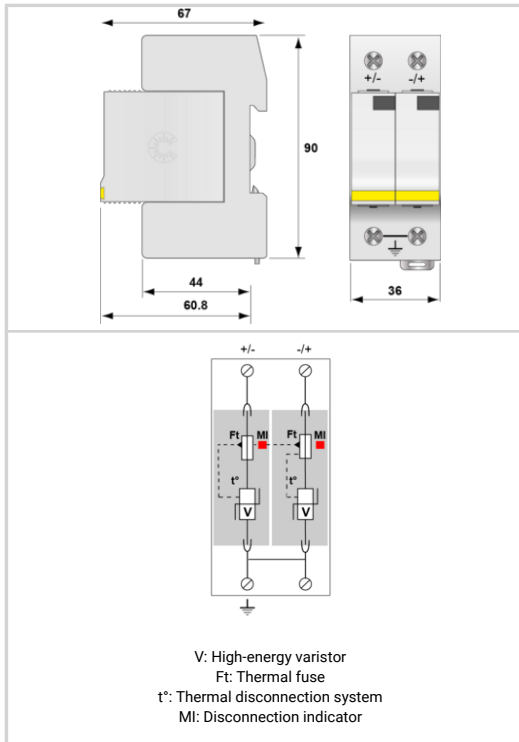


DS50PV-500/51



- Type 2 surge protector for Photovoltaic
- PV Voltage: 500 Vdc
- In : 15 kA
- Imax : 40 kA
- Pluggable module
- Remote signaling (option)
- IEC 61643-31/EN61643-31 compliance



Electrical Characteristics		
SPD type		2
Network		PV network 500 Vdc
Nominal PV voltage	Uocstc	500 Vdc
Max. PV operating voltage	Ucpv	600 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 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 mode/Differential mode
Protection level +/-PE (-/PE)@ In (8/20μs)	Up	2.2 kV
Mechanical Characteristics		
Technology		MOV
Connection to Network		By screw terminals: 2.5-25mm ²
Format		Plug-in modular box
Pluggable		Yes
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)		DSM50PV-500/51
Remote signaling of disconnection		Option DS50PVS-500/51 - output on changeover contact
Dimensions		See diagram
Weight		0.235 kg
Disconnectors		
Thermal disconnector		Internal
Fuses		Without
Standards		
Standards compliance		EN 61643-31 / EN 50539-11
Certification		EAC
Part number		
480121		