



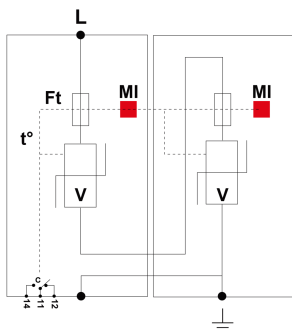
CITEL



Type 2 AC surge protector - 2-pole - pluggable

DS41S-1000

- Type 2 AC surge protector
- In: 20 kA
- I_{max} total: 40 kA
- Pluggable module for each phase
- Remote signaling
- NF EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5 certified



V: High-energy varistor
Ft: Thermal fuse
C: Remote signal contact
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

SPD type	IEC	2
Nominal line voltage	Un	690 Vac
Max. AC operating voltage	Uc	1100 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	1400 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	1840 Vac disconnection
Residual Current Leakage current to Ground	I _{pe}	< 1 mA
Follow current	I _f	None
Nominal discharge current 15 x 8/20 μ s impulses	I _n	20 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I _{max}	40 kA
Connection mode(s)		L/N or N/PE
Protection level @ I _n (8/20 μ s)	Up	5 kV
Admissible short-circuit current	I _{sc}	25 000 A

Mechanical Characteristics

Technology		MOV
SPD configuration		2-poles
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Disconnection indicator		2 mechanical indicators
Spare module(s)		DSM40-1000
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		0.125 kg

Disconnectors

Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses type gG - 50 A

Standards

Standards compliance		EN 61643-11 / IEC 61643-11
Certification		UL Recognized

Part number

462921

