



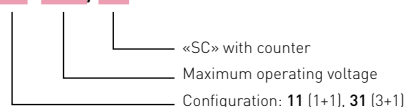
DACN1-25CVGS/SC

DACN1-25CVGS SERIES

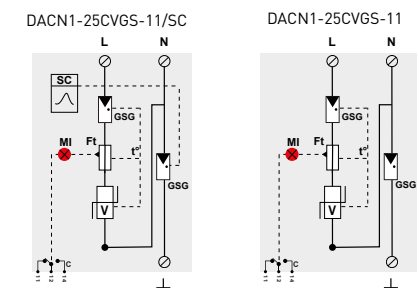
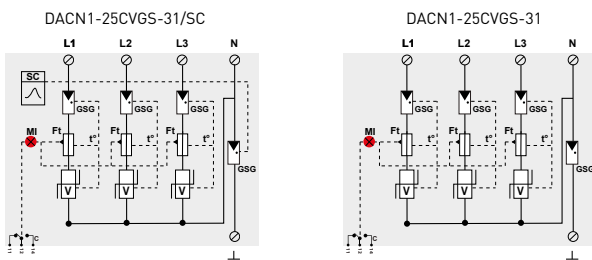
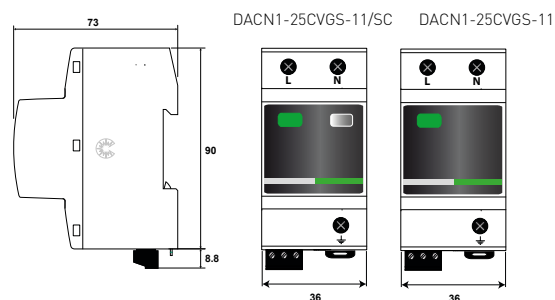
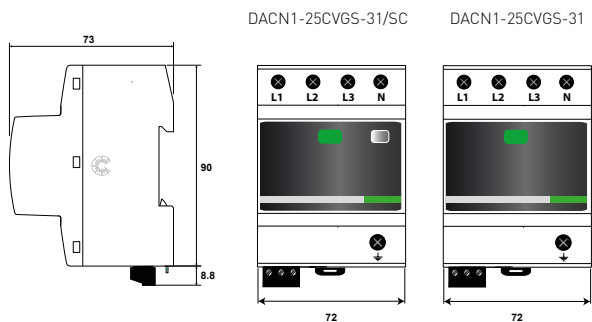


- With or without counter
- Monobloc
- limp : 25 kA
- EN 61643-11, IEC 61643-11
- Compact
- Optimized TOV
- Remote signaling

DACN1-25CVGS-**xx-xxx/xx**



Characteristics



V: High-energy varistor network
GSG: Specific gas tube
Ft: Thermal fuse
DI: Disconnection indicator
t°: Thermal disconnection system

CITEL model		DACN1-25CVGS-31-275*	DACN1-25CVGS-11-275*
Description		3-phase+N	Single Phase
Network		230/400 V	230/400 V
Max. AC operating voltage	Uc	275 Vac	275 Vac
Temporary Over Voltage (TOV) characteristic - 5 sec.	UT	335 Vac withstand	335 Vac withstand
Temporary Over Voltage (TOV) characteristic - 120 mn	UT	440 Vac withstand	440 Vac withstand
Temporary Over Voltage N/PE (TOV HT)	UT	1200 V/300A/200 ms tenue	
Residual current - Leakage current at Uc	Ipe	none	none
Follow current	If	none	none
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	25 kA	25kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	100 kA	100 kA
Impulse current by pole <i>max. withstand 10/350μs</i>	I _{imp}	25 kA	25 kA
Total lightning current <i>max. withstand 10/350 μs</i>	I _{total}	100 kA	50 kA
Withstand on Combination waveform <i>Class III test</i>	Uoc	6 kV	6 kV
Protection level L/N <i>@ In 18/20μs and @ 6 kV (1.2/50μs)</i>	Up	1.5 kV	1.5 kV
Admis. short-circuit current	I _{sc}	50 000 A	50 000 A
Associated disconnectors			
Thermal disconnector		internal	
Fuses		Fuse type gG - 315 A / or CITEL SFD1-25S	
Installation ground fault breaker		Type «S» or delayed	
Mechanical characteristics			
Dimensions		see diagram	
Connection to Network		By screw terminals : 2.5-25 mm ² (35 mm ² rigid)	
Failsafe Mode		Disconnection from AC network	
Disconnection indicator		1 mechanical indicator Green/Red	
Max. voltage/current for remote signaling		250 V / 0.5 A (AC) / 30 V / 3 A (DC)	
Remote signaling		output on changeover contact	
Wiring for remote signaling		1.5 mm ² max.	
Mounting		Symmetrical rail 35 mm (EN60715)	
Operating temperature		-40/+85°C	
Protection rating		IP20	
Housing material		Thermoplastic UL94 V-0	
Standards			
Compliance		IEC 61643-11 / EN 61643-11	
Part number			
With counter DACN1-25CVGS-xx-275/SC		64136	64191
Without counter DACN1-25CVGS-xx-275		64135	64176