



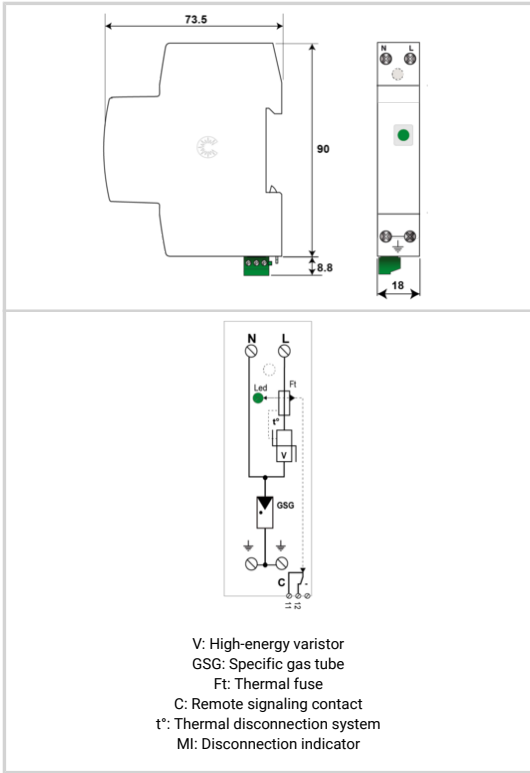
# Compact single-phase type 2 (or 3) surge protector - Monobloc

# CITEL

## 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	2 (or 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	
70146012	

