



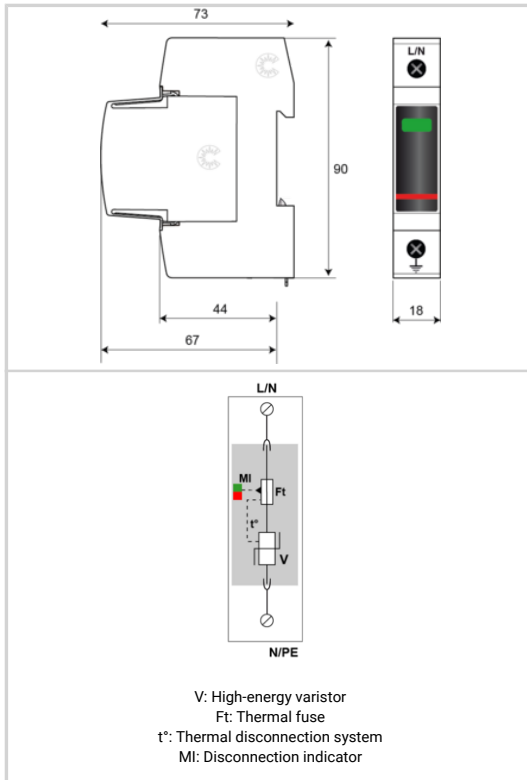
## Type 2 AC surge protector - Re-inforced - 1-pole - pluggable

# CITEL

## DAC80-10-320



- ↳ Re-inforced Type 2 AC surge protector
- ↳  $I_n$  : 40 kA
- ↳  $I_{max}$  : 80 kA
- ↳ Pluggable module for each phase
- ↳ Remote signaling option
- ↳ EN 61643-11, IEC 61643-11 certified
- ↳ UL1449 ed.5 compliance



Electrical Characteristics		
SPD type		2
Max. AC operating voltage	Uc	320 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 <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>	40 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	80 kA
Protection level @ I <sub>n</sub> (8/20 μs)	U <sub>p</sub>	1.6 kV
Residual voltage at 5 kA @ 5 kA (8/20 μs)	U <sub>p-5kA</sub>	1.1 kV
Admissible short-circuit current	I <sub>sc</sub>	50 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid)
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 - Red/Green
Spare module(s)		MDAC80-320
Remote signaling of disconnection		option DAC80S-10-320 : output on changeover contact
Dimensions		See diagram - 1TE (EN43880)
Weight		0.142 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses Type gG - 125 A
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		KEMA
Part number		
821210311		

