



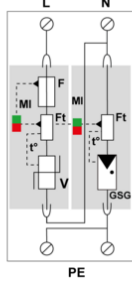
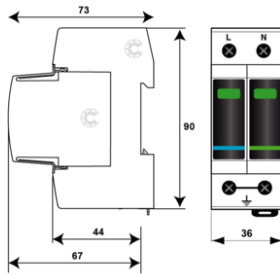
Type 2 or 3 AC surge protector - pluggable with integrated fuse

CITEL

DACF15-11-150



- Type 2 (or 3) AC surge protector
- Interne Disconnection device
- Low caliber of the internal connector = systematic coordination with upstream circuit breaker
- I_n : 5 kA
- I_{max} : 15 kA
- Pluggable module for each phase
- Remote signaling option
- 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

Electrical Characteristics

SPD type	IEC	2 (or 3)
Network		120 V single-phase
AC system		TT-TN
Max. AC operating voltage	Uc	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	230 Vac withstand
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	Ipe	None
Follow current	If	None
Nominal discharge current 15 x 8/20 μ s impulses	I_n	5 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max}	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s	Uoc	10 kV
Protection level L/N @ I_n (8/20 μ s)	Up L/N	0.6 kV
Protection level N/PE @ I_n (8/20 μ s)	Up N/PE	1.5 kV
Admissible short-circuit current	Iscrr	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	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator - Red/Green
Spare module(s)		MDACF15-150 + MDAC50G-255
Remote signaling of disconnection		option DACF15S-11-150 : 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
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Part number

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