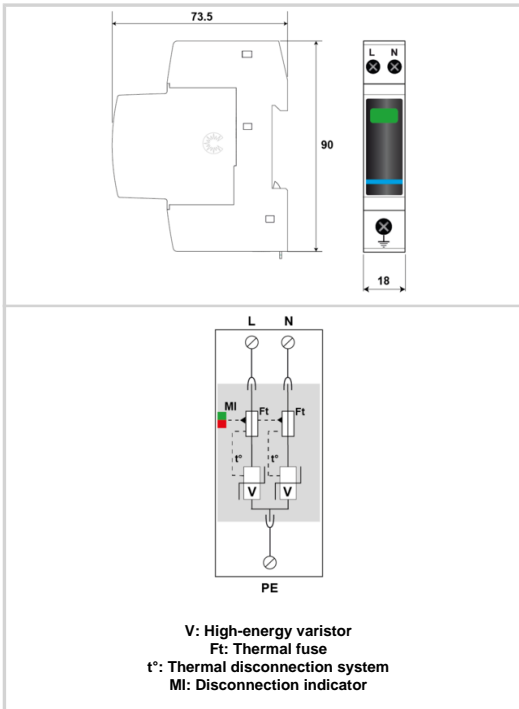


DAC15C-20-150



- Compact single-phase Type 2 (or 3) surge protector
- I_n : 5 kA
- I_{max} : 15 kA
- Commun/Differential mode
- Pluggable module
- Remote signaling option
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.4 compliance



Electrical Characteristics	
SPD type (following IEC tests)	2 (or 3)
Network	120/208 V
AC system	TN
Max. AC operating voltage	U_c 150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	U_T 180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	U_T 230 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 5 kA
Max. discharge current (max. withstand @ 8/20 μ s by pole)	I_{max} 15 kA
Total Maximum discharge current (max. total withstand @ 8/20 μ s)	I_{max} Total 30 kA
Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50 μ s - 8/20 μ s)	U_{oc} 10 kV
Protection mode(s)	L/PE
Protection level N/PE (@ I_n (8/20 μ s))	U_p N/PE 0.6 kV
Protection level L/PE (@ I_n (8/20 μ s))	U_p L/PE 0.6 kV
Admissible short-circuit current	I_{sc} 10 000 A
Mechanical Characteristics	
Technology	MOV
SPD configuration	Single phase
Connection to Network	by screw terminals: L/N = 1.5-10mm ² (16mm ² rigid) or PE = 2.5-25mm ² (35 mm ² rigid)
Format	Plug-in modular box
Pluggable	Yes
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 - Red/Green
Spare module(s)	MDAC15C-20-150
Remote signaling of disconnection	Option DAC15CS-20-150 : output on changeover contact
Wiring for remote signaling	1.5 mm ² max.
Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions	See diagram - 1TE (EN43880)
Weight	0.108 kg
Disconnectors	
Thermal disconnecter	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	20 A min. - 125 A max. - Type gG
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification	KEMA / EAC
Part number	
821610111	