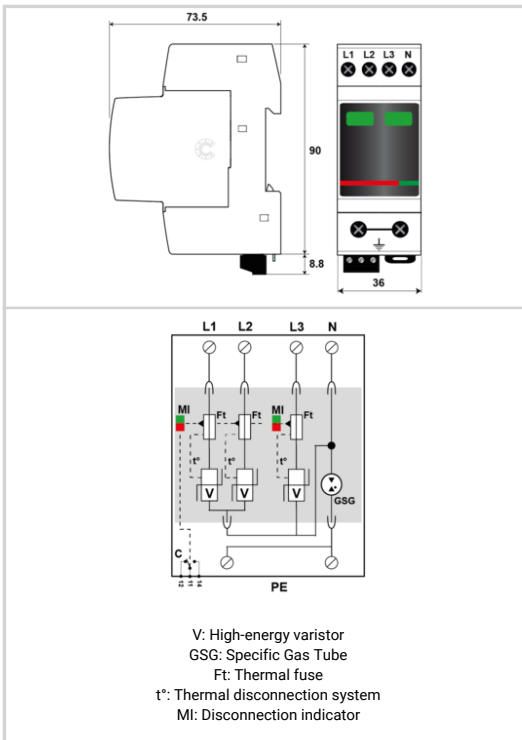


DAC40CS-31-275



- ↳ 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.5



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 580 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	If 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} 40 kA
Total Maximum discharge current max. total withstand @ 8 /20 μs	I _{max} Total 40 kA
Protection mode(s)	L/PE and N/PE
Protection level L/N @ (8/20μs)	Up L/N 1.25 kV
Admissible short-circuit current	I _{sc} 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	T _u -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.5
Certification	KEMA / EAC
Part number	
821520222	