



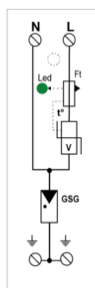
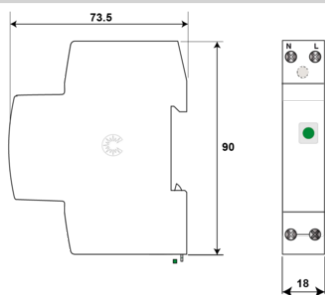
CITEL

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

DACN15-P11-150



- ↳ Compact single-phase Type 2 (or 3) surge protector
- ↳ I_n : 5 kA
- ↳ I_{max} : 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	2 (or 3)
Network	120/208 V
AC system	TT-TN
Max. AC operating voltage	U_c 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 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 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	U_{oc} 10 kV
Protection mode(s)	L/N and N/PE
Protection level L/N @ I_n (8/20 μ s)	U_p L/N 0.7 kV
Protection level N/PE @ I_n (8/20 μ s)	U_p N/PE 1.5 kV
Admissible short-circuit current	I_{sc} 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	T_u -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 - 1TE (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

