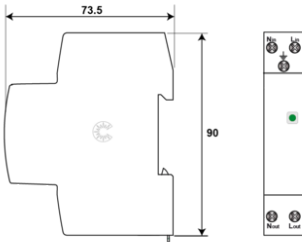
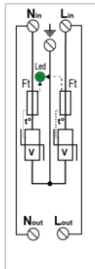


DACN10-20-275



- 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		
 V: Varistor Ft: Thermal fuse LED: Disconnection indicator t*: Thermal disconnection system	SPD type		2 (or 3)
	Network		230 V single-phase
	AC system		TN
	Max. AC operating voltage		Uc 275 Vac
	Max. load current		IL 25 A
	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 breaker disconnection
	Residual Current Leakage current to Ground		Ipe None
	Nominal discharge current 15 x 8/20 μ s impulses		In 5 kA
	Max. discharge current max. withstand @ 8/20 μ s by pole		Imax 10 kA
	Total Maximum discharge current max. total withstand @ 8/20 μ s		Imax Total 20 kA
	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s		Uoc 10 kV
	Protection level N/PE @ In (8/20 μ s)		Up N/PE 1.1 kV
	Protection level L/PE @ In (8/20 μ s)		Up L/PE 1.1 kV
	Admissible short-circuit current		Iscrr 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		Tu	-40/+85°C
Protection rating		IP20	
Failsafe mode		Disconnection from AC network	
Disconnection indicator		Green LED OFF	
Remote signaling of disconnection		option DACN10S-20-275	
Dimensions		See diagram - 1 TE (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			
70113021			