



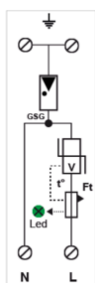
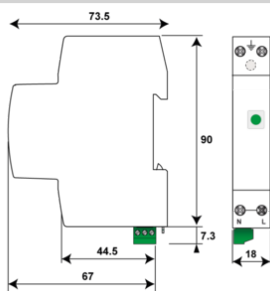
CITEL

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

DACN15-P11-275/INV



- Type 2 or 3 surge protectors with bottom connection
- Compact Single-phase
- In: 5 kA
- I_{max}: 15 kA
- Commun/Differential mode
- Monobloc module
- 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	IEC	2 (or 3)
Network		230/400 V
AC system		TT-TN
Max. AC operating voltage	U _c	275 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 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 μs impulses	I _n	5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U _{oc}	10 kV
Protection mode(s)		L/N and N/PE
Protection level L/N @ I _n (8/20μs)	U _p L/N	1.1 kV
Protection level N/PE @ I _n (8/20μs)	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		Bottom connection, 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
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		
70146023		

