



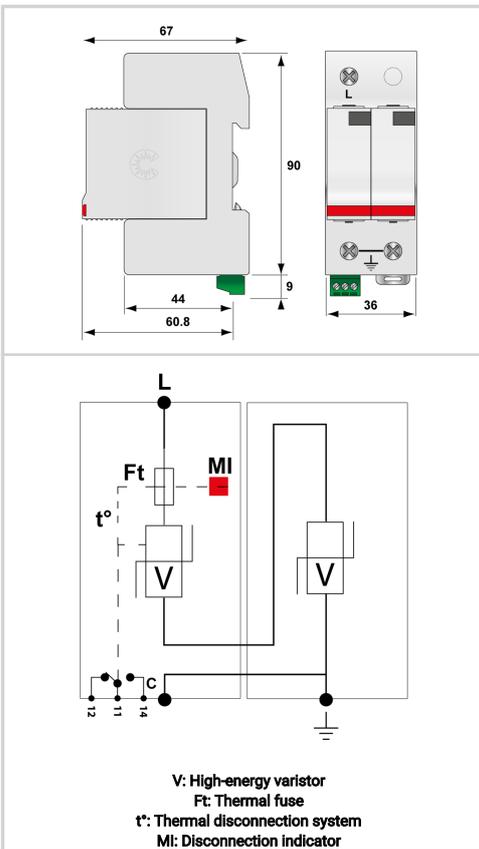
# CITEL

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

### DS41-1000



- Type 2 AC surge protector
- In : 20 kA
- I<sub>max</sub> : 40 kA
- Pluggable module for each phase
- Remote signaling option
- NF EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5 certified



Electrical Characteristics		
SPD type	IEC	2
Network		1000 Vac
Nominal line voltage	U <sub>n</sub>	1000 Vac
Max. AC operating voltage	U <sub>c</sub>	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 <sub>pe</sub>	< 1 mA
Follow current	I <sub>f</sub>	None
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	40 kA
Connection mode(s)		L/PE
Protection mode(s)		Common mode
Protection level @ I <sub>n</sub> (8/20μs)	U <sub>p</sub>	5 kV
Admissible short-circuit current	I <sub>sc</sub>	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	T <sub>u</sub>	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator
Spare module(s)		DSM40-1000
Remote signaling of disconnection		option DS41S-1000 : output on changeover contact
Dimensions		See diagram
Weight		0.218 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
Certification		UL Recognized
Part number		
<b>462901</b>		

