



Type 2 AC surge protector - 2-pole - pluggable

CITEL

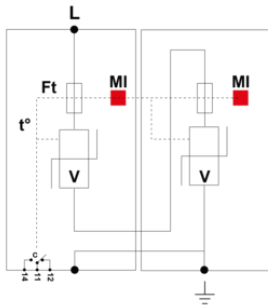
DS41S-1000



- 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



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



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

