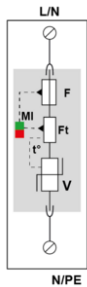
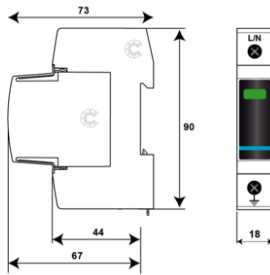


Type 2+3 AC surge protector - one-phase - pluggable with integrated fuse



MDACF15-10-275

- ▶ Type 2 (or 3) AC surge protector
- ▶ Interne Disconnection device
- ▶ Low caliber of the internal connector = systematic coordination with upstream circuit breaker
- ▶ In : 5 kA
- ▶ Imax : 15 kA
- ▶ Pluggable module for each phase
- ▶ Remote signaling option
- ▶ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



V: High-energy varistor
 Ft: Thermal fuse
 F: Overcurrent protection (fuse)
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics

SPD type		2 (or 3)
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
Residual Current Leakage current to Ground	Ipe	< 1 mA
Follow current	If	None
Nominal discharge current 15 x 8/20 μs impulses	In	5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	Uoc	10 kV
Protection level @ In (8/20μs)	Up	1 kV
Admissible short-circuit current	Iscrr	100 000 A

Mechanical Characteristics

Technology		MOV
SPD configuration		Single phase
Connection to Network		By screw terminals: 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		1 mechanical indicator - Red/Green
Spare module(s)		MDACF15-275
Remote signaling of disconnection		option DACF15S-10-275 : output on changeover contact
Wiring for remote signaling		1.5 mm ² max.
Dimensions		See diagram - 1TE (EN43880)
Weight		0.110 kg

Disconnectors

Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		internal (equivalent AC rating : 25 A, gG Type)

Standards

Standards compliance		IEC 61643-11 / EN 61643-11
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Part number

821310211