A-Z TRADERS

Designed and Manufactured in the EU

Switchboards for Photovoltaics

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Surge Protectors

Monitoring Systems

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Switchboard R-FVE-GW25 – protection class I+II

R-FVE-GW25

Wall mounting. IP65. 3F PV (typically Goodwe 4 to 10K-ET inverter). Automatic switching between standard operation from the network and backup. It is necessary to control the load during a power failure to avoid overloading, as its function switches the whole house to inverter backup. Minimal intervention in the customer's switchboard - Smartmeter, common breakdown point and all fuses are part of this switchboard. It is enough to make a loop between hl. switchgear and technology placement.

View product | Price after registration

PRODUCT DESCRIPTION

AC switchgear designed for wall mounting, IP65 used to serve a three-phase photovoltaic power plant (typically a Goodwe 4 to 10K-ET inverter).

Its advantage is the automatic switching between standard operation from the network and backup. It is necessary to control the load during a power failure to avoid overloading, as its function switches the whole house to inverter backup.

An indisputable advantage is the minimal intervention in the customer's switchboard - the Smartmeter (inverter measurement), the common breakdown point and all fuses are part of this switchboard. It is enough to make a loop between hl. switchgear and technology placement.

Note The Smartmeter is not part of the delivery of AZ TRADERS.sro If the customer supplies Smartmeters, we are able to install them in the switchboards.

The switchboard is also equipped with emergency disconnection of the HDO inverter (N0%) and preparation for the installation of the FIRE-SAFETY solution. The GW25 type is designed for the main breaker in the 25A column.

There is a slight time delay when switching (switching of contactors) - so it is not a fail-safe backup solution

Code	Manufacturer	Product	Description	Number of pieces
174202	EATON	IKA-3/54-ST	Surface-mounted distribution board IP65, transparent door, 3 rows, 54 modules	1
158331	EATON	SPBT12-280/4	Surge arrester class T1+T2 (B+C), 4-pole set for TN-S	1
276272	EATON	IS-40/3	Main switch, 240V, 40A, 3HP	1
286518	EATON	PL6-B6/1	Circuit breaker PL6, characteristic B, 1-pole, Icn=6kA, In=6A	2
286521	EATON	PL6-B16/1	Circuit breaker PL6, characteristic B, 1-pole, Icn=6kA, In=16A	1
3722	ELKO EP	HRN-55	Voltage monitoring relay	1
40.52.8.230.0000	FINDER	2P/8A 230VAC 40.52.8.230.0000	Relay 1NC, 1NO	1

Code	Manufacturer	Product	Description	Number of pieces
193886	EATON	Z-SCH230/1/25-11	Installation contactor, 230VAC/50Hz, 1S, 1R, 25A	1
248847	EATON	Z-SCH230/25-40	Installation contactor, 230VAC/50Hz, 4S, 25A	2
248852	EATON	Z-SCH-230/40-40	Installation contactor, 230VAC/50Hz, 4S, 40A	1
286586	EATON	PL6-B6/3	Circuit breaker PL6, characteristic B, 3-pole, Icn=6kA, In=6A	1
286589	EATON	PL6-B16/3	Circuit breaker PL6, characteristic B, 3-pole, Icn=6kA, In=25A	1
286516	EATON	PL6-B2/1	Circuit breaker PL6, characteristic B, 1-pole, Icn=6kA, In=2A	1
286590	EATON	PL6-B20/3	Circuit breaker PL6, characteristic B, 3-pole, Icn=6kA, In=20A	2