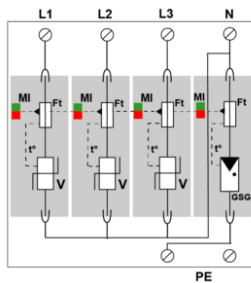
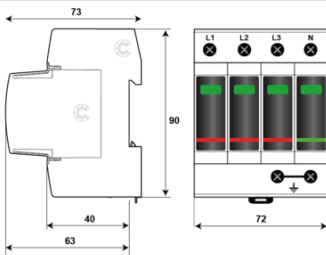


DAC80-31-275



- Re-inforced Type 2 AC surge protector
- I_n : 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



V: High-energy varistor
GSG: Specific Gas Tube
Ft: Thermal fuse
t*: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

SPD type	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
Residual Current Leakage current to Ground	I_{pe} < 1 mA
Follow current	I_f None
Nominal discharge current 15 x 8/20 μ s impulses	I_n 40 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max} 80 kA
Protection mode(s)	L/N and N/PE
Protection level @ I_n (8/20 μ s) and @ 6 kV (1,2/50 μ s)	Up L/N 1.6 kV
Protection level N/PE @ I_n (8/20 μ s) and @ 6 kV (1,2/50 μ s)	Up N/PE 1.5 kV
Admissible short-circuit current	I_{scrr} 50 000 A

Mechanical Characteristics

Technology	MOV+GDT
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	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)	MDAC80-275 + MDAC80G-255
Remote signaling of disconnection	option DAC80S-31-275 : output on changeover contact
Dimensions	See diagram - 4TE (EN43880)
Weight	0.416 kg

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

821210234