

Power supply changeover switch PRZK 160 in OBA/OBP housing



Ordering code

PRZK- \

Disconnecter enclosure

OBP In polycarbonate housing with black front, lockable

OBA In ABS housing with black front, lockable

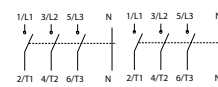
Disconnecter poles

3160N 3 poles + N non-switched

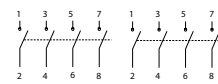
4160 4 poles

4160N 3 poles + N switched

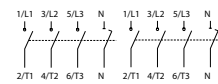
Disconnecter poles



3 poles + N non-switched



4 poles



3 poles + N switched

Technical data (continuous work)

Rated insulation voltage U_i	690 V
Rated withstand impulse voltage U_{imp}	8 kV
Conventional rated thermal current in the air I_{th}	160 A
Rated operational current I_e for AC-21A, AC-22A	160 A (690 V)
Rated operational current I_e for AC-23A	125 A (400 V) 100 A (500 V) 80 A (690 V)
Rated power AC-23A for 3-phase standard asynchronous motors	50 kW (400 V) 50 kW (500 V) 40 kW (690 V)
Rated operational current I_e for DC-21A	160 A (220 V)
Rated operational current I_e for DC-22A	100 A (220 V)
Rated operational current I_e for DC-23A	80 A (220 V)
Short-time short-circuit withstand current $I_{cw}(1s)$	3.2 kA
Rated short-circuit making current I_{cm}	10 kA
Rated conventional short-circuit current	25 kA (fuse link gL/gG 160 A)
Mechanical endurance	8000 (cycles)
Electrical endurance	1000 (cycles)
Wire gauge	25...70 mm ² (solid)
Weight	0.7...0.74 kg
Vibration test (acc. to IEC 60068-2-6)	2...100 Hz (frequency) ± 1 mm (amplitude) ± 0.7 g (acceleration)
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
Protection level in the enclosure	IP65

Dimensions

