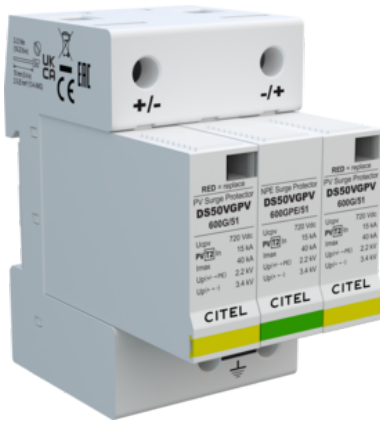
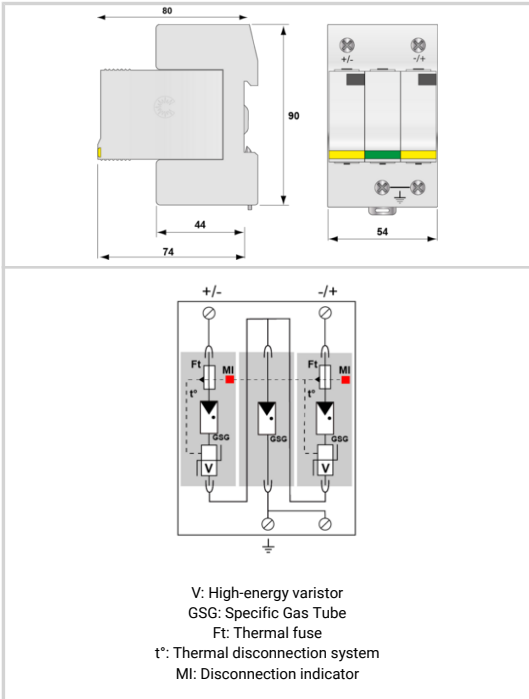


DS50VGPV-600G/51



- Type 2 surge protector for photovoltaic
- VG technology
- 600 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 61643-11 compliance



Electrical Characteristics	
SPD type	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 15 kA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax 40 kA
Total Maximum discharge current max. total withstand @ 8 /20 μs	Imax Total 60 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 3.4 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: 2.5-25mm ²
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
Outdoor application	No
Failsafe mode	Disconnection SPD of the PV line
Disconnection indicator	2 mechanical indicators
Spare module(s)	DSM50VGPV-600G/51
Remote signaling of disconnection	Option DS50VGPVS-600G/51 - output on changeover contact
Dimensions	See diagram
Weight	0.272 kg
Disconnectors	
Thermal disconnector	Internal
Fuses	Without
Standards	
Standards compliance	EN 61643-31 / EN 50539-11
Certification	EAC
Part number	
481401	