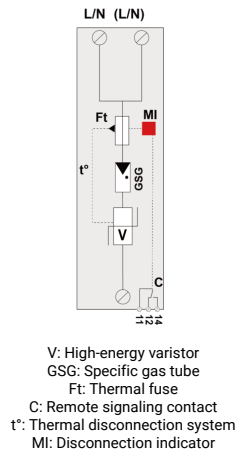
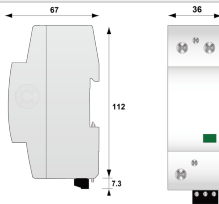


DACN1-25VGS-10-440


- ✦ Type 1 + 2+3 AC surge protector
- ✦ VG Technology
- ✦ In: 25 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 complied



Electrical Characteristics			
SPD type	IEC	1+2+3	
Max. AC operating voltage	Uc	440 Vac	
Max. load current @25°C	IL	100 A	
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	580 Vac withstand	
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	770 Vac disconnection	
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}	70 kA	
Total Maximum discharge current max. total withstand @ 8/20 µs	I _{max} Total	140 kA	
Impulse current by pole max. withstand 10/350µs by pole	I _{imp}	25 kA	
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	6 kV	
Specific energy by pole max. withstand 10/350 µs	W/R	156 kJ/ohm	
Protection level @ In (8/20µs) and @ 6 kV (1,2/50 µs)	Up	1.5 kV	
Admissible short-circuit current	Isc _{cr}	50 000 A	
Mechanical Characteristics			
Technology	VG Technology (MOV+GSG)		
SPD configuration	Single phase		
Connection to Network	By screw terminals: 6-35mm ² / by bus		
Format	1-pole 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)		
Dimensions	See diagram - 2TE (EN43880)		
Weight	0.408 kg		
Disconnectors			
Thermal disconnector	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		
Part number			
29221022			