



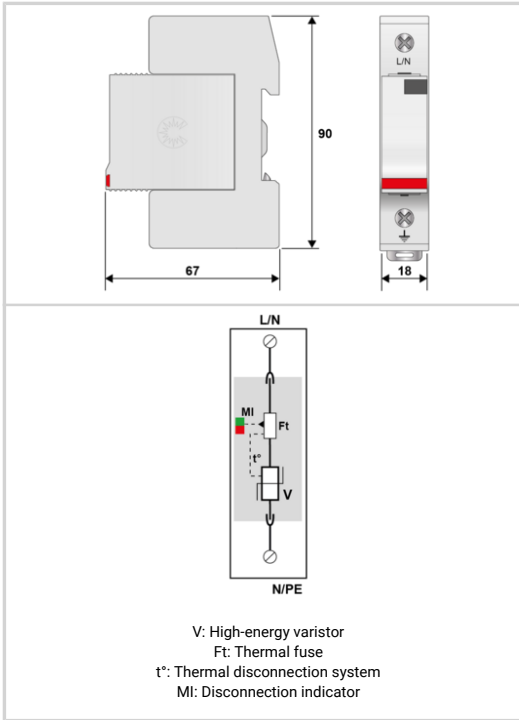
CITEL

Type 2 AC surge protector - 1-pole - pluggable

DS41-480



- ↳ Discover our latest innovation : the [DAC50-10-530](#)
- ↳ Type 2 AC surge protector
- ↳ In : 20 kA
- ↳ Imax : 40 kA
- ↳ Pluggable module for each phase
- ↳ Remote signaling option
- ↳ EN 61643-11, IEC 61643-11 compliance
- ↳ UL1449 ed.5



Electrical Characteristics			
SPD type	IEC	2	
Network		277/480 V 3-phase	
Nominal line voltage	Un	277 Vac	
Max. AC operating voltage	Uc	530 Vac	
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	700 Vac withstand	
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	920 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/PE and N/PE	
Protection mode(s)		Common Mode or Differential Mode	
Protection level @ In (8/20μs)	Up	2.5 kV	
Protection level L/PE @ In (8/20μs)	Up L/PE	2.5 kV	
Admissible short-circuit current	Iscrr	25 000 A	
Mechanical Characteristics			
Technology		MOV	
SPD configuration		Single phase	
Connection to Network		By screw terminals: 2.5-25mm ² / by bus	
Format		Plug-in modular box	
Mounting		Symmetrical rail 35 mm (EN 60715)	
Housing material		Thermoplastic UL94 V-0	
Operating temperature	Tu	-40/+85°C	
Protection rating		IP20	
Failsafe mode		Disconnection from AC network	
Disconnection indicator		1 mechanical indicator	
Spare module(s)		DSM40-480	
Remote signaling of disconnection		option DS41S-480 : output on changeover contact	
Dimensions		See diagram	
Disconnectors			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
Back-up protection device		Fuses type gG - 50 A	
Standards			
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification		CSA / UL	
Part number			
331001			

