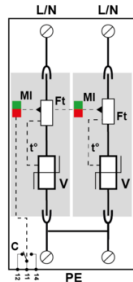
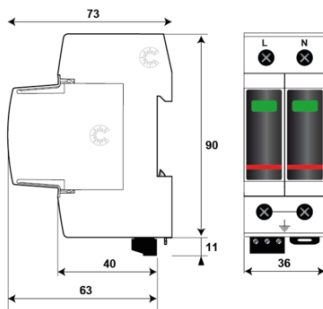


DAC50S-20-275



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



V: High-energy varistor
Ft: Thermal fuse
C: Remote signal contact
t°: Thermal disconnection system
MI: Disconnection indicator

Caractéristiques Électriques		
SPD type (following IEC tests)		2
Network		230 V single-phase
AC system		TN
Max. AC operating voltage L-N	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 µs impulses)	I _n	20 kA
Max. discharge current (max. withstand @ 8/20 µs by pole)	I _{max}	50 kA
Total Maximal discharge current (max. total withstand @ 8/20 µs)	I _{max} Total	100 kA
Protection mode(s)		L/PE and N/PE
Protection level L/PE (@ I _n [8/20µs])	Up L/PE	1.25 kV
Protection level N/PE at 5 kA (@ 5 kA [8/20µs])	Up-5kA	1 kV
Residual voltage L/PE at 5 kA (@ 5 kA [8/20µs])	Up-5kA	1 kV
Admissible short-circuit current	I _{sc}	50 000 A
Caractéristiques Mécaniques		
Technology		MOV
SPD configuration		Single phase
Connection to Network		by screw terminals: 2.5-25 mm ²
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm [DIN 60715]
Housing material		Thermoplastic UL94-V0
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
Remote signaling of disconnection		output on changeover contact
Wiring for remote signaling		1.5 mm ² max.
Maw. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions		See diagram - 2TE [EN43880]
Déconnecteurs associés		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		50 A mini. - 125 A max. - Fuses Type gG
Normes		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification		OVE
Code article		
821110222		