

INDUSTRIAL COMPONENT DATA

5088651 OBO BETTERMANN BOX PROTEC. VG-C DCPH1000-4S

Brand: OBO BETTERMANN | Manufacturer Part Number: VG-C DCPH1000-4S



Manufacturer	OBO BETTERMANN
MPN / Reference	VG-C DCPH1000-4S
Catalog number	5088651
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
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Product Overview

BOX PROTEC. VG-C DCPH1000-4S

Generator connection box, type 2, with four 10 A fuses for 4 x 1 string. System solution for photovoltaic fuses for photovoltaic inverters with 1 MPP tracker • 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-C/0-500PV) • (+) poles protected via 4 photovoltaic fuses 10x38 mm 10 A, 1,000 V DC protected • 4 (-) poles via terminals up to 6 mm² switched in parallel in the housing, up to 30 A DC per terminal • Pre-mounted in polycarbonate housing (IP65), UV- and weather-resistant for use in protected outside area, 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!

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path **OBO BETTERMANN > TBS Transient and lightning protection systems - OBO BETTERMANN**

Additional Product Information

Anschlussart Generatoranschlusskasten Tension spring terminal
CO2 Footprint (GWP) Cradle-to-Gate 2,3932 kg CO₂e / 1 Piece
Colour Light grey; RAL 7035
Conductor cross-section, rigid (single-wire/multiwire), max. 6 mm²
Conductor cross-section, rigid (single-wire/multiwire), min. 0,5 mm²
DC network form yes
Depth 122 mm
Dimension 1000V DC

Entries per MPPT 4
Entry fuse 10 A
Equipped with load-break switch no
Exits per MPPT 4
For fuse size 10x38 mm
Fuse type gPV (full-range photovoltaic protection) [Bitte prüfen, ob so in Ordnung]
Installation type Pre-mounted in the housing
IT network form no
Lightning protection zone LPZ 1->2
Max. Input current per string 30 A
Max. Input voltage DC 1000 V
Max. Output current 30 A
Maximum continuous voltage DC 1000 V
Maximum discharge current (8/20 us) 40 kA
Monitoring function no
Network form DC
Nominal discharge current (8/20 µs) 20 kA
Number of cable entries 16
Number of inputs 4
Number of MPPTs 1
Number of string inputs 4
Operating temperature, max. 80 °C
Operating temperature, min. -40 °C
Other network form no
Permitted temperature range, max. 80 °C
Permitted temperature range, min. -40 °C
Protection rating IP65
Remote signalling no
Response time

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / VG-C DCPH1000-4S with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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