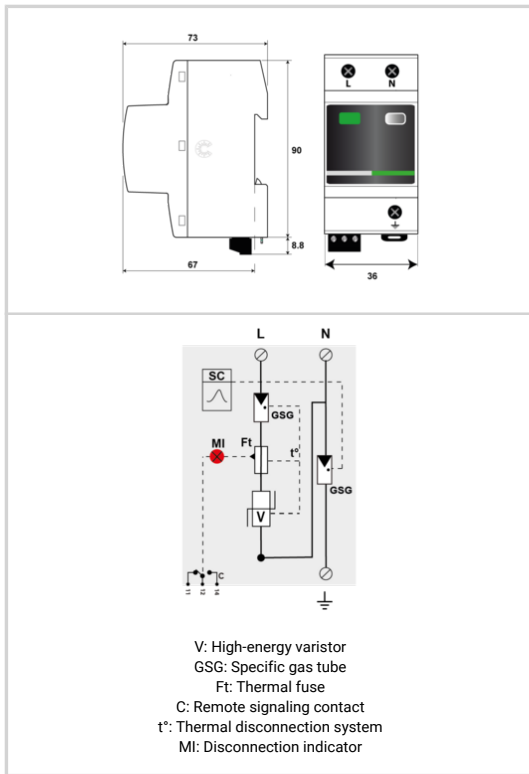


DACN1-25CVGS-11-275/SC



- Type 1 + 2+3 AC surge protector
- Integrated surge counter
- VG Technology
- Iimp: 25 kA on 10/350µs impulse
- In: 25 kA
- Optimized to TOV
- No leakage current
- Monobloc
- Remote signaling
- EN 61643-11, IEC 61643-11 complied



Electrical Characteristics			
SPD type			1+2+3
Network			230 V single-phase
AC system			TT-TNS
Max. AC operating voltage	Uc		275 Vac
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 withstand
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT		1200 V/300A/200 ms withstand
Residual Current Leakage current to Ground	Ipe		None
Follow current	If		None
Nominal discharge current 15 x 8/20 µs impulses	In		25 kA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}		100 kA
Impulse current by pole max. withstand 10/350µs by pole	I _{imp}		25 kA
Total lightning current max. total withstand @ 10/350µs	I _{total}		50 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc		6 kV
Protection level L/N @ In (8/20µs)	Up L/N		1.5 kV
Protection level N/PE @ In (8/20µs)	Up N/PE		1.5 kV
Minimum current sensibility	I _{tc}		100 A
Admissible short-circuit current	I _{sc}		50 000 A
Mechanical Characteristics			
Technology			VG Technology (MOV+GSG)
SPD configuration			Single phase
Connection to Network			By screw terminals: 2.5-25mm ² (35mm ² 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 ² max.
Max. Voltage/Current for remote signaling			250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Weight			0.289 kg
Disconnectors			
Thermal disconnector			Internal
Installation ground fault breaker			Type 'S' or delayed
Back-up protection device			315 A max. - Fuses Type gG / or SFD1-25S
Standards			
Standards compliance			EN 61643-11 / IEC 61643-11
Part number			
64191			