



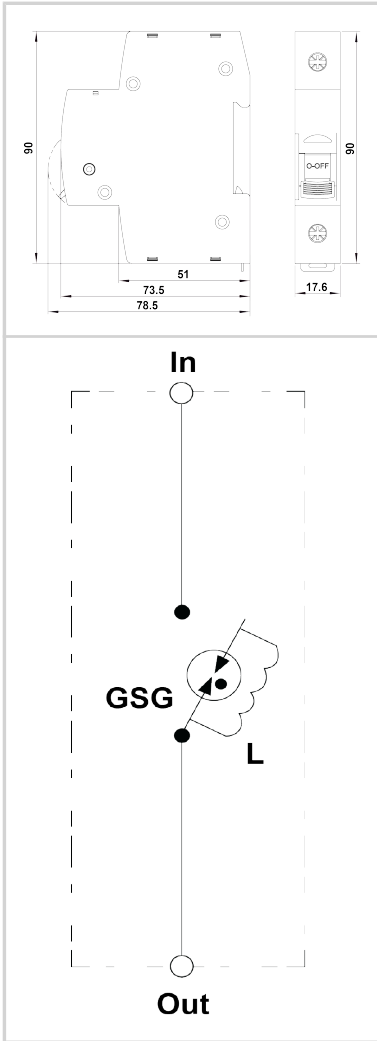
CITEL

Surge circuit breaker for protection of Type 2 AC SPD

SSD80-230



- ▶ 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 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	1.5 kV	
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	
Dimensions		See diagram - 1TE (EN43880)	
Standards			
Standards compliance		GB/T 18802.11 / IEC 61643-11 / NB/T 42150	
Certification		CQC	
Part number			
802101			

