



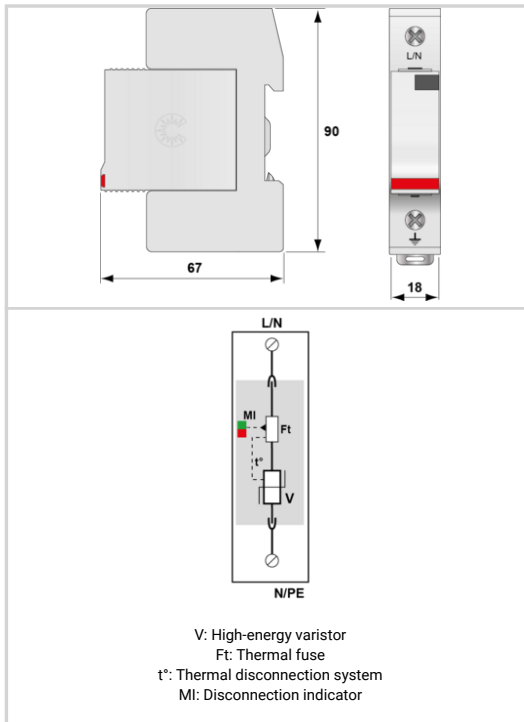
# Type 2 AC surge protector - 1-pole - pluggable

# CITEL

## DS41-280



- Discover our latest innovation : the [DAC50-10-320](#)
- 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		230/400 V
Nominal line voltage	Un	230 Vac
Max. AC operating voltage	Uc	280 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac disconnection
Residual Current	Ipe	< 1 mA
Leakage current to Ground		
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 mode(s)		Common Mode or Differential Mode
Protection level @ In (8/20μs)	Up	1.3 kV
Residual voltage at 5 kA @ 5 kA (8/20μs)	Up-5kA	1 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 <sup>2</sup> / 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)		DSM40-280
Remote signaling of disconnection		option DS41S-280 : output on changeover contact
Dimensions		See diagram
Weight		0.099 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		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		UL / CSA / TUV Süd
Part number		
3311011		

