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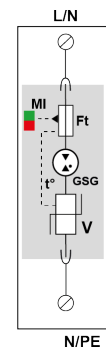
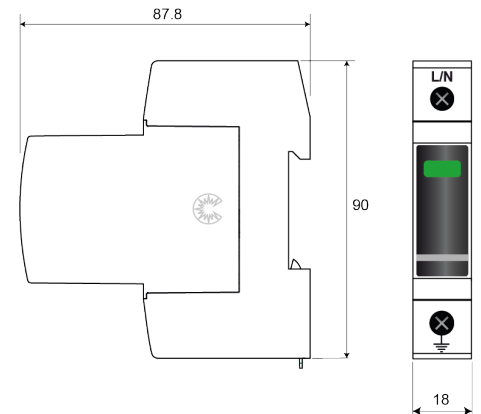


DAC1-13VG-10-150

- Type 1 + 2 + 3 AC surge protector
- VG Technology
- I_n : 20 kA
- I_{imp} : 12.5 kA on 10/350 μ s impulse
- No leakage current
- Pluggable module for each phase
- Remote signaling (option)
- Optimized to TOV
- EN 61643-11, IEC 61643-11 and UL1449 ed.4 compliance



Electrical Characteristics		
SPD type		1+2+3
Max. AC operating voltage L-N	U_c	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	U_T	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	U_T	230 Vac withstand
Residual Current <i>Leakage current to Ground</i>	I_{pe}	None
Follow current	I_f	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I_n	20 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I_{max}	50 kA
Impulse current by pole <i>max. withstand 10/350μs by pole</i>	I_{imp}	12.5 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i>	U_{oc}	6 kV
Specific energy by pole <i>max. withstand 10/350 μs</i>	W/R	40 kJ/ohm
Protection level <i>@ I_n (8/20μs) and @ 6 kV (1,2/50 μs)</i>	U_p	1.5 kV
Residual voltage at 5 kA <i>@ 5 kA (8/20μs)</i>	U_p-5kA	0.4 kV
Admissible short-circuit current	I_{scrr}	50 000 A
Mechanical Characteristics		
Technology		VG
SPD configuration		1-pole
Connection to Network		By screw terminals: 2.5-25 mm ² (35 mm ² rigid)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN60715)
Housing material		Thermoplastic UL94-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		Mechanical indicator Green/Red
Spare module(s)		MDAC1-13VG-150
Remote signaling of disconnection		option DAC1-13VGS-10-150 : output on changeover contact
Wiring for remote signaling		1.5 mm ² max.
Maw. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions		See diagram - 1TE (EN43880)
Weight		0.145 kg





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Disconnectors	
Thermal disconnecter	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	125 A min. - 315 A max. - Fuses Type gG
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification	IEC 61463-11 / EN 61643-11
Part Number	
	821730111

V: High-energy varistor
GSG: Specific Gas Tube
Ft: Thermal fuse
t°: Thermal disconnection system
MI: Disconnection indicator