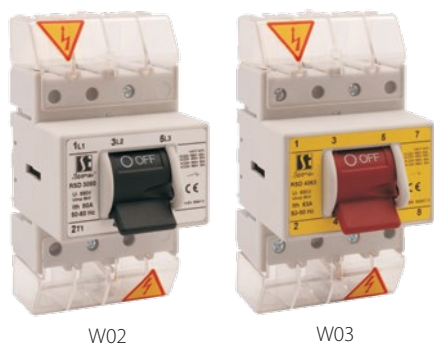


## Toggle switch disconnector RSD 80



W02

W03

### 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 $I_{th}$	80 A
Rated operational current $I_e$ for AC-21A, AC-22A	80 A (690 V)
Rated operational current $I_e$ for AC-23A	70 A (400 V) 55 A (500 V) 32 A (690 V)
Rated power AC-23A for 3-phase standard asynchronous motors	35 kW (400 V) 35 kW (500 V) 30 kW (690 V)
Rated operational current $I_e$ for DC-21A	80 A (220 V)
Rated operational current $I_e$ for DC-22A	50 A (220 V)
Rated operational current $I_e$ for DC-23A	40 A (220 V)
Short-time short-circuit withstand current $I_{cw}(1s)$	1.8 kA
Rated short-circuit making current $I_{cm}$	6 kA
Rated conventional short-circuit current	15 kA (fuse link gL/gG 80 A)
Mechanical endurance	20000 (cycles)
Electrical endurance	3000 (cycles)
Wire gauge	6...16 mm <sup>2</sup> (solid)
Weight	0.3...0.32 kg
Tightening torque, terminals	2 Nm
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

### Ordering code

RSD-  \

Front of the disconnector

W02 silver-black front

W03 yellow-red front

Disconnector poles

3080 3 poles

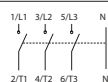
3080N 3 poles + N non-switched

4080 4 poles

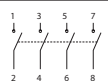
### Disconnector poles



3 poles



3 poles + N non-switched



4 poles

## Dimensions

