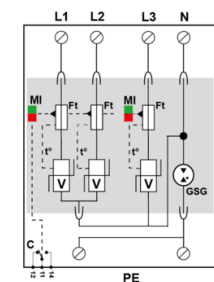
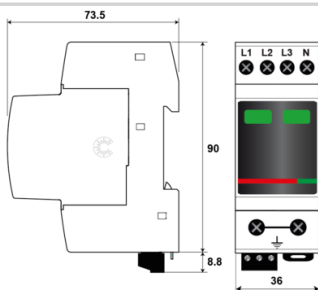


DAC40CS-31-275



- Compact, multipole type 2
- Conductivity per pole: $I_n = 20 \text{ kA}$; $I_{max} = 40 \text{ kA}$
- Protection modes - common and/or differential
- Safe disconnect device
- Transverse / longitudinal voltage protection
- Energetically coordinated
- Pluggable protection module
- Remote signalling
- Conforms to IEC 61643-11 / EN 61643-11
- Approved according to UL1449 ed.4



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
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 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)	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)	I _{max}	40 kA
Total Maximum discharge current (max. total withstand @ 8/20 μ s)	I _{max} Total	40 kA
Protection mode(s)		L/PE and N/PE
Protection level L/N (@ In (8/20 μ s))	Up L/N	1.25 kV
Admissible short-circuit current	Iscsr	10 000 A

Mechanical Characteristics

Technology		MOV+GDT
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: L/N = 1.5-10mm ² (16mm ² rigid) or PE = 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		2 mechanical indicators - Red/Green
Spare module(s)		MDAC40C-31-275
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 - 2TE (EN43880)
Weight		0.180 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		KEMA / EAC



Type 2 AC surge protector - 3-phase+N

AC POWER

DAC40CS-31-275

Part number

821520222

