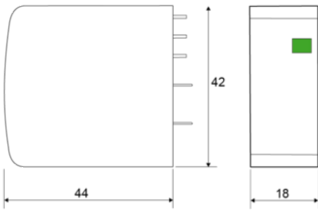
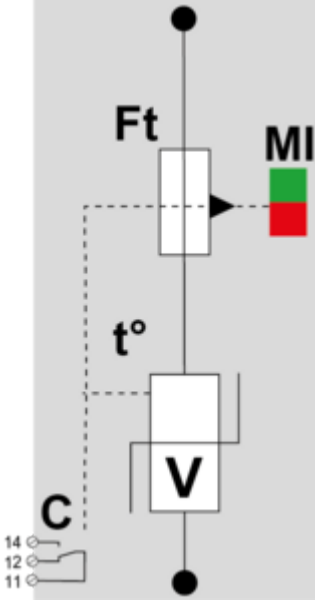


PPV40S-10-600



- Type 2 surge protector for Photovoltaic
- PCB mounting
- I_{max}: 40 kA
- Remote signaling
- EN 50539-11 and IEC 61643-31 compliance*



	Electrical Characteristics																																																	
 <p>V: High-energy varistor Ft: Thermal fuse C: Remote signal contact t°: Thermal disconnection system MI: Disconnection indicator</p>	<table border="1"> <tr><td>SPD type</td><td></td><td>2</td></tr> <tr><td>Nominal PV voltage</td><td>Uocstc</td><td>600 Vdc</td></tr> <tr><td>Max. PV operating voltage</td><td>Ucpv</td><td>600 Vdc</td></tr> <tr><td>Max. PV operating voltage (star mounting)</td><td>Ucpv</td><td>1200 Vdc</td></tr> <tr><td>Residual Current Leakage current to Ground</td><td>I_{pe}</td><td>None</td></tr> <tr><td>PV Permanent Operating current Current consumption at Ucpv</td><td>I_{cpv}</td><td>< 0.1 mA</td></tr> <tr><td>Follow current</td><td>I_f</td><td>None</td></tr> <tr><td>Nominal discharge current 15 x 8/20 μs impulses</td><td>I_n</td><td>20 kA</td></tr> <tr><td>Max. discharge current max. withstand @ 8/20 μs by pole</td><td>I_{max}</td><td>40 kA</td></tr> <tr><td>Current withstand short circuit PV</td><td>I_{scpv}</td><td>15 000 A</td></tr> <tr><td>Connection mode(s)</td><td></td><td>+/-PE</td></tr> <tr><td>Protection mode(s)</td><td></td><td>Common/Differential mode</td></tr> <tr><td>Protection level @ I_n (8/20μs)</td><td>U_p</td><td>2 kV</td></tr> <tr><td>Protection level (star mounting) (+/-) / (+/PE or -/PE) @ I_n (8/20μs)</td><td>U_p</td><td>4 kV</td></tr> <tr><td>Protection level +/- @ I_n (8/20μs)</td><td>U_p</td><td>5.1 kV</td></tr> <tr><td>Protection level +/PE (-/PE) @ I_n (8/20μs)</td><td>U_p</td><td>2.5 kV</td></tr> </table>		SPD type		2	Nominal PV voltage	Uocstc	600 Vdc	Max. PV operating voltage	Ucpv	600 Vdc	Max. PV operating voltage (star mounting)	Ucpv	1200 Vdc	Residual Current Leakage current to Ground	I _{pe}	None	PV Permanent Operating current Current consumption at Ucpv	I _{cpv}	< 0.1 mA	Follow current	I _f	None	Nominal discharge current 15 x 8/20 μs impulses	I _n	20 kA	Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	40 kA	Current withstand short circuit PV	I _{scpv}	15 000 A	Connection mode(s)		+/-PE	Protection mode(s)		Common/Differential mode	Protection level @ I _n (8/20μs)	U _p	2 kV	Protection level (star mounting) (+/-) / (+/PE or -/PE) @ I _n (8/20μs)	U _p	4 kV	Protection level +/- @ I _n (8/20μs)	U _p	5.1 kV	Protection level +/PE (-/PE) @ I _n (8/20μs)	U _p	2.5 kV
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