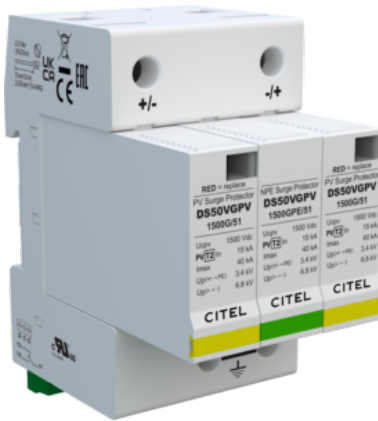
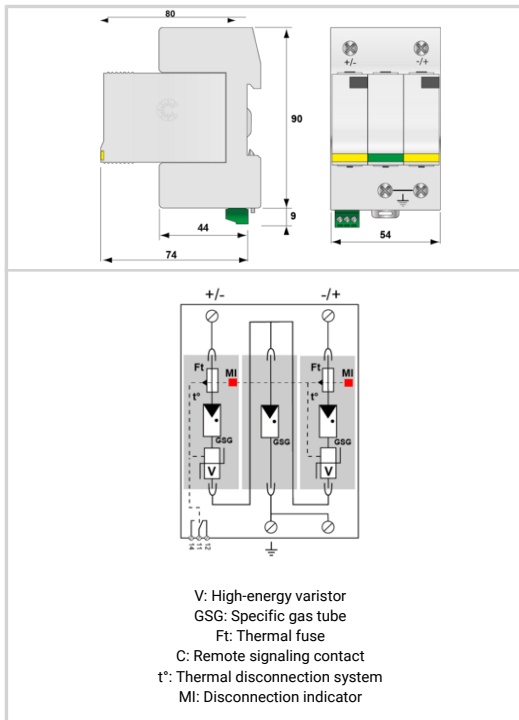


## DS50VGPPV-1500G/51



- Type 2 surge protector for photovoltaic
- VG technology
- 1500 Vdc
- No leakage, no operating currents
- Improved life expectancy
- In/Imax : 15 / 40 kA
- Common/Differential mode protection
- Remote signaling
- UTE C61-740-51, EN 50539-11 compliance



| Electrical Characteristics                                 |        |                                   |
|------------------------------------------------------------|--------|-----------------------------------|
| 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     | 15 kA                             |
| Max. discharge current max. withstand @ 8/20 μs by pole    | Imax   | 40 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     | 6.8 kV                            |
| Protection level +/-PE (-/PE) @ In (8/20μs)                | Up     | 3.4 kV                            |
| Mechanical Characteristics                                 |        |                                   |
| Technology                                                 |        | VG Technology (MOV+GSG)           |
| Connection to Network                                      |        | By screw terminals: 2.5-25mm²     |
| Format                                                     |        | Plug-in 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                                    |        | 2 mechanical indicators           |
| Spare module(s)                                            |        | DSM50VGPPV-1500G/51               |
| Remote signaling of disconnection                          |        | Output on changeover contact      |
| Weight                                                     |        | 0.327 kg                          |
| Disconnectors                                              |        |                                   |
| Thermal disconnector                                       |        | Internal                          |
| Fuses                                                      |        | Without                           |
| Standards                                                  |        |                                   |
| Certification                                              |        | UL / EAC                          |
| Part number                                                |        |                                   |
| 481511                                                     |        |                                   |