



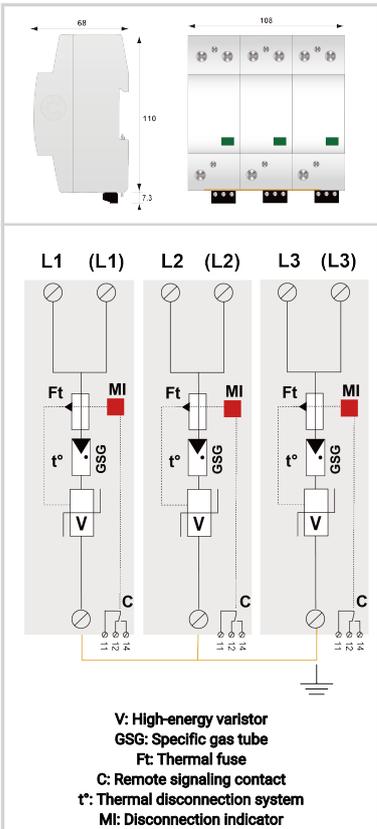
# CITEL



## Type 2+3 AC surge protector -3-pole - Monobloc

### DACN30VGS-30-1260

- Type 2 + 3 AC surge protector
- VG Technology
- In: 15 kA
- No leakage current
- Monobloc module for each phase
- Remote signaling
- Optimized to TOV
- EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



#### Electrical Characteristics

SPD type	IEC	2+3
Nominal line voltage	Un	1140 Vac
Max. AC operating voltage	Uc	1260 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	1650 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	2200 Vac disconnection
Residual Current Leakage current to Ground	Ipe	None
Follow current	If	None
Nominal discharge current 15 x 8/20 μs impulses	In	15 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	30 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	Uoc	6 kV
Protection level @ In (8/20μs)	Up	4.0 kV
Protection level @ In (8/20μs) and @ 6 kV (1.2/50 μs)	Up	5.0 kV
Residual voltage at 5 kA @ 5 kA (8/20μs)	Up-5kA	3.2 kV
Admissible short-circuit current	Iscrr	25 000 A

#### Mechanical Characteristics

Technology	VG Technology (MOV+GSG)	
SPD configuration	3-phase	
Connection to Network	By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid)	
Format	Monobloc modular box	
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	1 mechanical indicator - Red/Green	
Remote signaling of disconnection	Output on changeover 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 / 3 A (DC)	
Dimensions	See diagram - 6TE (EN43880)	
Weight	0.749 kg	

#### Disconnectors

Thermal disconnector	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	Fuses type gG - 50 A	

#### Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
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#### Part number

**29423032**

