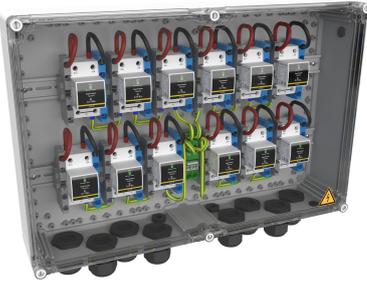




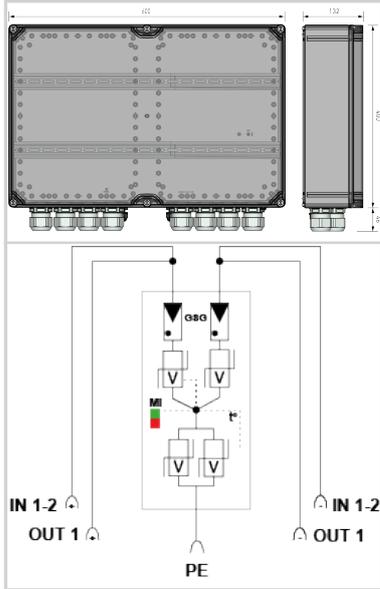
CITEL

PV-DC-Junction box

GAK12.K2x10.K1x10.DP6VG-1-XS



- › Generator junction box for 12 MPP tracker / 2 strings
- › Integrated surge protection device - DPVN1-6CVG-21Y-1200 (Type 1+2+3)
- › Protection class IP65
- › Connection via spring terminals (6-10mm²)



Electrical Characteristics

| | | |
|---------------------------------------|-------|---------------------|
| SPD type | IEC | 1+2+3 |
| 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 | 40 A |
| Rated string current | InC | 20 A |

Mechanical Characteristics

| | | |
|----------------------------|--|--|
| Input / per MPPT | | Spring terminals / 2x 6-10 mm ² |
| Output / per MPPT | | Spring terminal / 1x 6-10mm ² |
| Ground connection terminal | | Spring clamp terminals / 16mm ² |
| Cable gland | | 8x M40* (Ø 16-28mm) / 2x M20 (Ø 6-13mm) / (* - with multiple sealing inserts, conductor outer diameter Ø, max. 6.9 mm) |
| Housing material | | UV and ozone resistant, fiberglass reinforced polycarbonate |
| Dimensions | | WxHxD (mm): 130 x 180 x 111 |
| 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) |

Standards

| | | |
|----------------------|--|-----------------|
| Standards compliance | | DIN EN 50539-11 |
|----------------------|--|-----------------|

Part number

| | | |
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| 157629 | | |
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