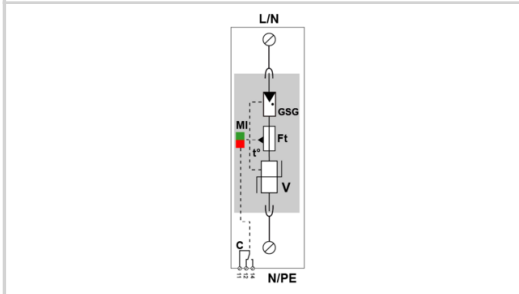
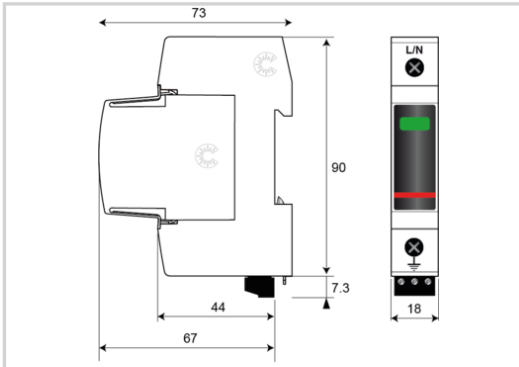


DAC50VGS-10-275



- Type 2 + 3 AC surge protector
- VG Technology
- In : 20 kA
- No leakage current
- Pluggable module for each phase
- Remote signaling
- Optimized to TOV
- EN 61643-11, IEC 61643-11 and UL1449 ed.4 compliance



V: High-energy varistor  
 GSG: Specific gas tube  
 Ft: Thermal fuse  
 C: Remote signaling contact  
 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 (Leakage current to Ground)	Ipe	None
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
Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50μs - 8/20μs)	Uoc	6 kV
Protection level (@ In (8/20μs))	Up	1.5 kV
Residual voltage at 5 kA (@ 5 kA (8/20μs))	Up-5kA	0.7 kV
Admissible short-circuit current	Iscrc	50 000 A
Mechanical Characteristics		
Technology		VG Technology (MOV+GSG)
SPD configuration		1-pole
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid)
Format		Plug-in modular box
Pluggable		Yes
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)		MDAC50VG-275
Remote signaling of disconnection		Output on changeover contact
Wiring for remote signaling		1.5 mm <sup>2</sup> 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 disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		50 A min. - 160 A max. - Fuses Type gG
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification		KEMA / EAC
Part number		
821130221		

