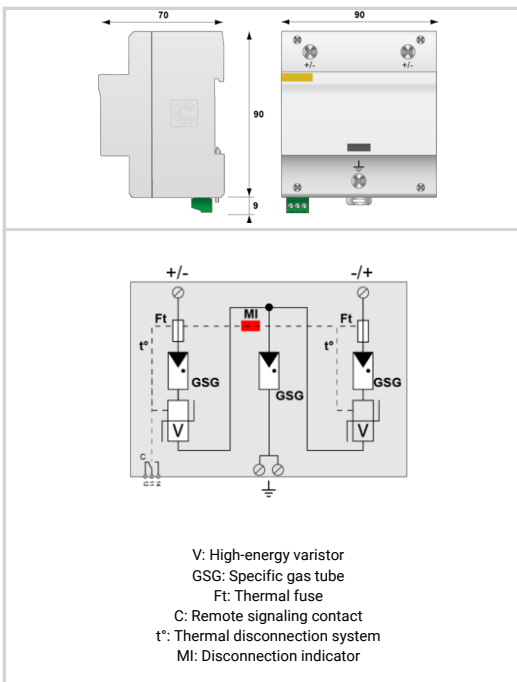


## DS60VGPV-1500G/51



- Type 1+2 surge protector for photovoltaic
- VG technology
- Ucpv : 1500 Vdc
- No leakage, no operating currents
- Improved life expectancy
- Iimp : 12,5 kA/pole
- Itotal : 25 kA
- Common/Differential mode protection
- Remote signaling
- IEC 61643-31, EN 50539-11 compliance



Electrical Characteristics	
SPD type	1+2
Network	PV network 1250 Vdc
Nominal PV voltage	Uocstc 1250 Vdc
Max. PV operating voltage	Ucpv 1500 Vdc
Residual Current Leakage current to Ground	Ipe None
PV Permanent Operating current Current consumption at Ucpv	Icpv None
Follow current	If None
Nominal discharge current 15 x 8/20 μs impulses	In 20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub> 40 kA
Impulse current by pole max. withstand 10/350μs by pole	I <sub>imp</sub> 12.5 kA
Total lightning current max. total withstand @ 10/350μs	I <sub>total</sub> 25 kA
Current withstand short circuit PV	I <sub>scpv</sub> 15 000 A
Connection mode(s)	+/-/PE
Protection mode(s)	Common/Differential mode
Protection level +/-@ In (8/20μs)	Up 5.4 kV
Protection level +/-PE (-/PE)@ In (8/20μs)	Up 4.7 kV
Mechanical Characteristics	
Technology	VG Technology (MOV+GSG)
Connection to Network	By screw terminals: 6-35mm <sup>2</sup>
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
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	IEC 61643-31 / EN 61643-31 / EN 50539-11
Certification	EAC
Part number	
3956	