



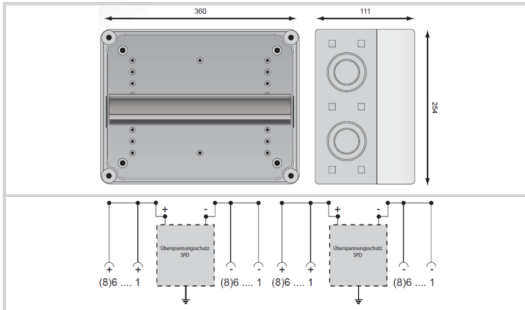
CITEL

PV-DC-Junction box

GAK2.K4(6)x16.K2x16.61VG-1



Generator junction box for 2 MPP tracker / 4 strings Integrated surge protection device (2x DS60VGPV-1000G/51) Protection class IP65 Connection via spring terminals



Electrical Characteristics	
SPD type	1+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 2x 60 A
Rated string current <i>InC</i>	InC 2x 40 A
Mechanical Characteristics	
Weight	3.8 kg
Input / per MPPT	Spring clamp terminals / 4x16mm ²
Output / per MPPT	Spring terminals / 2x16mm ²
Ground connection terminal	Spring clamp terminals / 16mm ²
Cable gland	Metric / 30x M16 (Ø 5-7mm)
Housing material	UV and ozone resistant, fiberglass reinforced polycarbonate with semi-transparent cover
Dimensions	WxHxD (mm): 360 x 254 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
Part number	
158203	

