



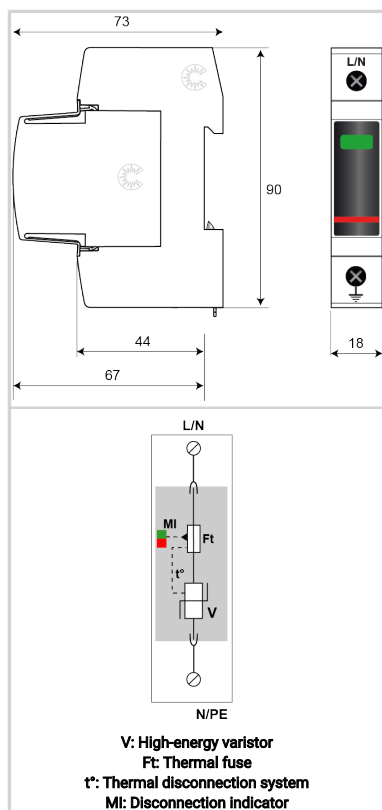
CITEL

Type 2 AC surge protector - Re-inforced - 1-pole - pluggable

DAC80-10-275



- Re-inforced Type 2 AC surge protector
- In : 40 kA
- I_{max} : 80 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	2
Max. AC operating voltage	U _c	275 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	440 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	I _{pe}	< 1 mA
Follow current	I _f	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I _n	40 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	80 kA
Protection level <i>@ I_n (8/20 μs)</i>	U _p	1.6 kV
Residual voltage at 5 kA <i>@ 5 kA (8/20 μs)</i>	U _{p-5kA}	0.9 kV
Admissible short-circuit current	I _{sc}	50 000 A

Mechanical Characteristics

Technology		MOV
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25mm² (35mm² 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)		MDAC80-275
Remote signaling of disconnection		option DAC50S-10-275 : 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	Fuses Type gG - 125 A

Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification	KEMA

Part number

821210211

