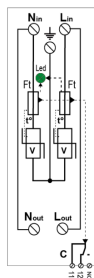
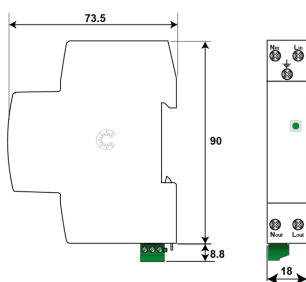


DACN10S-20-440


- ✦ 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
- ✦ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



V: High-energy varistor
 GSG: Specific Gas Tube
 LED: Disconnection indicator
 Ft: Thermal fuse
 t*: Thermal disconnection system

Electrical Characteristics			
SPD type	IEC	2 (or 3)	
Network		230 V single-phase	
AC system		IT-TN	
Max. AC operating voltage	Uc	440 Vac	
Max. load current @25°C	IL	25 A	
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	580 Vac withstand	
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	770 Vac disconnection	
Residual Current Leakage current to Ground	Ipe	< 1 mA	
Nominal discharge current 15 x 8/20 µs impulses	In	5 kA	
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	10 kA	
Total Maximum discharge current max. total withstand @ 8/20 µs	Imax Total	20 kA	
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	10 kV	
Protection level N/PE @ In (8/20µs)	Up N/PE	1.6 kV	
Protection level L/PE @ In (8/20µs)	Up L/PE	1.6 kV	
Admissible short-circuit current	Iscrc	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		output on NC contact	
Wiring for remote signaling		1.5 mm ² max.	
Max. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 2 A (DC)	
Dimensions		See diagram - 1TE (EN43880)	
Weight		0.092 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			
70113032			