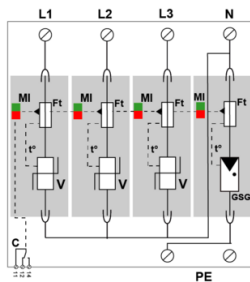
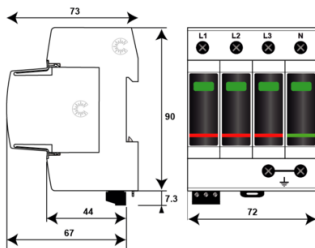


DAC50S-31-275



- Type 2 AC surge protector
- In : 20 kA
- I_{max} : 50 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.4 certified



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 (following IEC tests)	2
Network	230/400 V 3-phase+N
AC system	TT-TNS
Max. AC operating voltage	U _c 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 disconnection
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)	I _{pe} None
Follow current	I _f None
Nominal discharge current (15 x 8/20 μs impulses)	I _n 20 kA
Max. discharge current (max. withstand @ 8/20 μs by pole)	I _{max} 50 kA
Total Maximum discharge current (max. total withstand @ 8 /20 μs)	I _{max} Total 50 kA
Protection mode(s)	L/N and N/PE
Protection level L/N (@ I _n (8/20μs))	Up L/N 1.25 kV
Residual voltage L/N at 5 kA (@ 5 kA (8/20μs))	Up-5kA 1 kV
Protection level N/PE at 5 kA (@ 5 kA (8/20μs))	Up-5kA 1 kV
Admissible short-circuit current	I _{sc} 50 000 A

Mechanical Characteristics

Technology	MOV+GDT
SPD configuration	3-phase+Neutral
Connection to Network	By screw terminals: 2.5-25mm ²
Format	Plug-in modular box
Pluggable	Yes
Mounting	Symmetrical rail 35 mm (EN 60715)
Housing material	Thermoplastic UL94 V-0
Operating temperature	T _u -40/+85°C
Protection rating	IP20
Failsafe mode	Disconnection from AC network
Disconnection indicator	1 mechanical indicator by pole - Red/Green
Spare module(s)	MDAC50-275+MDACG-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	0.364 kg

Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	50 A min. - 125 A max. - Fuses Type gG

Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification	ÖVE / UL

Part number

821110244



DAC50S-31-275