



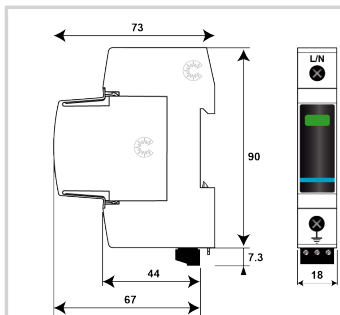
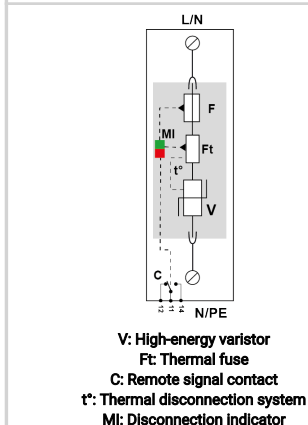
CITEL

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

DACF15S-10-440



- Type 2 (or 3) AC surge protector
- Internal Disconnection device
- Low fuse rating of the internal connector = systematic coordination with upstream circuit breaker
- In: 5 kA
- I_{max}: 15 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics

SPD type	IEC	2+3
Max. AC operating voltage	Uc	440 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	770 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	5 kA
Nominal discharge current N/PE 15 x 8/20 µs impulses	I _n N/PE	20 kA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	U _{oc}	10 kV
Protection level @ I _n (8/20µs)	U _p	1.5 kV
Admissible short-circuit current	I _{scrr}	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
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 - Red/Green
Spare module(s)	MDACF15-440
Remote signaling of disconnection	output on changeover contact
Wiring for remote signaling	1.5 mm ² max.
Dimensions	See diagram - 1TE (EN43880)

Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	internal (equivalent AC rating : 25 A, gG Type)

Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
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Part number

821310421

