Technical data sheet

PV system solution, type 2, for inverter with 1 MPP tracker, 1,000 V DC Item number: 5088657





System solution for photovoltaic inverter with 1 separate MPP tracker

- Varistor arrester, connectable with cut-off unit in error-resistant Y circuit to VDE 0100-712 (50539-12)
- Low DC protection level: < 4.0 kV (Voc max = 1,000 V DC with
- V20-B+C/0-500PV)
- Per protection device, there are 8 terminals up to 6 mm² pre-mounted in the housing, up to 30 A DC per terminal

 Pre-mounted in polycarbonate housing (IP65), UV-resistant for use outside, including cable gland kit

For DC protection of the inverter in photovoltaic systems.

If there is a danger of condensation forming through wind, ice, temperature or sunlight, further measures may be necessary!



Master data

5088657
PVG-C1000K 400
PV system solution in housing
4 PV-String to 1 WR-MPP
OBO
1000V DC
1
Piece
148 kg
kg/100 pc.

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Technical data



Version forType 2 in housing with terminalsPole version3Structural width in division units (division unit, 17.5 mm)MiscellaneousOperating temperature, max.80 °COperating temperature, min.40 °CRemole signallingnoHousing material surge protection componentsPCConductor cross-section, figid (single-wire/multiwire), min.1000Conductor cross-section, figid (single-wire/multiwire), min.0.5 mm²Conductor cross-section, figid (single-wire/multiwire), min.0.5 mm²Lightning protection zone LPZ12Max. mains-side overcurrent pro- tecton125Maximum discharge current (8/20 µs)40 kANaminal discharge current (8/20 µs)20 kANetwork formpcNetwork formnoNon-Locutor formnoTN-C network formnoNon-Locutor formnoTN-S network formnoNo-S network formnoTN-S network formnoNo-S network formnoSPD to IEC 61643-11Class IICass IIClass IICable type for surge protection devicesFeein CPUAt.0Signalling on deviceVisualSPD to IEC 61643-11Class IICable type for surge protection d	Response time	<25 ns
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