

Power supply changeover switch PRZK 125 in OBA/OBP housing



Ordering code

PRZK- \

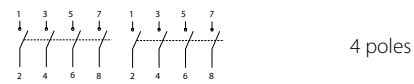
Disconnecter enclosure

- OBP** In polycarbonate housing with black front, lockable
- OBA** In ABS housing with black front, lockable

Disconnecter poles

- 3125N** 3 poles + N non-switched
- 4125** 4 poles
- 4125N** 3 poles + N switched

Disconnecter poles



Technical data (continuous work)

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|---|--|
| Rated insulation voltage U_i | 690 V |
| Rated withstand impulse voltage U_{imp} | 8 kV |
| Conventional rated thermal current in the air I_{th} | 125 A |
| Rated operational current I_e for AC-21A, AC-22A | 125 A (690 V) |
| Rated operational current I_e for AC-23A | 100 A (400 V) 80 A (500 V) 60 A (690 V) |
| Rated power AC-23A for 3-phase standard asynchronous motors | 40 kW (400 V) 40 kW (500 V) 35 kW (690 V) |
| Rated operational current I_e for DC-21A | 125 A (220 V) |
| Rated operational current I_e for DC-22A | 80 A (220 V) |
| Rated operational current I_e for DC-23A | 60 A (220 V) |
| Short-time short-circuit withstand current $I_{cw}(1s)$ | 2.5 kA |
| Rated short-circuit making current I_{cm} | 7.5 kA |
| Rated conventional short-circuit current | 25 kA (fuse link gL/gG 125 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

