



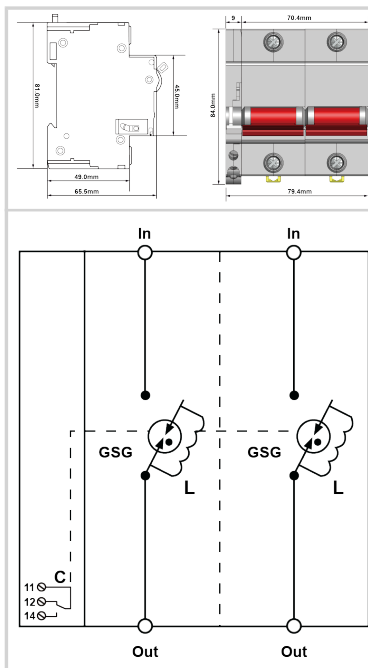
CITEL

SPD Specific Disconnectors (SSD) for Type 1 AC SPD

SSD1-25S-20-230



- ▶ SPD Specific Disconnectors (SSD) for short circuit protection of Type 1 AC surge protectors
- ▶ Surge current withstand: 25 kA @ 10/350µs
- ▶ 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	I_d	3A@5s
Rated impulse withstand voltage	U_{imp}	6 kV
Minimum instantaneous tripping current	I_i	5A@0.1s
Nominal line voltage	U_n	230 Vac
Nominal discharge current <i>15 x 8/20 µs impulses</i>	I_n	80 kA
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	I_{max}	120 kA
Impulse current by pole <i>max. withstand 10/350µs by pole</i>	I_{imp}	25 kA
Equivalent rated AC current		315 A
Breaking capacity		100 000 A
Residual voltage	U_p	< 2.5 kV+SPD
Rated insulation voltage U_i	U_i	400 Vac
Mechanical Characteristics		
Format		Monobloc modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Operating temperature	T_u	-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		
804112		

