



Abbildung ähnlich

- › Generator junction box for 6 MPP tracker / 4 strings
- › Integrated surge protection device (DS50PVS-1000G/51)
- › Protection class IP65
- › Connection via spring terminals



Electrical Characteristics	
SPD type	2
Network	PV network 1000 Vdc
Nominal DC voltage	Un-dc 1000 Vdc
Max. PV operating voltage	Ucpv 1200 Vdc
Rated insulation voltage <i>Ui</i>	Ui 1000 Vdc
Rated current <i>InA</i>	InA 6x 60 A
Rated string current	InC 6x 40 A
Mechanical Characteristics	
Weight	1.92 kg
Input / per MPPT	Spring clamp terminals / 4x6-16mm ²
Output / per MPPT	Spring terminals / 4x6-16mm ²
Ground connection terminal	Spring clamp terminals / 16mm ²
Cable gland	Metric / 12x M40 (Ø 16-28mm) / 1x M20 (Ø 6-13mm)
Housing material	UV and ozone resistant, fiberglass reinforced polycarbonate
Dimensions	WxHxD (mm): 847 x 615 x 330
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
Part number	
158606	

