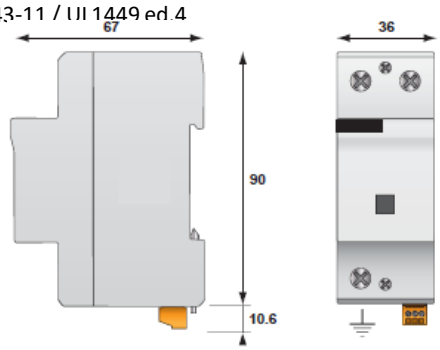
Type 1 + 2 + 3 SPD
DGV 440

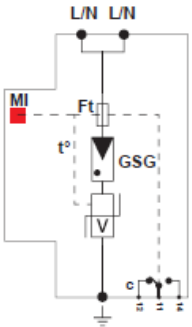
Designation		**DGV 440**
Part number		**P8312H**
Electrical characteristics		
Technology		Specific gas discharge tube + MOV
Number of pole		One pole (1)
Network nominal voltage		230v/400v
Neutral configuration		IT – TN C1 mode
		TT – TNS C2 mode with DE or DI module for N/PE
Max. AC operating system	U_C	440 Vac
Temporary Over Voltage (TOV)	UT	580 Vac/5 s withstand
Temporary Over Voltage (TOV)	UT	770 Vac/120mn withstand
Leakage current	I_{pe}	None
Follow current	I_f	None
Impulse current by pole	I_{imp}	25 kA
Max. withstand 10/350µs		
Nominal discharge current	I_n	25 kA
15 x 8/20µs impulses		
Max. discharge current	I_{max} total	70kA
Max. withstand @ 8/20µs		
Max. discharge current	I_{max}	20 kV
Max. withstand @ 8/20µs		
Protection level (@In)	U_p	1.5kV
Admissible short-circuit current	I_{sccr}	50 000 A

Associated disconnectors	
Thermal disconnector	internal
Fuses	Fuses type gG – 315 A max.
Installation ground fault breaker	Type “S” or delayed
Mechanical characteristics	
Connection	by screw :6 – 35 mm² / by bus
Disconnection indicator	mechanical indicator
Remote signaling of disconnection	output on changeover contact
Mounting	DIN rail 35mm
Operating temperature	-40°C /+85°C
Ingress Protection	IP20

V : High energy MOV
MI : Disconnection indicator
Ft : Thermal fuse
t°: Thermal disconnection mechanism
C : Contact for remote signaling

Standards compliance
IEC 61 643-1 (international) Low voltage SPD – test class I, II and III
EN 61 643-11 (Europe) Low voltage SPD – test class I, II and III
NF EN 61 643-11 / UL 1449 ed.4





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