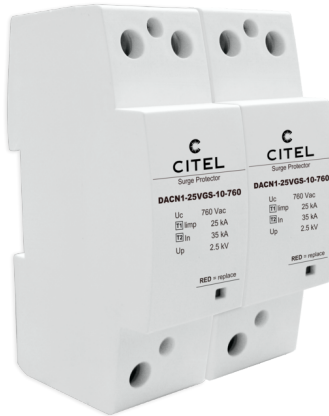
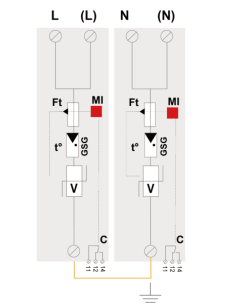
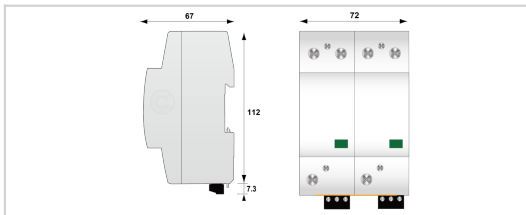


DACN1-25VGS-20-760


- ✦ Type 1 + 2+3 AC surge protector
- ✦ VG Technology
- ✦ In: 35 kA
- ✦ Iimp: 25 kA on 10/350µs impulse
- ✦ No leakage current
- ✦ Unpluggable module for each phase
- ✦ Remote signaling
- ✦ Optimized to TOV
- ✦ EN 61643-11, IEC 61643-11 certified



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	IEC	1+2+3
Network		Up to 690 Vac single-phase
Max. AC operating voltage	Uc	760 Vac
Max. load current @25°C	IL	100 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	1000 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	1325 Vac disconnection
Residual Current	Ipe	None
Leakage current to Ground		
Follow current	If	None
Nominal discharge current	In	35 kA
15 x 8/20 µs impulses		
Max. discharge current	Imax	70 kA
max. withstand @ 8/20 µs by pole		
Impulse current by pole	Iimp	25 kA
max. withstand 10/350µs by pole		
Total lightning current	Itotal	50 kA
max. total withstand @ 10/350µs		
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	6 kV
Specific energy by pole	W/R	156 kJ/ohm
max. withstand 10/350 µs		
Protection mode(s)		L/PE and N/PE
Protection level @ In (8/20µs) and @ 6 kV (1.2/50 µs)	Up	2.5 kV
Protection level L/PE @ In (8/20µs)	Up L/PE	2.5 kV
Admissible short-circuit current	Iscrr	50 000 A
Mechanical Characteristics		
Technology		VG Technology (MOV+GSG)
SPD configuration		2-poles
Connection to Network		By screw terminals: 2.5-25mm ² (35mm ² rigid)
Format		1-pole modular box assembled
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 by pole - Red/Green
Remote signaling of disconnection		Output on changeover contact
Wiring for remote signaling		1.5 mm ² max.
Max. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions		See diagram - 4TE (EN43880)
Weight		0.964 kg
Disconnectors		
Thermal disconnecter		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses Type gG 315 A
Standards		
Standards compliance		EN 61643-11 / IEC 61643-11
Certification		TUV
Part number		
29222012		