PV-DC-Junction box

GAK6.K4x16.K4x16.51-1

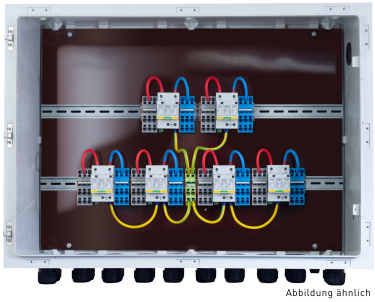


Abbildung ähnlich

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

CE

Electrical Characteristics		
SPD type	IEC	2
Network		PV network 1000 Vdc
Nominal DC voltage	Un-dc	1000 Vdc
Max. PV operating voltage	Ucpv	1200 Vdc
Rated insulation voltage *Ui*	Ui	1000 Vdc
Rated current *InA*	InA	6x 60 A
Rated string current	InC	6x 40 A
Mechanical Characteristics		
Protection rating		IP65
Input / per MPPT		Spring clamp terminals / 4x 6-16mm²
Output / per MPPT		Spring terminals / 4x 6-16mm²
Ground connection terminal		Spring clamp terminals / 16mm²
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 class		Class II
Impact resistance		IK 8
Pressure compensation element		Existing
Standards		
Standards compliance		DIN EN 50539-11
Part number		
158606		