

A-Z TRADERS

Designed and Manufactured in the EU



Switchboards for
Photovoltaics



Intelligent Control
Systems



Charging Stations for
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Safety Components



Surge Protectors



Monitoring Systems

 **A-Z TRADERS**

 www.AZTRADERS.eu

 info@aztraders.eu

 +420 605 457 572

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=16A | 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 |