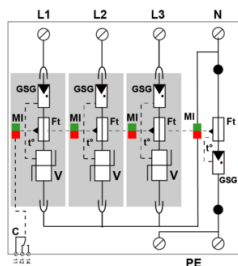
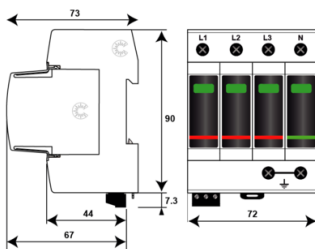


DAC50VGS-31-275



- 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 certified
- 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
Network	230/400 V 3-phase+N
AC system	TT-TNS
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
Temporary Over Voltage N/PE (TOV HT) (Without disconnection or with safety disconnection)	UT 1200 V/300A/200 ms withstand
Residual Current (Leakage current to Ground)	Ipe None
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
Total Maximum discharge current (max. total withstand @ 8/20 μ s)	Imax Total 50 kA
Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50 μ s - 8/20 μ s)	Uoc 6 kV
Connection mode(s)	L/N and N/PE
Protection level L/N (@ In (8/20 μ s))	Up L/N 1.5 kV
Residual voltage L/N at 5 kA (@ 5 kA (8/20 μ s))	Up-5kA 0.7 kV
Protection level N/PE 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	3-phase+Neutral
Connection to Network	By screw terminals: 2.5-25mm ² (35mm ² 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 by pole - Red/Green
Spare module(s)	MDAC50VG-275+MDAC50G-275
Remote signaling of disconnection	Output on changeover contact
Wiring for remote signaling	1.5 mm ² max.
Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions	See diagram - 4TE (EN43880)
Weight	0.343 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
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Type 2 AC surge protector - 3-phase+N

AC POWER

DAC50VGS-31-275

Certification	KEMA / EAC
Part number	
821130244	

