



Electrical Characteristics		
SPD type (following IEC tests)		2
Network		PV network 1000 Vdc
Nominal PV voltage	Uocstc	1000 Vdc
Max. PV operating voltage	Ucpv	1060 Vdc
Residual Current(Leakage current to Ground)	Ipe	None
PV Permanent Operating current (Current consumption at Ucpv)	Icpv	< 0.1 mA
Follow current	If	None
Nominal discharge current (15 x 8/20 $\mu$ s impulses)	In	20 kA
Max. discharge current(max. withstand @ 8/20 $\mu$ s by pole)	Imax	40 kA
Total Maximal discharge current (max. total withstand @ 8/20 $\mu$ s )	Imax Total	60 kA
Current withstand short circuit PV	Iscpv	1000 A
Connection mode(s)		+/-/PE
Protection mode(s)		Common mode
Protection level +/-PE (-/PE)(@ In [8/20 $\mu$ s])	Up	4 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		3 mechanical indicators
Spare module(s)		DSM50PV-1000
Remote signaling of disconnection		Output on changeover contact
Weight		0.272 kg
Disconnectors		
Thermal disconnector		Internal
Fuses		without
Standards		
Standards compliance		IEC 61643-31 / EN 50539.11
Certification		UL / EAC
Part number		
<b>480312</b>		