



CITEL

Surge circuit breaker for protection of Type 2 AC SPD

SSD80S-40-230



- SPD Specific Disconnectors (SSD) for short circuit protection of Type 2 AC surge protectors
- Surge current withstand: 80 kA @ 8/20µs
- Wide range of short circuit current protected
- Reusable after switch triggered
- Low rated tripping current with time-current characteristics for overcurrent coordination with upstream OCPD and safety disconnect in case of SPD failure



Electrical Characteristics	
Minimum delay tripping current	Id 3A@<5s
Minimum instantaneous tripping current	li 5A@<0.1s
Rated impulse withstand voltage	Uiimp 4 kV
Nominal line voltage	Un 230/400 Vac
Nominal discharge current 15 x 8/20 µs impulses	In 40 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax 80 kA
Equivalent rated AC current	125 A
Breaking capacity	100 000 A
Residual voltage	Up < 2.8 kV (+SPD)
Rated insulation voltage Ui	Ui 400 Vac
Mechanical Characteristics	
Format	Monobloc modular box
Mounting	Symmetrical rail 35 mm (EN 60715)
Operating temperature	Tu -40/+85°C
Protection rating	IP20
Remote signaling of disconnection	Output on changeover contact
Wiring for remote signaling	0.75 mm² max.
Max. Voltage/Current for remote signaling	240 V / 2 A (AC), 24 V / 6 A (DC)
Remote signaling of disconnection via control module	With attached separated module
Dimensions	See diagram - 1TE (EN43880)
Standards	
Standards compliance	GB/T 18802.11 / IEC 61643-11 / NB/T 42150
Certification	CQC
Part number	802114

