



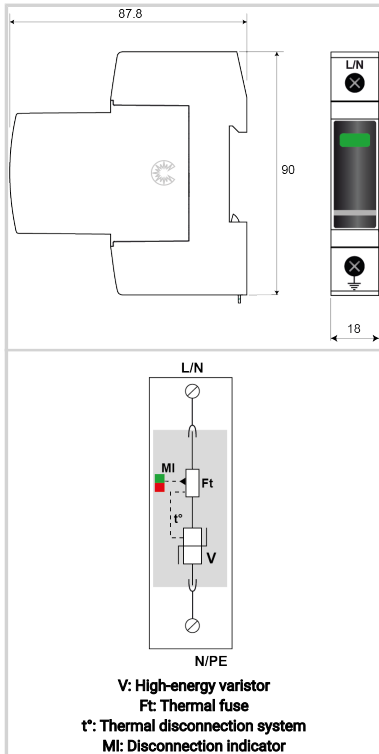
CITEL

Type 1+2 AC surge protector - 1-pole

DAC1-13-10-320



- ▶ 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	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	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	I _{max}	50 kA
Impulse current by pole max. withstand 10/350μs by pole	I _{imp}	12.5 kA
Impulse current N/PE max. withstand 10/350μs	I _{imp N /PE}	50 kA
Specific energy by pole max. withstand 10/350 μs	W/R	40 kJ/ohm
Protection level @ In (8/20μs)	Up	1.6 kV
Residual voltage at 5 kA @ 5 kA (8/20μs)	Up-5kA	1.2 kV
Admissible short-circuit current	I _{sc}	50 000 A

Mechanical Characteristics

Technology		MOV
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)		MDAC1-13-320
Remote signaling of disconnection		option DAC1-13S-10-320: output on changeover contact
Dimensions		See diagram - 1TE (EN43880)

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

821710311

