



Data sheet
blueplanet
Mini-Argus 50.0

Make short work of long cables.

The blueplanet Mini-Argus 50.0 combiner box.

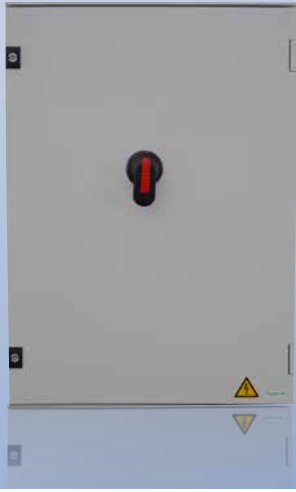
The blueplanet Mini-Argus 50.0 is an external generator junction box for the Basic and M versions of the blueplanet 50.0 TL3 INT inverter. It allows the string fuse, the surge protection and a DC disconnect to be housed and installed at a distance from the inverter.

The blueplanet Mini-Argus 50.0 is generally used for cabling certain distances

between modules and inverters. By using the box, the module strings can be combined near the PV modules. This saves you the work of laying cables for all module strings over the entire distance. Your benefits are cost reductions in both material and labor.

The blueplanet Mini-Argus 50.0 is suitable for outdoor installation as per its IP65

protection rating. It is also completely contact-proof and can only be opened after shutting off the DC switch



blueplanet Mini-Argus 50.0

External generator junction box for the blueplanet 50.0 TL3 INT, Basic and M versions

Surge protection, DC switch

String fuse plus and minus

Designed for DC system voltage of 1,100 V

IP65 protection rating

Direct connection of DC strings

Norm DIN VDE 0100-712

Electrical data		blueplanet Mini-Argus 50.0 10-SPD-I/II-E-DSC-FR
Max. input voltage		1 100 V
Number of DC inputs		10
String current		100 A / 10 A per string
String input connection		minus: 10 x screwterminal 2,5 - 16 mm ² plus: 10 x screwterminal 2,5 - 16 mm ²
String protection		15 A fuses in plus-/minus potential (14 x 51 mm)
DC-Switch		1 x 160 A
Overvoltage protection		SPD 1+2
DC connection to inverter		tubular cable-lugs M8 / 120 mm ² (Al/Cu)
Grounding		connected with M8 PE-bolt terminal
Mechanical data		
Cover		door with removeable locks
Housing H x W x D		Polycarbonate (GRP) smokey with DIN fittings 745 x 535 x 300 mm
Protection rating / class		IP65 / II
Permitted ambient temperature		-25 °C ... + 40 °C (+35 °C 24h average)
Relative humidity		95 % (+25 °C non-condensing)
Weight		24 kg

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