



- Generator connection box for 1 MPP tracker / 1 string
- Type 1+2+3 integrated SPD (DPVN1-6C-21Y-1200)
- Protection class IP65
- MC4 plug attached to the base of the housing



	Electrical Characteristics																									
<p>Jeweils pro MPP-Tracker</p>	<table border="1"> <tr><td>SPD type</td><td></td><td>1+2+3</td></tr> <tr><td>Network</td><td></td><td>PV network 1000 Vdc</td></tr> <tr><td>Nominal DC voltage</td><td>Un-dc</td><td>1000 Vdc</td></tr> <tr><td>Rated insulation voltage</td><td>Ui</td><td>1000 Vdc</td></tr> <tr><td>Rated current</td><td>InA</td><td>20 A</td></tr> <tr><td>Rated string current</td><td>InC</td><td>20 A</td></tr> </table>	SPD type		1+2+3	Network		PV network 1000 Vdc	Nominal DC voltage	Un-dc	1000 Vdc	Rated insulation voltage	Ui	1000 Vdc	Rated current	InA	20 A	Rated string current	InC	20 A	<table border="1"> <tr><td>Rated current</td><td>InA</td><td>20 A</td></tr> <tr><td>Rated string current</td><td>InC</td><td>20 A</td></tr> </table>	Rated current	InA	20 A	Rated string current	InC	20 A
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	Mechanical Characteristics																									
	Housing material	UV and ozone resistant, glass fibre reinforced polycarbonate																								
	Dimensions	See diagram																								
	Input / per MPPT	MC4 plug (attached to the housing base)																								
	Output / per MPPT	MC4 plug (attached to the housing base)																								
	Ground connection terminal	Screw terminal 2.5-25mm ² (35mm ²)																								
	Cable gland	Metric / 1x M24 (Ø 6-12mm) PE																								
	Housing material	UV and ozone resistant, fiberglass reinforced polycarbonate with semi-transparent cover																								
	Dimensions	WxHxD (mm): 130 x 180 x 111																								
	Ambient temperatures	Indoor: -5°C to max. +40°C (+35°C 24h average) / Outdoor: -25°C to max. +40°C (+35°C 24h average)																								
	Humidity	Indoor: max. 50% at +40°C, max. 90% at 20°C (non-condensing) / Outdoor: 95% for a short time at +25°C (non-condensing)																								
	Protection rating	IP 65																								
	Protection class	Class II																								
	Impact resistance	IK 8																								
	Pressure compensation element	Existing																								
	Standards																									
	Standards compliance	DIN EN 50539-11 / DIN EN IEC 61439-2																								
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