



# CITEL

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

### DACN10S-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
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



	<b>Electrical Characteristics</b>		
	SPD type	2 (or 3)	
<p>V: Varistor Ft: Thermal fuse LED: Disconnection indicator t*: Thermal disconnection system C: Remote signal contact</p>	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. Without disconnection	UT	335 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac disconnection
	Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT	1200 V/300A/200 ms breaker 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
	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 L/N @ In (8/20µs)	Up L/N	1.1 kV
	Protection level N/PE @ In (8/20µs)	Up N/PE	1.1 kV
	Admissible short-circuit current	Iscrc	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 from AC network	
Disconnection indicator		Green LED OFF	
Remote signaling of disconnection		output on NC contact	
Wiring for remote signaling		1.5 mm <sup>2</sup> max.	
Max. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 2 A (DC)	
Dimensions		See diagram - 1TE (EN43880)	
Weight		0.0924 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>			
70113022			

