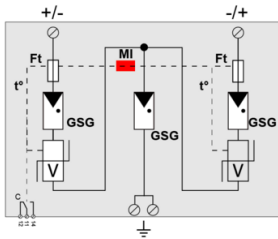
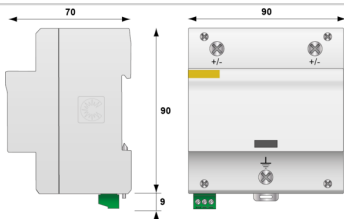




- Type 1+2 surge protector for photovoltaic
- VG technology
- 1000 Vdc
- No leakAge, no operating currents
- Improved life expectancy
- Iimp : 12,5 kA/pole
- Common/Differential mode protection
- Remote signaling
- NF EN 61643-31 / NF EN 50539-11 compliance

**Electrical Characteristics**

SPD type (following IEC tests)		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)	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)	Imax	40 kA
Impulse current by pole (max. withstand 10/350μs by pole)	Iimp	12.5 kA
Total lightning current(max. total withstand @ 10/350μs)	Itotal	25 kA
Current withstand short circuit PV	Iscpv	15000 A
Connection mode(s)		+/-/PE
Protection mode(s)		Common/Differential mode
Protection level +/- ( @ In (8/20μs))	Up	4.9 kV
Protection level +/-PE (-/PE) ( @ In (8/20μs))	Up	3.4 kV

**Mechanical Characteristics**

Technology		VG Technology (MOV+ GSG)
Connection to Network		screw terminals: 6-35mm <sup>2</sup>
Format		1-pole modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94-V0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
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 / NF EN 50539-11
Certification		VDE / ÖVE / EAC

**Part number****3958**