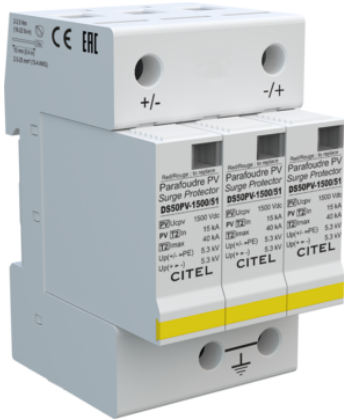
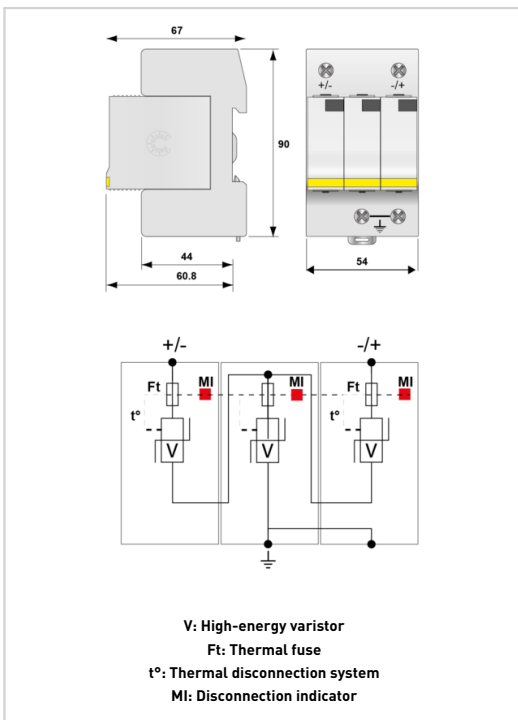


# DS50PV-1500/51



- Type 2 surge protector for PV
- In : 15kA / I<sub>max</sub> : 40kA
- Pluggable
- Remote signaling (option)
- EN 61643-31 / NF EN 50539-11 compliant



Caractéristiques Électriques		
SPD type	2	
Network	PV network 1500 Vdc	
Nominal PV voltage	U <sub>ocstc</sub>	1250 Vdc
Max. PV operating voltage	U <sub>cpv</sub>	1500 Vdc
Residual Current(Leakage current to Ground)	I <sub>pe</sub>	< 0.1 mA
PV Permanent Operating current (Current consumption at U <sub>cpv</sub> )	I <sub>cpv</sub>	< 0.1 mA
Follow current	I <sub>f</sub>	None
Nominal discharge current (15 x 8/20 μs impulses)	I <sub>n</sub>	15 kA
Max. discharge current(max. withstand @ 8/20 μs by pole)	I <sub>max</sub>	40 kA
Total Maximal discharge current (max. total withstand @ 8/20 μs )	I <sub>max</sub> Total	60 kA
Current withstand short circuit PV	I <sub>scpv</sub>	15000 A
Connection mode(s)	+/-/PE	
Protection mode(s)	Common/Differential mode	
Protection level +/-PE ([-/PE])(@ I <sub>n</sub> (8/20μs))	U <sub>p</sub>	5.3 kV
Caractéristiques Mécaniques		
Technology	MOV	
Connection to Network	Screw terminals: 2.5-25 mm <sup>2</sup>	
Format	Plug-in modular box	
Mounting	Symmetrical rail 35 mm (EN60715)	
Housing material	Thermoplastic UL94-V0	
Operating temperature	-40/+85°C	
Protection rating	IP20	
Failsafe mode	Disconnection SPD of the PV line	
Disconnection indicator	3 mechanical indicators	
Spare module(s)	DSM50PV-1500/51	
Remote signaling of disconnection	Option DS50PVS-1500/51 output change over contact	
Déconnecteurs associés		
Thermal disconnector	Internal	
Fuses	Without	
Normes		
Standards compliance	EN 61643-31 / NF EN 50539-11	
Certification	UL / EAC / TÜV	
Code article		
<b>480521</b>		