



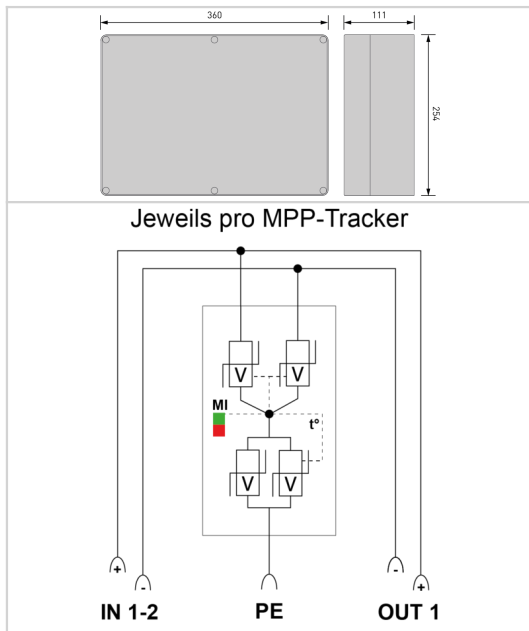
# CITEL

## PV-DC-Junction box

### GAK4.K2x10.K1x10.DP6-1-XS



- ☛ PV junction box for 4 MPP trackers / 2 strings
- ☛ Integrated surge protection (4x DPVN1-6C-21Y-1200)
- ☛ Protection class IP65
- ☛ Connection via spring terminals



Electrical Characteristics		
SPD type	IEC	1+2+3
Network		PV network 1000 Vdc
Nominal DC voltage	Un-dc	1000 Vdc
Rated insulation voltage	Ui	1000 Vdc
Rated current	InA	32 A
Rated string current	InC	16 A
Mechanical Characteristics		
Weight		2.5 kg
Input / per MPPT		Spring clamp terminals / 4x16mm <sup>2</sup>
Output / per MPPT		Spring terminals / 2x 6-16mm <sup>2</sup>
Ground connection terminal		Spring clamp terminals / 16mm <sup>2</sup>
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		
157408		

