



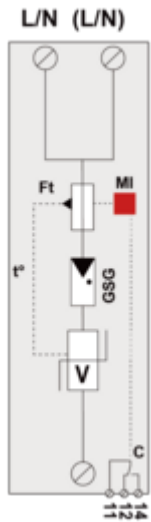
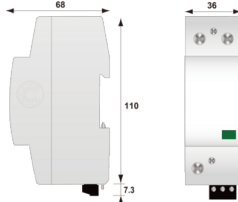
## Type 2+3 AC surge protector - Unipolar - Monobloc

# CITEL

## DACN30VGS-10-1260



- ↳ 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



V: High-energy varistor  
 GSG: Specific gas tube  
 Ft: Thermal fuse  
 C: Remote signaling contact  
 t\*: Thermal disconnection system  
 MI: Disconnection indicator

Electrical Characteristics	
SPD type	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	Ipe None
Leakage current to Ground	Ile 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	Imax 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	Iscrc 25 000 A
Mechanical Characteristics	
Technology	VG Technology (MOV+GSG)
SPD configuration	1-pole
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 - 2TE (EN43880)
Weight	0.242 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
Part number	
29421032	

