Cam switch in enclosure ŁK25R OB3

Ordering code

ŁK 25 R- ☐ **-** ☐

Mounting method

OB3	in housing OB3
OB3C	in housing OB3 with yellow-red front
OB3Z	in housing OB3 with lockable front
OB3ZC	in housing OB3 with lockable yellow-red front

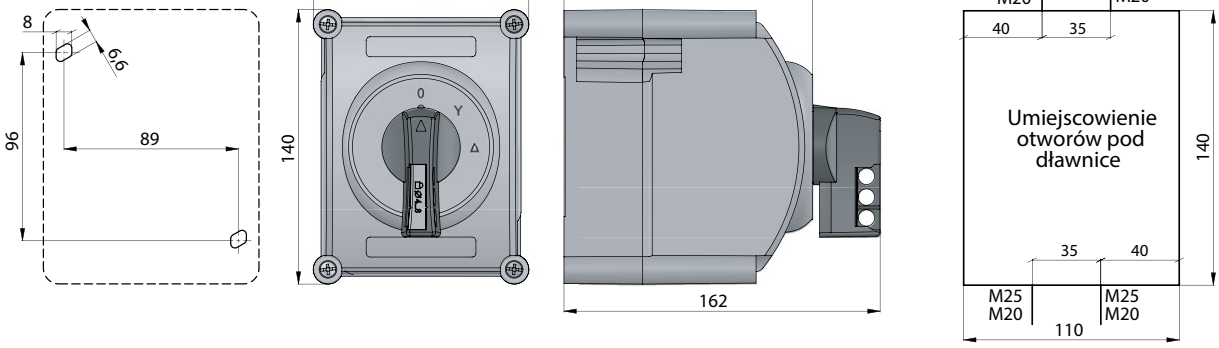
Assembly number

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 - pole)
6.8210	Disconnector 0-1 (11 - pole)
6.821	Disconnector 0-1 (12 - pole)
3.8368	Reversing switch L-0-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 disconnector 0-1
2.8445	Control switch 0-1-2-3
1.834	Disconnector 1-0-2 (1 - pole)
2.8338	Disconnector 1-0-2 (2 - pole)
3.8380	Disconnector 1-0-2 (3 - pole)
4.8396	Disconnector 1-0-2 (4 - pole)
5.8380	Disconnector 1-0-2 (5 - pole)
6.8380	Disconnector 1-0-2 (6 - pole)

Current

25	25 A

Dimensions



Number of segments in the switch

1 ... 6

Gland type

M25×1,5
Note!
For assembly ŁK25R-4.831 and ŁK25R-3.8368
3 glands M25×1,5 are used

Technical data (continuous work)	
Rated insulation voltage U_i	690 V
Rated withstand impulse voltage U_{imp}	6 kV
Rated continuous current $I_u=I_{th}$	25 A
Rated operational power P_e for AC-3	7 kW (230 V) 13 kW (400 V) 10 kW (690 V)
Rated operational power P_e for AC-4	6 kW (230 V) 8 kW (400 V) 7 kW (690 V)
Rated operational current I_e for AC-3	25 A (230 V) 25 A (400 V) 14 A (690 V)
Rated operational current I_e for AC-4	20 A (230 V) 16 A (400 V) 8 A (690 V)
Rated operational current I_e for DC-21	12 A (110 V) 3 A (220 V)
Short-time short-circuit withstand current I_{cw}(1s)	1 kA
Rated short-circuit making current I_{cm}	1.4 kA
Rated conventional short-circuit current	13 kA
Rated current fuse link gG	25 A
Tightening torque, terminals	1.2 Nm
Mechanical endurance	3.0 mln (transposition cycles)
Ambient temperature	-40 ... +70°C (work) -40 ... +70°C (storage)
Wire gauge	2.5...6 mm^2
Protection level: PN-EN 60529 to the panel	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