



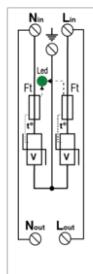
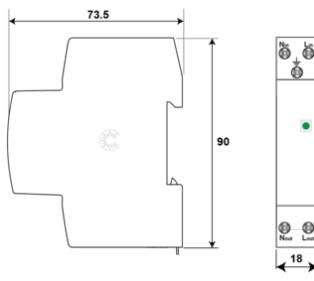
Compact single-phase type 2 (or 3) surge protector - Monobloc

CITEL

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



V: Varistor
Ft: Thermal fuse
LED: Disconnection indicator
t°: Thermal disconnection system

Electrical Characteristics

SPD type	IEC	2 (or 3)
Network		230 V single-phase
AC system		TN
Max. AC operating voltage	Uc	275 Vac
Max. load current @25°C	IL	25 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	440 Vac disconnection
Temporary Over Voltage N/PE (TOV HT) <i>Without disconnection or with safety disconnection</i>	UT	1200 V/300A/200 ms breaker disconnection
Residual Current <i>Leakage current to Ground</i>	Ipe	None
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	1.1 kV
Protection level L/PE <i>@ In (8/20µs)</i>	Up L/PE	1.1 kV
Admissible short-circuit current	Isccr	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
Protection rating	-40/+85°C
Failsafe mode	IP20
Disconnection indicator	Disconnection from AC network
Remote signaling of disconnection	Green LED OFF
Dimensions	option DACN10S-20-275
Weight	See diagram - 1TE (EN43880)
	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
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Part number

70113021

