



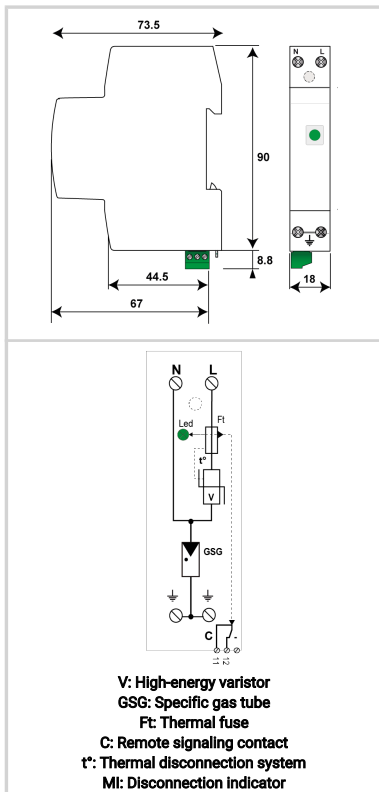
# CITEL

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

### DACN15S-P11-150



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



Electrical Characteristics		
SPD type	IEC	2+3
Network		120/208 V
AC system		TT-TN
Max. AC operating voltage	U <sub>c</sub>	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 <sub>pe</sub>	None
Follow current	I <sub>f</sub>	None
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U <sub>oc</sub>	10 kV
Protection mode(s)		L/N and N/PE
Protection level L/N @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> L/N	0.7 kV
Protection level N/PE @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> N/PE	1.5 kV
Admissible short-circuit current	I <sub>sc</sub>	10 000 A
Mechanical Characteristics		
Technology		MOV+GDT
SPD configuration		Single phase
Connection to Network		By screw terminals: 1.5-10mm <sup>2</sup>
Format		Monobloc modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	T <sub>u</sub>	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		Green LED OFF
Remote signaling of disconnection		output on changeover contact
Wiring for remote signaling		1.5 mm <sup>2</sup> max.
Max. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions		See diagram - 1TE (EN43880)
Weight		0.093 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
Part number		
<b>70146012</b>		





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