



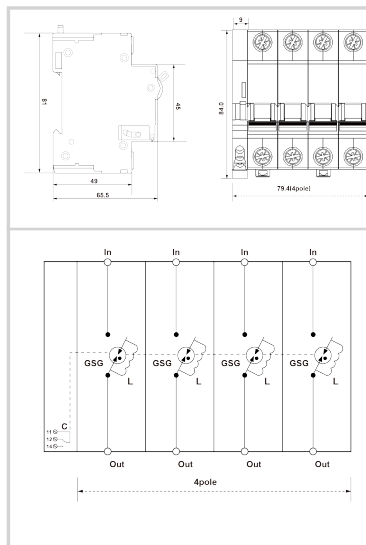
CITEL

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		
Rated impulse withstand voltage	Uimp	4 kV
Minimum delay tripping current	Id	3A@5s
Minimum instantaneous tripping current	Ii	5A@0.1s
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 seperated module
Dimensions		See diagram - 1TE (EN43880)
Standards		
Standards compliance		GB/T 18802.11 / IEC 61643-11 / NB/T 42150
Certification		CQC
Part number		
802114		

