



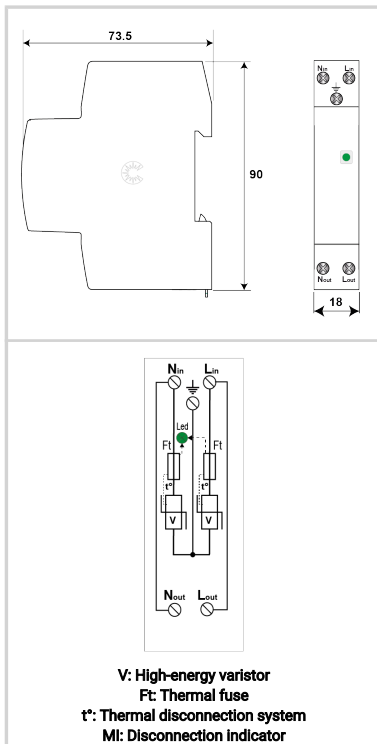
CITEL

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

DACN10-20-440



- › 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 (option)
- › EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics		
SPD type	IEC	2+3
Network		230/400 V
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. <i>Without disconnection</i>	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	770 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	Ipe	< 1 mA
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	5 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	10 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	Imax Total	20 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i>	Uoc	10 kV
Protection level N/PE <i>@ In (8/20μs)</i>	Up N/PE	1.6 kV
Protection level L/PE <i>@ In (8/20μs)</i>	Up L/PE	1.6 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-20-440
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		
70113031		

