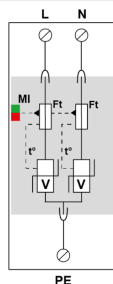
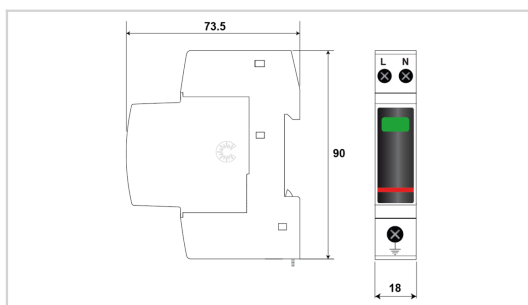


### DAC40C-20-320



- ✦ Compact single-phase type 2 (or 3) surge protector
- ✦ In : 20 kA
- ✦ I<sub>max</sub> : 40 kA
- ✦ Commun/Differential mode
- ✦ Pluggable module
- ✦ Remote signaling (option)
- ✦ EN 61643-11, IEC 61643-11 certified
- ✦ UL1449 ed.5 compliance



V: High-energy varistor  
 Ft: Thermal fuse  
 t\*: Thermal disconnection system  
 MI: Disconnection indicator

Electrical Characteristics		
SPD type	IEC	2
Network		230 V single-phase
AC system		TN
Max. AC operating voltage	U <sub>c</sub>	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>	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</sub> Total	80 kA
Protection mode(s)		L/PE and N/PE
Protection level N/PE @ In (8/20μs)	Up N/PE	1.5 kV
Protection level L/PE @ In (8/20μs)	Up L/PE	1.5 kV
Admissible short-circuit current	I <sub>scrc</sub>	10 000 A
Mechanical Characteristics		
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> (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)		MDAC40C-20-320
Remote signaling of disconnection		Option DAC40CS-20-320: 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)
Weight		0.128 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 / UL1449 ed.5
Certification		KEMA
Part number		
821510311		

