



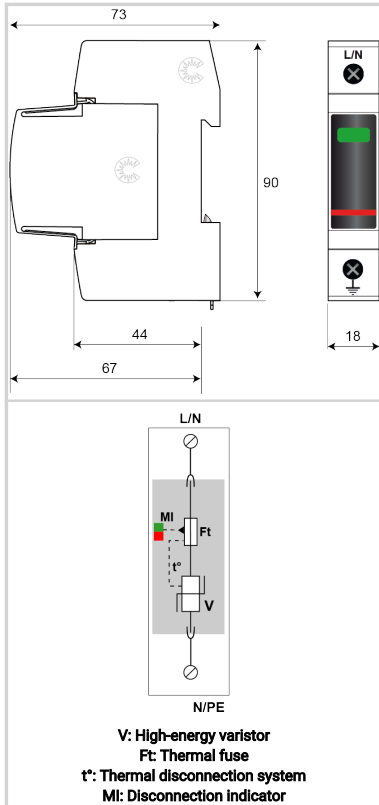
# CITEL

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

### DAC50-10-150



- ▶ Type 2 AC multipolar surge protector
- ▶ In: 20 kA
- ▶ I<sub>max</sub>: 50 kA
- ▶ Pluggable module for each phase
- ▶ Remote signaling option
- ▶ EN 61643-11, IEC 61643-11 certified



Electrical Characteristics		
SPD type	IEC	2
Network		230/400 V
AC system		TNC
Nominal line voltage	U <sub>n</sub>	230 Vac
Max. AC operating voltage	U <sub>c</sub>	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	230 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>	50 kA
Connection mode(s)		L/PE
Protection level @ I <sub>n</sub> (8/20μs)	U <sub>p</sub>	0.9 kV
Residual voltage at 5 kA @ 5 kA (8/20μs)	U <sub>p-5kA</sub>	0.6 kV
Protection level L/PE @ I <sub>n</sub> (8/20μs)	U <sub>p L/PE</sub>	1.25 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
Ingress Protection rating		IP20 (NEMA 2)
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator - Red/Green
Spare module(s)		MDAC50-150
Remote signaling of disconnection		option DAC50S-10-150 : output on changeover contact
Dimensions		See diagram - 1 TE (EN43880)
Weight		0.098 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		50 A min. - 125 A max. - Fuses Type gG
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11
Certification		OVE
Environmental standards		EU RoHS
Part number		
<b>82110111</b>		





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