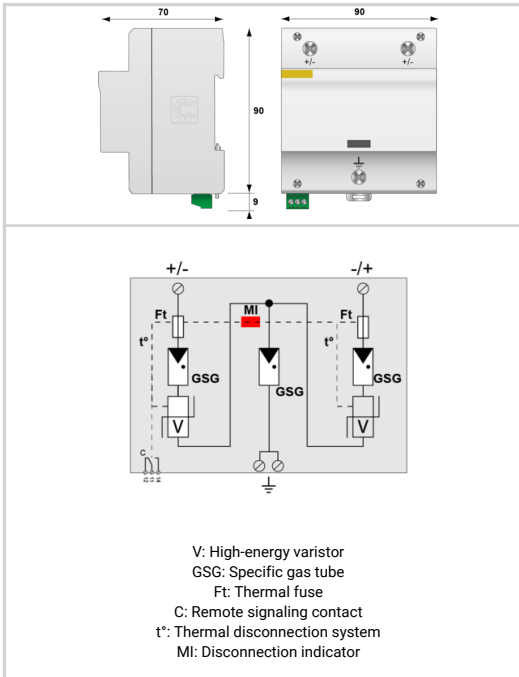


DS60VGPV-600G/51



- Type 1+2 surge protector for photovoltaic
- VG technology
- 600 Vdc
- No leakage, no operating currents
- Improved life expectancy
- Iimp : 12.5 kA/pole
- Common/Differential mode protection
- Remote signaling
- IEC 61643-11 and EN 50539-11 compliance



| Electrical Characteristics | |
|--|--|
| SPD type | 1+2 |
| Network | PV network 600 Vdc |
| Nominal PV voltage | Uocstc 600 Vdc |
| Max. PV operating voltage | Ucpv 720 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 15 000 A |
| Connection mode(s) | +/-/PE |
| Protection mode(s) | Common/Differential mode |
| Protection level +/- (@ In (8/20μs)) | Up 2.8 kV |
| Protection level +/PE (-/PE) (@ In (8/20μs)) | Up 2.2 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 |
| 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 | |
| 3963 | |

