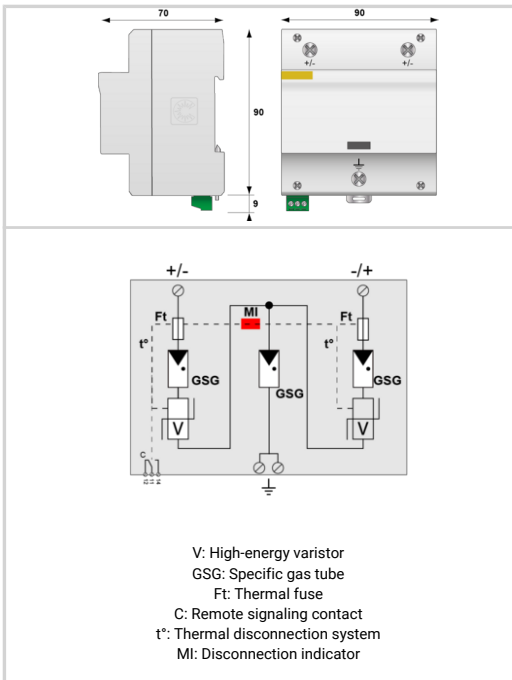


DS60VGPV-1500G/51



- 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 _{max} 40 kA |
| Impulse current by pole max. withstand 10/350μs by pole | I _{imp} 12.5 kA |
| Total lightning current max. 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 +/-@ 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 ² |
| 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 | |

