



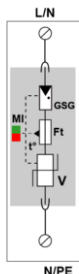
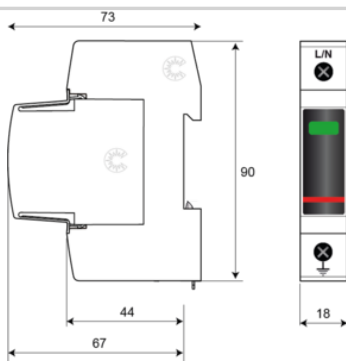
CITEL

Type 2 AC surge protector - 1-pole - pluggable

DAC50VG-10-275



- › Type 2 + 3 AC surge protector
- › VG Technology
- › In: 20 kA
- › No leakage current
- › Pluggable module for each phase
- › Remote signaling (option)
- › Optimized to TOV
- › 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		2+3
Max. AC operating voltage	Uc	275 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 withstand
Residual Current	Ipe	None
Leakage current to Ground		
Follow current	If	None
Nominal discharge current 15 x 8/20 μ s impulses	In	20 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax	50 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s	Uoc	6 kV
Protection level @ In (8/20 μ s)	Up	1.5 kV
Residual voltage at 5 kA @ 5 kA (8/20 μ s)	Up-5kA	0.7 kV
Admissible short-circuit current	Iscrr	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 by pole - Red/Green
Spare module(s)		MDAC50VG-275
Remote signaling of disconnection		option DAC50VG-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		50 A min. - 160 A max. - Fuses Type gG

Standards

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

Part number

821130211

