



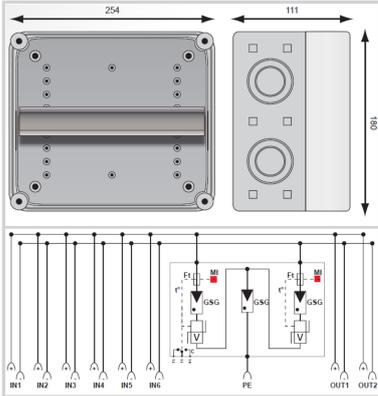
# CITEL

## PV-DC-Junction box

### GAK1.K6x16.K2x16.61VG-1



- Generator junction box for 1 MPP tracker / 6 strings
- Integrated surge protection device - DS60VGPV-1000G/51 (Type 1+2)
- Protection class IP65
- Connection via spring terminals (6-16mm<sup>2</sup>)



#### Electrical Characteristics

|                                       |       |                     |
|---------------------------------------|-------|---------------------|
| SPD type                              | IEC   | 1+2                 |
| Network                               |       | PV network 1000 Vdc |
| Nominal DC voltage                    | Un-dc | 1000 Vdc            |
| Max. PV operating voltage             | Ucpv  | 1200 Vdc            |
| Rated insulation voltage<br><i>Ui</i> | Ui    | 1000 Vdc            |
| Rated current<br><i>InA</i>           | InA   | 60 A                |
| Rated string current                  | InC   | 40 A                |

#### Mechanical Characteristics

|          |  |   |
|----------|--|---|
| Humidity |  | Indoor: max. 50% at +40°C, max. 90% at 20°C (non-condensing) /<br>Outdoor: 95% for a short time at +25°C (non-condensing) |
|----------|--|---|

#### Standards

|                      |  |                                      |
|----------------------|--|--------------------------------------|
| Standards compliance |  | DIN EN 50539-11 / DIN EN IEC 61439-2 |
|----------------------|--|--------------------------------------|

#### Part number

158103

