

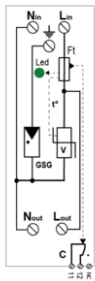
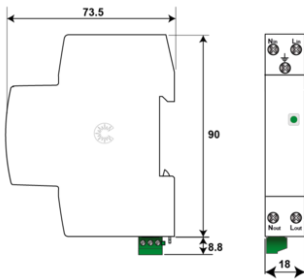
DACN10S-L11-150



- Cost effective single-phase surge protector
- Type 2+3 monobloc compact
- In/Imax: 5 kA/10 kA
- Max. load current: 16A
- Disconnection + AC line cut
- 2-port configuration (series mounting)
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance



Electrical Characteristics	
SPD type	2+3
Network	120 V single-phase
AC system	TT-TN
Max. AC operating voltage	Uc 150 Vac
Max. load current	IL 16 A
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 breaker disconnection
Residual Current Leakage current to Ground	Ipe None
Nominal discharge current 15 x 8/20 μ s impulses	In 5 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax 10 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 @ In (8/20 μ s)	Up L/N 0.7 kV
Protection level N/PE @ In (8/20 μ s)	Up N/PE 1.5 kV
Admissible short-circuit current	Iscrr 10 000 A
Mechanical Characteristics	
SPD configuration	Single phase
Connection to Network	By screw terminals: 1.5-10mm ²
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 and AC line cut-off
Disconnection indicator	Green LED OFF
Remote signaling of disconnection	Output on changeover contact
Wiring for remote signaling	1.5 mm ² max.
Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 2 A (DC)
Dimensions	See diagram - 1TE (EN43880)
Weight	0.092 kg
Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	Fuses type gG - 25A
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Part number	70112012



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