

# A-Z TRADERS

**Designed and Manufactured in the EU**



Switchboards for  
Photovoltaics



Intelligent Control  
Systems



Charging Stations for  
Electric Vehicles



Safety Components

Surge Protectors



Monitoring Systems

# Switchboard R-FVE-Z1



R-FVE-Z1

Wall mounting. IP40/20. Output switchboard (at inverter) for 1F FVE (typically Goodwe 3648-EM and 3648D-ES inverter). Where it is not possible to use selected circuits for backup in the existing switchboard, but only sockets and a backup circuit breaker for selected appliances can be used. Small size, possibility to "stack" with other AC switchboards next to each other or underneath each other. Installation in areas where space is a problem. Three B16/1 circuit breakers are installed in the switchboard to protect two sockets and one reserve for a separate consumer from the backup of the inverter and a type A circuit breaker.

[View product](#)

Price after registration

## PRODUCT DESCRIPTION

AC switchgear designed for wall mounting, IP40/20 serving as an output switchgear (at the inverter) for single-phase photovoltaic power plants (typically Goodwe 3648-EM and 3648D-ES inverter). Where it is not possible to use selected circuits for backup in the existing switchboard, but only sockets and a backup circuit breaker for selected appliances can be used.

Its advantage is its small size, the possibility of "stacking" with other AC switchboards next to each other or under each other, which makes it possible to install them even in areas where space is a problem.

Three B16/1 circuit breakers are installed in the switchboard to protect two sockets and one reserve for a separate consumer from the backup of the inverter and a type A circuit breaker.

Suitable to combine with the switchboard R-FVE-DC1, R-FVE-DC2 for the DC part of the installation and the switchboard R-FVE-M, R-FVE-H intended for the input of the inverter or for input, output and backup circuits with a switch.

| Code   | Manufacturer | Product        | Description   | Number of pieces |
|--------|--------------|----------------|---|------------------|
| 280347 | EATON        | BC-O-1/12-ECO  | Surface-mounted distribution board, transparent plastic door, 1 row, 12 modules | 1                |
| 286521 | EATON        | PL6-B16/1      | Circuit breaker PL6, char B, 1-pole, Icn=6kA, In=16A                            | 1                |
| 262674 | EATON        | PL6-B10/1      | Circuit breaker PL6, char B, 1-pole, Icn=6kA, In=10A                            | 2                |
| 112921 | EATON        | PF6-25/4/003-A | Protector Ir=250A, type A, 2-pole, Idn=0.03A, In=25A                            | 1                |
| 266876 | EATON        | Z-SD230-BS     | DIN rail socket with shutters and pin   | 2                |