

DATA SHEET

ITEM NO. 10019510

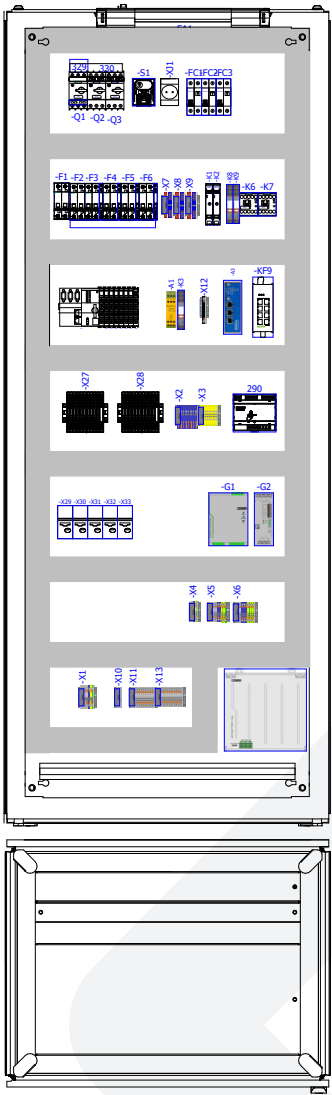
Mains and system protection in accordance with VDE-AR-N 4105/4110
Powershield Pro 1100 EMS

All values in [mm]
Dimensions "blue"
Fastening points "orange"

Internal arrangement and components may differ depending on the variant!

Minimum distances

above	200
below	400
lateral	200
front	1400



SCOPE OF DELIVERY

Quantity	Designation
1	Powershield Pro 1100 control cabinet
1	General installation instructions

Quantity	Designation
1	Circuit diagram

Status: April 2025
The text and illustrations correspond to the technical status at the time of printing and are subject to change without notice.
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TECHNICAL DATA

NOMINAL VALUES		• applicable / - not applicable
Rated insulation voltage U_i	[VAC]	660
Rated operating voltage U_e	[VAC]	3PH - 230/400
Operating frequency f_n	[Hz]	50
Net shape		TN-S
Max. Value of the back-up fuse (gG/gL)	[A]	see circuit diagram
Type of generating system (VDE-AR-N 4105/4110)		Type 2

PROTECTION RELAY - HIGHER-LEVEL DECOUPLING PROTECTION	
Type	Ziehl UFR1001E
Test disconnect terminal strip	Test socket 4 mm

PROTECTION RELAY - INTERMEDIATE DECOUPLING PROTECTION	
Type	Woodward MR4A-2AoBCA
Test disconnect terminal strip	Test socket 4 mm

UPS	
Nominal voltage	[V] 24
Battery capacity	[Ah] 1 x 12

ETHERNET SWITCH	
Type	Wago 852 1102
Number of ports	8

CONTROL CABINET HEATING	
Performance	[W] 75

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TECHNICAL DATA

NETWORK ANALYSER	• applicable / - not applicable
Type	Janitza UMG g6RM-E

GENERAL		
Dimensions WxHxD (without screw connections)	[mm]	1000 x 2200 x 600
Weight, approx.	[kg]	250
Operating temperature range	[°C]	-25...+35
Temperature - transport/storage (24 hours 70°C)	[°C]	-25...+55
Humidity - condensing permitted		-
Humidity - permissible range	[%]	5...70
max. installation height above N.N.	[m]	2000
Protection class IP (EN 60529)		54
Outdoor suitability (protected area)		-
Protection class (EN 61140)		I
Housing material		Metal
RoHS-compliant (2011/65/EU)		•
Housing colour		RAL 7035
Mounting type		Floor mounting on raised floor
Closure type		Switch cabinet key

OTHER	
Customs tariff number	85371098

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