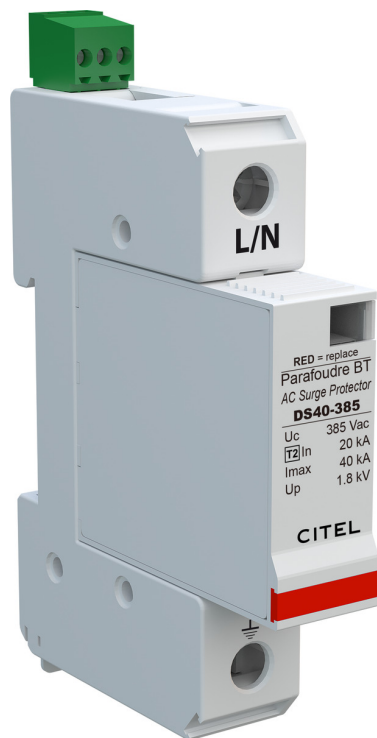




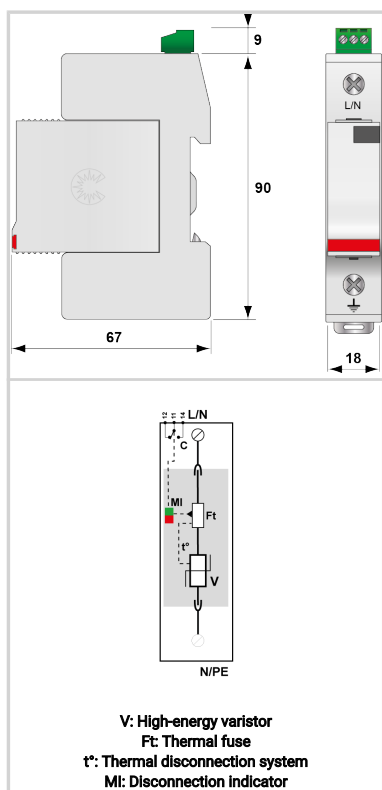
CITEL



Type 2 AC surge protector - 1-pole - pluggable

DS41S-385

- › Type 2 AC surge protector
- › I_n : 20 kA
- › I_{max} : 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		230/400V
Nominal line voltage	U_n	230 Vac
Max. AC operating voltage	U_c	385 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 Leakage current to Ground	I_{pe}	< 1 mA
Follow current	I_f	None
Nominal discharge current 15 x 8/20 μ s impulses	I_n	20 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max}	40 kA
Connection mode(s)		L/N or N/PE
Protection mode(s)		Common Mode or Differential Mode
Protection level @ I_n (8/20 μ s)	U_p	1.8 kV
Admissible short-circuit current	I_{sc}	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	T_u	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator
Spare module(s)		DSM40-385
Remote signaling of disconnection		option DS41S-385 : output on changeover contact
Dimensions		See diagram
Weight		0.109 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 Recognized
Part number		
331211		

