

## DACN10-11-150



- Cost effective single-phase surge protector
- Type 2 or 3 monobloc compact
- In/Imax: 5 kA/10 kA
- Max. load current: 25A
- 2-port configuration (series mounting)
- Remote signaling (option)
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance

Electrical Characteristics		
SPD type	2 (or 3)	
Network	120 V single-phase	
AC system	TT-TN	
Max. AC operating voltage	Uc	150 Vac
Max. load current	IL	25 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 $\mu$ s impulses	In	5 kA
Max. discharge current max. withstand @ 8/20 $\mu$ s by pole	Imax	10 kA
Total Maximum discharge current max. total withstand @ 8/20 $\mu$ s	Imax Total	20 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 $\mu$ s - 8/20 $\mu$ s	Uoc	10 kV
Protection level L/N @ In (8/20 $\mu$ s)	Up L/N	0.7 kV
Protection level N/PE @ In (8/20 $\mu$ s)	Up N/PE	1.5 kV
Admissible short-circuit current	Isccr	10 000 A
Mechanical Characteristics		
SPD configuration	Single phase	
Connection to Network	By screw terminals: 1.5-10mm <sup>2</sup>	
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 from AC network	
Disconnection indicator	Green LED OFF	
Remote signaling of disconnection	option DACN10S-11-150	
Dimensions	See diagram - 1TE (EN43880)	
Weight	0.090 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	70111011	

