



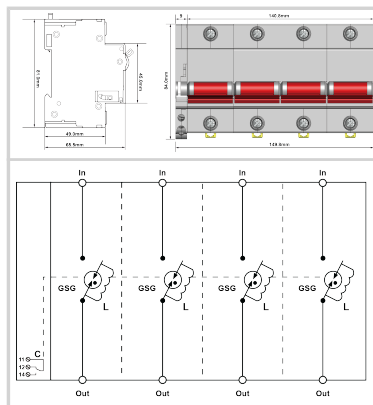
CITEL

SPD Specific Disconnectors (SSD) for Type 1 AC SPD

SSD1-25S-40-230



- ▶ 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	Id	3A@5s	
Rated impulse withstand voltage	Uimp	6 kV	
Minimum instantaneous tripping current	Ii	5A@0.1s	
Nominal line voltage	Un	230/400 Vac	
Max. AC operating voltage	Uc	400 Vac	
Nominal discharge current 15 x 8/20 µs impulses	In	80 kA	
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	120 kA	
Impulse current by pole max. withstand 10/350µs by pole	I _{imp}	25 kA	
Equivalent rated AC current		315 A	
Breaking capacity		100 000 A	
Residual voltage	Up	< 2.5 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			
804114			

