



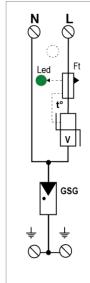
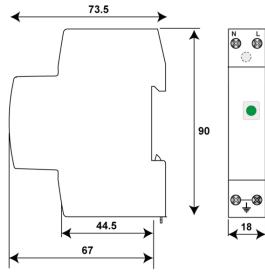
CITEL

Compact single-phase type 2 (or 3) surge protector - Monobloc

DACN15-P11-150



- Compact single-phase Type 2 (or 3) surge protector
- In : 5 kA
- Imax : 15 kA
- Commun/Differential mode
- Monobloc module
- Remote signaling option
- EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



V: High-energy varistor
GSG: Specific Gas Tube
Ft: Thermal fuse
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

SPD type	IEC	2 (or 3)
Network		120/208 V
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 ms Without disconnection or with safety disconnection	UT	230 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	Ipe	None
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 mode(s)		L/N and N/PE
Protection level L/N @ In (8/20µs)	Up L/N	0.7 kV
Protection level N/PE @ In (8/20µs)	Up N/PE	1.5 kV
Admissible short-circuit current	Isccr	10 000 A

Mechanical Characteristics

Technology	MOV+GDT
SPD configuration	Single phase
Connection to Network	By screw terminals: 1.5-10mm ²
Format	Monobloc 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	Green LED OFF
Remote signaling of disconnection	Option DACN15S-P11-150: output on changeover contact
Dimensions	See diagram - 1 TE (EN43880)
Weight	0.090 kg

Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	20 A min. - 125 A max. - Fuses type gG

Standards

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

70146011

