



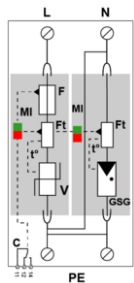
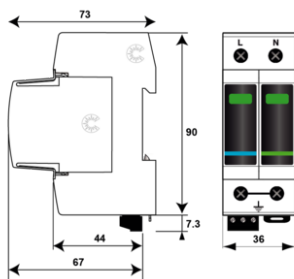
CITEL

Type 2 or 3 AC surge protector - pluggable with integrated fuse

DACF15S-11-275



- 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
- I_{max}: 15 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



V: High-energy varistor
GSG: Specific gas tube
F: Fuse
Ft: Thermal fuse
t*: Thermal disconnection system
MI: Disconnection indicator
C: Remote signal contact

Electrical Characteristics

SPD type	2 (or 3)
Network	230 V single-phase
AC system	TT-TN
Max. AC operating voltage	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
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	I _f None
Nominal discharge current 15 x 8/20 μs impulses	I _n 5 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 L/N @ I _n (8/20μs)	U _p L/N 1 kV
Protection level N/PE @ I _n (8/20μs)	U _p N/PE 1.5 kV
Admissible short-circuit current	I _{sc} 100 000 A

Mechanical Characteristics

Technology	MOV+GDT
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 by pole - Red/Green
Spare module(s)	MDACF15-275 + MDAC50G-255
Remote signaling of disconnection	output on changeover contact
Wiring for remote signaling	1.5 mm ² max.
Dimensions	See diagram - 2TE (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
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Part number

821310242

