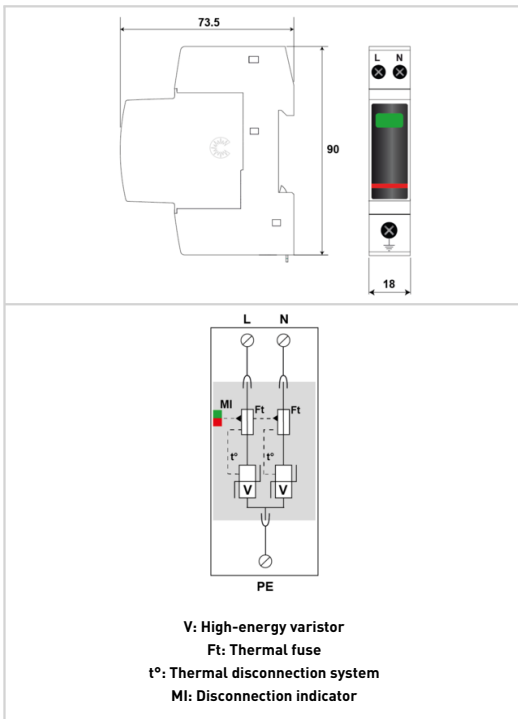


**DAC40C-20-150**


- Compact single-phase type 2 (or 3) surge protector
- In : 20 kA
- I<sub>max</sub> : 40 kA
- Commu/Differential mode
- Pluggable module
- Remote signaling option
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.4 compliance



Caractéristiques Électriques		
SPD type (following IEC tests)		2
Network		120 V single-phase
AC system		TN
Max. AC operating voltage L-N	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>	40 kA
Total Maximum discharge current (max. total withstand @ 8/20 μs)	I <sub>max Total</sub>	80 kA
Protection mode(s)		L/PE and N/PE
Protection level N/PE (@ In (8/20μs))	U <sub>p</sub> N/PE	0.9 kV
Protection level L/PE (@ In (8/20μs))	U <sub>p</sub> L/PE	0.9 kV
Admissible short-circuit current	I <sub>sc cr</sub>	10 000 A
Caractéristiques Mécaniques		
Technology		MOV
SPD configuration		Single phase
Connection to Network		by screw terminals: L/N = 1.5-10mm <sup>2</sup> [16mm <sup>2</sup> rigid] or PE = 2.5-25mm <sup>2</sup> [35 mm <sup>2</sup> rigid]
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94-V0
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)		MDAC40C-20-150
Remote signaling of disconnection		Option DAC40CS-20-150 : output on changeover contact
Wiring for remote signaling		1.5 mm <sup>2</sup> max.
Max. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions		See diagram - 1TE [EN43880]
Déconnecteurs associés		
Thermal disconnecter		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		50 A mini. - 125 A max. - Fuses Type gG
Normes		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification		KEMA / EAC
Code article		
<b>821510111</b>		