



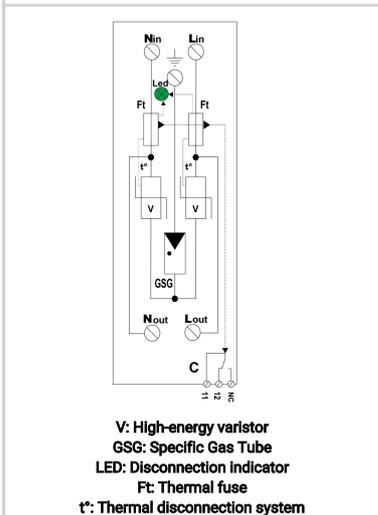
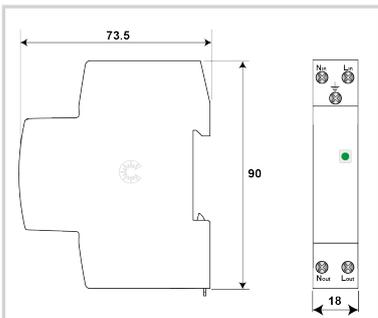
# CITEL

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

### DACN10-L21YG-275



- ▶ Cost effective single-phase surge protector
- ▶ Type 2+3 monobloc compact
- ▶ In/Imax: 5 kA/10 kA
- ▶ Max. load current: 16A
- ▶ Disconnection + AC line cut
- ▶ 2-port configuration (series mounting)
- ▶ Remote signaling
- ▶ EN 61643-11, IEC 61643-11 compliance



Electrical Characteristics		
SPD type	IEC	2+3
Network		230 V single-phase
AC system		TN
Max. AC operating voltage	Uc	275 Vac
Max. load current @25°C	IL	16 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
Residual Current Leakage current to Ground	Ipe	None
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
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	Uoc	10 kV
Protection level L/N @ In (8/20μs)	Up L/N	1.3 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	Iscrr	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 and AC line cut-off
Disconnection indicator		Green LED OFF
Remote signaling of disconnection		option DACN10S-L21YG-275
Dimensions		See diagram - 1TE (EN43880)
Weight		0.086 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		
<b>70115021</b>		

