



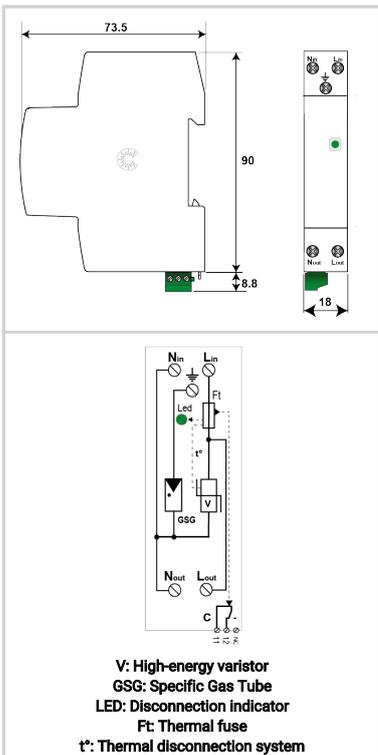
CITEL

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

DACN10S-L11-150



- Cost effective single-phase surge protector
- Type 2+3 monobloc compact
- I_n/I_{max}: 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	IEC	2+3
Network		120 V single-phase
AC system		TT-TN
Max. AC operating voltage	U _c	150 Vac
Max. load current @25°C	I _L	16 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	230 Vac disconnection
Temporary Over Voltage N/PE (TOV HT) <i>Without disconnection or with safety disconnection</i>	UT	1200 V/300A/200 ms breaker disconnection
Residual Current <i>Leakage current to Ground</i>	I _{pe}	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I _n	5 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	10 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i>	U _{oc}	10 kV
Protection level L/N <i>@ I_n (8/20μs)</i>	U _p L/N	0.7 kV
Protection level N/PE <i>@ I_n (8/20μs)</i>	U _p N/PE	1.5 kV
Admissible short-circuit current	I _{scrr}	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	T _u	-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)
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		

