of OB enclosure Protection level of OB enclosure Vibration test (acc. to IEC 60068-2-6) \$\frac{2}{2} \text{ 1mm (acceleration amplitude)}{2} \text{ 2nd cycles acceleration)}{11 ms (impulse duration)} Damp heat cyclic test (acc. to IEC 60068-2-30) 55°C (ambient temperature) | Short-time short-circuit withstand current $I_{cw}(1s)$ | 0.5 kA |
| Rated current fuse link gG Wire gauge 410 mm² Tightening torque, terminals 1.2 Nm Panel mounting 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 Protection level of OB enclosure Protection level of OB enclosure Vibration test (acc. to IEC 60068-2-6) \$\frac{2}{\text{L}}\$ 1, 2100 Hz (frequency) \$\frac{\text{L}}{\text{L}}\$ 1 mm (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) | Rated short-circuit making current I _{cm} | 0.7 kA |
| Wire gauge 410 mm² Tightening torque, terminals 1.2 Nm Panel mounting □48 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) 213, 2100 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) | Rated conventional short-circuit current | 10 kA |
| Tightening torque, terminals 1.2 Nm Panel mounting 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 Protection level of OB enclosure Protection level of OB enclosure IP65 Vibration test (acc. to IEC 60068-2-6) ± 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) | Rated current fuse link gG | 35 A |
| Panel mounting 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 Protection level of OB enclosure Protection level of OB enclosure Vibration test (acc. to IEC 60068-2-6) 213, 2100 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) | Wire gauge | 410 mm ² |
| 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 Protection level of OB enclosure Protection level of OB enclosure Vibration test (acc. to IEC 60068-2-6) 213, 2100 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) | Tightening torque, terminals | 1.2 Nm |
| Ambient temperature -40 +70°C (work) -40 +70°C (storage) Protection level: PN-EN 60529 to the panel Protection level of OB enclosure IP65 Vibration test (acc. to IEC 60068-2-6) 213, 2100 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) | Panel mounting | □48 |
| Protection level: PN-EN 60529 to the panel IP65 Protection level of OB enclosure IP65 Vibration test (acc. to IEC 60068-2-6) 213, 2100 Hz (frequency) ± 1 mm (acceleration amplitude) ±0.7 g (acceleration amplitude) ±0.7 g (acceleration amplitude) to 11 ms (impulse duration) Damp heat cyclic test (acc. to IEC 60068-2-30) 55°C (ambient temperature) | Mechanical endurance | 3.0 mln (transposition cycles) |
| Protection level of OB enclosure Vibration test (acc. to IEC 60068-2-6) Vibration test (acc. to IEC 60068-2-6) £ 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) | Ambient temperature | |
| Vibration test (acc. to IEC 60068-2-6) 213, 2100 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) | Protection level: PN-EN 60529 to the panel | IP65 |
| | Protection level of OB enclosure | IP65 |
| Damp heat cyclic test (acc. to IEC 60068-2-30) 11 ms (impulse duration) 55°C (ambient temperature) | Vibration test (acc. to IEC 60068-2-6) | ± 1 mm (acceleration amplitude) |
| | Shock test (acc. to IEC 60068-2-27) | |
| 95% (relative humidity) | 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 | Salt mist cyclic test (acc. to IEC 60068-2-52) | severity 1 |