



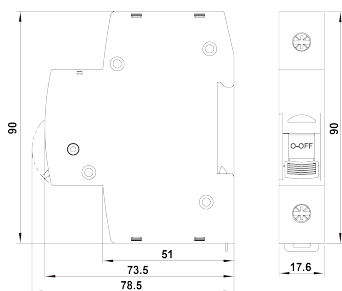
CITEL

Surge circuit breaker for protection of Type 2 AC SPD

SSD50-230



- ▶ SPD Specific Disconnectors (SSD) for short circuit protection of Type 2 AC surge protectors
- ▶ Surge current withstand: 40 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	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	50 kA
Equivalent rated AC current		80 A
Breaking capacity		100 000 A
Residual voltage	Up	< 1.3 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

801101

