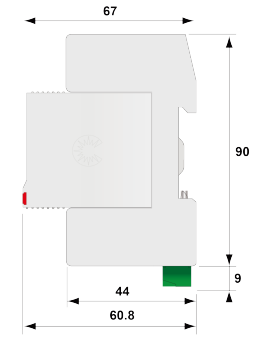
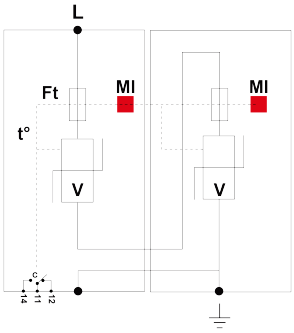
Type 2 AC surge protector - 2-pole - pluggable

DS41S-1000



- Type 2 AC surge protector
- In: 20 kA
- Imax 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	1000 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*	Ipe	< 1 mA
Follow current	If	None
Nominal discharge current *15 x 8/20 µs impulses*	In	20 kA
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	40 kA
Connection mode(s)		L/N or N/PE
Protection level *@ In (8/20µs)*	Up	5 kV
Admissible short-circuit current	Isccr	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
Environmental standards		EU RoHS
Part number		
462921		