



# 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



	<b>Electrical Characteristics</b>		
	SPD type	IEC	2+3
<p>V: High-energy varistor GSG: Specific Gas Tube LED: Disconnection indicator Ft: Thermal fuse t*: Thermal disconnection system</p>	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
<b>Mechanical Characteristics</b>			
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	
<b>Disconnectors</b>			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
Back-up protection device		Fuses type gG - 25A	
<b>Standards</b>			
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
<b>Part number</b>			
70115021			

