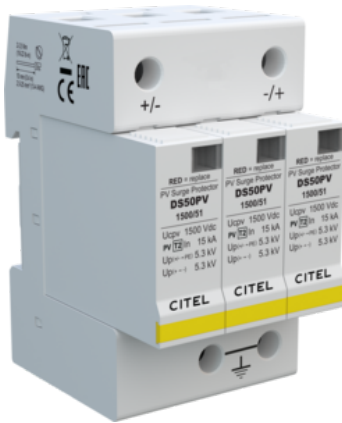
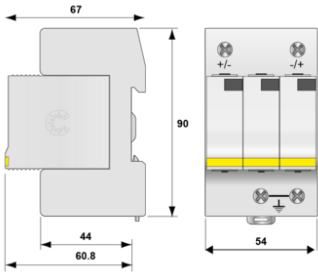
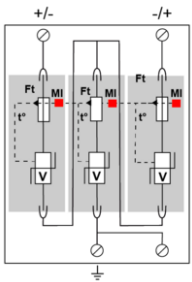


### DS50PV-1500/51



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



	<b>Electrical Characteristics</b>		
	SPD type	2	
 <p>V: High-energy varistor Ft: Thermal fuse t*: Thermal disconnection system MI: Disconnection indicator</p>	Network	PV network 1250 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 Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max Total</sub>	60 kA
	Current withstand short circuit PV	I <sub>scpv</sub>	15 000 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
<b>Mechanical Characteristics</b>			
Technology		MOV	
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup>	
Format		Plug-in modular box	
Pluggable		Yes	
Mounting		Symmetrical rail 35 mm (EN 60715)	
Housing material		Thermoplastic UL94 V-0	
Operating temperature	T <sub>u</sub>	-40/+85°C	
Protection rating		IP20	
Outdoor application		No	
Failsafe mode		Disconnection SPD of the PV line	
Disconnection indicator		1 mechanical indicator by pole	
Spare module(s)		DSM50PV-1500/51	
Remote signaling of disconnection		Option DS50PVS-1500/51 output change over contact	
Dimensions		See diagram	
Weight		0.332 kg	
<b>Disconnectors</b>			
Thermal disconnecter		Internal	
Fuses		Without	
<b>Standards</b>			
Standards compliance		EN 61643-31 / EN 50539-11	
Certification		UL Recognized / TUV	
<b>Part number</b>			
480521			