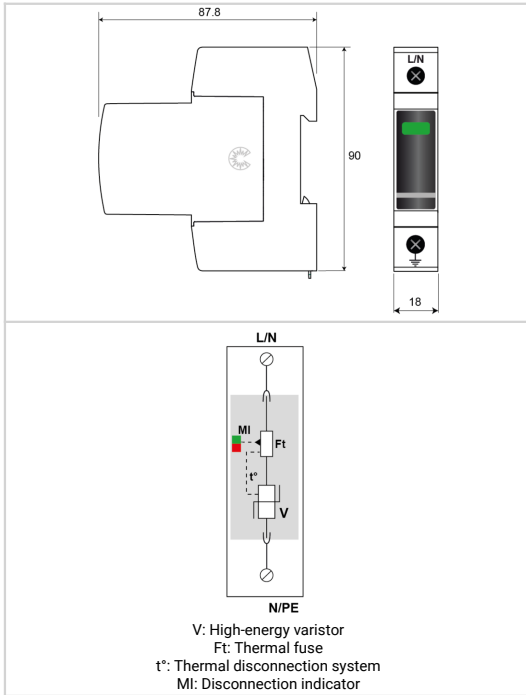


DAC1-13-10-150



- ✔ Type 1 + 2 AC surge protector
- ✔ In : 20 kA
- ✔ Iimp : 12.5 kA
- ✔ Pluggable module for each phase
- ✔ Remote signaling (option)
- ✔ EN 61643-11, IEC 61643-11 certified
- ✔ UL1449 ed.5 compliance



Electrical Characteristics			
SPD type	IEC	1+2	
Max. AC operating voltage	Uc	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	Ipe	< 1 mA	
Follow current	If	None	
Nominal discharge current 15 x 8/20 μs impulses	In	20 kA	
Max. discharge current max. withstand @ 8/20 μs by pole	Imax	50 kA	
Impulse current by pole max. withstand 10/350μs by pole	Iimp	12.5 kA	
Impulse current N/PE max. withstand 10/350μs	Iimp N/PE	50 kA	
Specific energy by pole max. withstand 10/350 μs	W/R	40 kJ/ohm	
Protection level @ In (8/20μs)	Up	0.9 kV	
Residual voltage at 5 kA @ 5 kA (8/20μs)	Up-5kA	0.6 kV	
Admissible short-circuit current	Iscrc	50 000 A	
Mechanical Characteristics			
Technology	VG Technology (MOV+GSG)		
SPD configuration	Single phase		
Connection to Network	By screw terminals: 2.5-25mm ² (35mm ² rigid)		
Format	Plug-in modular box		
Mounting	Symmetrical rail 35 mm (EN 60715)		
Housing material	Thermoplastic UL94 V-0		
Operating temperature	Tu	-40/+85°C	
Protection rating	IP20		
Failsafe mode	Disconnection from AC network		
Disconnection indicator	1 mechanical indicator - Red/Green		
Spare module(s)	MDAC1-13-150		
Remote signaling of disconnection	option DAC1-13S-10-150: output on changeover contact		
Dimensions	See diagram - 1TE (EN43880)		
Weight	0.145 kg		
Disconnectors			
Thermal disconnector	Internal		
Installation ground fault breaker	Type 'S' or delayed		
Back-up protection device	Fuse assembly: SFD1-13S-10 / or 125 A min. - 315 A max. - Fuses Type gG		
Standards			
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5		
Certification	KEMA		
Part number			
821710111			