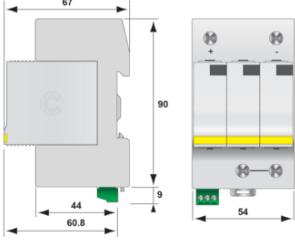
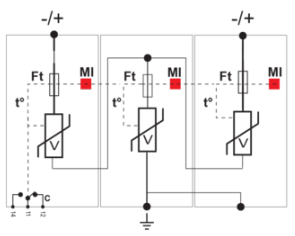


## DS50PVS-1000/DE



- ↳ Type 2 surge protector for PV
- ↳ In : 15kA / I<sub>max</sub> : 40kA
- ↳ Pluggable
- ↳ Remote signaling
- ↳ UL1149 ed.5 certified
- ↳ EN 61643-31, NF EN 50539-11 compliant



	<b>Electrical Characteristics</b>																																								
 <p>V: High-energy varistor Ft: Thermal fuse t*: Thermal disconnection system MI: Disconnection indicator C: Remote signal contact</p>	<table border="1"> <tr><td>SPD type</td><td></td><td>2</td></tr> <tr><td>Network</td><td></td><td>PV network 1000 Vdc</td></tr> <tr><td>Nominal PV voltage</td><td>Uocstc</td><td>1000 Vdc</td></tr> <tr><td>Max. PV operating voltage</td><td>Ucpv</td><td>1300 Vdc</td></tr> <tr><td>Residual Current Leakage current to Ground</td><td>I<sub>pe</sub></td><td>&lt; 0.1 mA</td></tr> <tr><td>PV Permanent Operating current Current consumption at Ucpv</td><td>I<sub>cpv</sub></td><td>&lt; 0.1 mA</td></tr> <tr><td>Follow current</td><td>I<sub>f</sub></td><td>None</td></tr> <tr><td>Nominal discharge current 15 x 8/20 μs impulses</td><td>I<sub>n</sub></td><td>20 kA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>I<sub>max</sub></td><td>40 kA</td></tr> <tr><td>Total Maximum discharge current max. total withstand @ 8 /20 μs</td><td>I<sub>max</sub> Total</td><td>60 kA</td></tr> <tr><td>Current withstand short circuit PV</td><td>I<sub>scpv</sub></td><td>15 000 A</td></tr> <tr><td>Connection mode(s)</td><td></td><td>+/-/PE</td></tr> <tr><td>Protection level @ I<sub>n</sub> (8/20μs)</td><td>Up</td><td>4.0 kV</td></tr> </table>		SPD type		2	Network		PV network 1000 Vdc	Nominal PV voltage	Uocstc	1000 Vdc	Max. PV operating voltage	Ucpv	1300 Vdc	Residual Current Leakage current to Ground	I <sub>pe</sub>	< 0.1 mA	PV Permanent Operating current Current consumption at Ucpv	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>	20 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</sub> Total	60 kA	Current withstand short circuit PV	I <sub>scpv</sub>	15 000 A	Connection mode(s)		+/-/PE	Protection level @ I <sub>n</sub> (8/20μs)	Up	4.0 kV
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