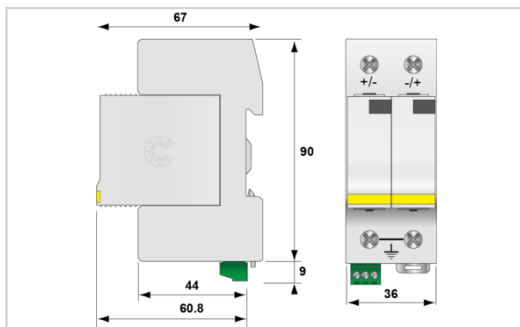


# DS50PVS- 600/51



- Type 2 surge protector
- 600 Vdc
- In : 15 kA
- Imax : 40 kA
- Pluggable module
- Remote signaling
- UTE C61-740-51, EN 61643-11 compliance



Electrical Characteristics		
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 Maximum 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
Mechanical Characteristics		
Technology		MOV
Connection to Network		By screw terminals: 2.5-25 mm <sup>2</sup> / by bus
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
Outdoor application		false
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		Output on changeover contact
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Fuses		without
Standards		
Standards compliance		IEC 61643-31 / EN 50539.11
Certification		UL / EAC / TÜV
Part number		
<b>480471</b>		

