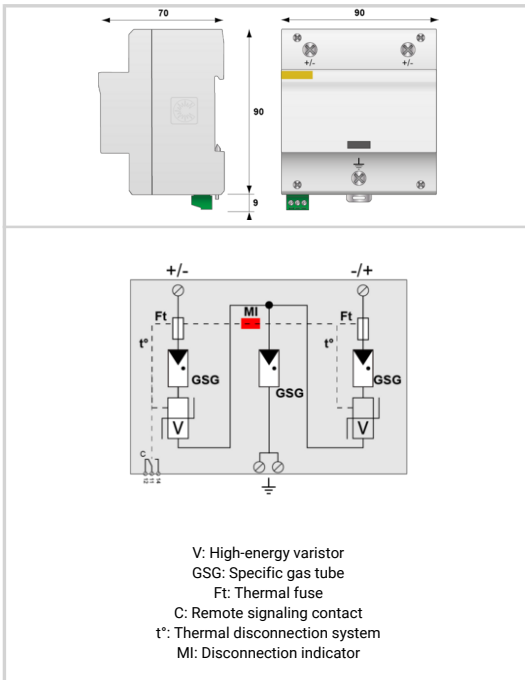


DS60VGPV-1000G/51



- Type 1+2 surge protector for photovoltaic
- VG technology
- 1000 Vdc
- No leakage, no operating currents
- Improved life expectancy
- I_{imp} : 12,5 kA/pole
- Common/Differential mode protection
- Remote signaling
- NF EN 61643-31 / NF EN 50539-11 compliance



Electrical Characteristics		
SPD type		1+2
Network		PV network 1000 Vdc
Nominal PV voltage	Uocstc	1000 Vdc
Max. PV operating voltage	Ucpv	1200 Vdc
Residual Current Leakage current to Ground	I _{pe}	None
PV Permanent Operating current Current consumption at Ucpv	I _{cpv}	None
Follow current	I _f	None
Nominal discharge current 15 x 8/20 μs impulses	I _n	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	40 kA
Impulse current by pole max. withstand 10/350μs by pole	I _{imp}	12.5 kA
Total lightning currentmax. total withstand @ 10/350μs	I _{total}	25 kA
Current withstand short circuit PV	I _{scpv}	15 000 A
Connection mode(s)		+/-/PE
Protection mode(s)		Common/Differential mode
Protection level +/-@ I _n (8/20μs)	U _p	5.4 kV
Protection level +/-PE (-/PE)@ I _n (8/20μs)	U _p	4.7 kV
Mechanical Characteristics		
Technology		VG Technology (MOV+GSG)
Connection to Network		By screw terminals: 6-35mm ²
Format		1-pole modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	T _u	-40/+85°C
Protection rating		IP20
Outdoor application		No
Failsafe mode		Disconnection SPD of the PV line
Disconnection indicator		1 mechanical indicator
Remote signaling of disconnection		Output on changeover contact - 250 Vac/0.5 A (AC) - 30 Vdc/3A (DC)
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Fuses		Without
Standards		
Standards compliance		EN 61643-31 / EN 50539-11
Certification		EAC
Part number		
3958		