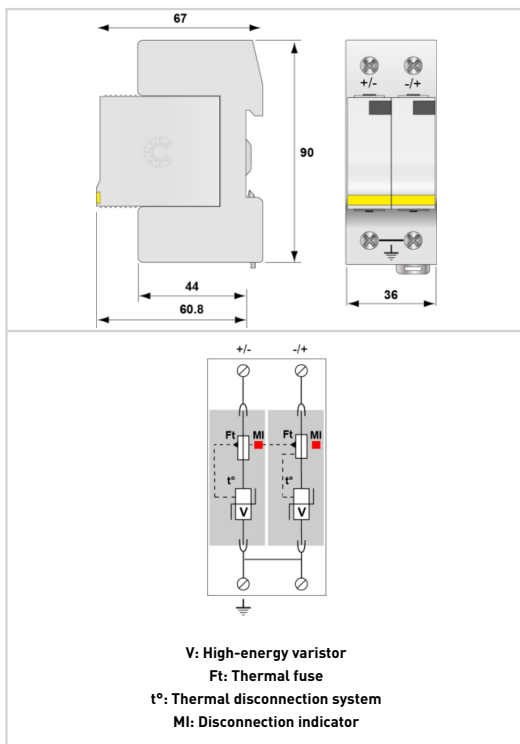


DS50PV-600/51


- ✦ Type 2 surge protector for Photovoltaic
- ✦ PV voltage: 600 Vdc
- ✦ In: 15 kA
- ✦ Imax: 40 kA
- ✦ Pluggable module
- ✦ Remote signaling (option)
- ✦ UTE C61-740-51, EN 50539-11 compliance



Caractéristiques Électriques	
SPD type (following IEC tests)	2
Network	PV network 600 Vdc
Nominal PV voltage	Uocsc 600 Vdc
Max. PV operating voltage	Ucpv 720 Vdc
Residual Current (Leakage current to Ground)	Ipe < 0.1 mA
PV Permanent Operating current (Current consumption at Ucpv)	Icpv < 0.1 mA
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 Maximal discharge current (max. total withstand @ 8/20 μs)	Imax Total 60 kA
Current withstand short circuit PV	Iscpv 15000 A
Connection mode(s)	+/-/PE
Protection mode(s)	Common mode
Protection level +/-PE ([-/PE] @ In (8/20μs))	Up 2.8 kV
Caractéristiques Mécaniques	
Technology	MOV
Connection to Network	Screw terminals: 2.5-25 mm ²
Format	Plug-in 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	2 mechanical indicators - Green/Red
Spare module(s)	DSM50PV-600/51
Remote signaling of disconnection	Option DS50PVS-600/51 - output on changeover contact
Dimensions	See diagram
Weight	0.249 kg
Déconnecteurs associés	
Thermal disconnector	internal
Fuses	Without
Normes	
Standards compliance	EN 61643-31 / NF EN 50539-11
Certification	EAC
Code article	
480421	