

# A-Z TRADERS

**In-house production and development in the Czech Republic**



Rozváděče  
pro fotovoltaiku



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 A-Z TRADERS

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# Switchgear R-FVE-B1



R-FVE-B1

AC+DC distributor. Wall mounting, IP65. For operation of 3F FVE in combination with a switch (typically a GoodWe 4 to 10K-ET inverter). Manual transition from network and backup. It is necessary to control the load during a power failure to avoid overloading after switching the switch, because its function switches the whole house to inverter backup.

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Price after registration

## PRODUCT DESCRIPTION

AC+DC switchboards designed for wall mounting, IP65, are used to operate a three-phase photovoltaic power plant in combination with a switch (typically a GoodWe 4 to 10K-ET inverter).

Its advantage is manual transition from the network and backup. It is necessary to control the load during a power failure to avoid overloading after switching the switch, because its function switches the whole house to inverter backup.

An indisputable advantage is minimal intervention in the customer's switchboard - 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 Smartmeter is not part of the delivery of AZ TRADERS s.r.o. If the customer supplies Smartmeters, we are able to install them in switchboards.*

The switchboard is also equipped with an emergency disconnection of the HDO inverter (N0%). The R-FVE-B1 switchgear is designed for a main circuit breaker in the column with a maximum of 40 A. R-FVE-A1 (A2) also contains DC fuse disconnectors and surge arresters (A1 one for one chain, A2 for two chains). When switching, there is a slight time delay (switching of contactors) - so it is not a fail-safe backup solution.

Code	Manufacturer	Product	Description	Number of pieces
174201	EATON	IKA-2/36-ST	Surface-mounted distribution board IP65, transparent door, 2 rows, 36 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
3722	ELKO EP	HRN-55	Voltage monitoring relay	1
40528230 + 95.65	FINDER	2P/8A 230VAC 40.52.8.230.0000	Finder RELAY	1
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
286590	EATON	PL6-B20/3	Circuit breaker PL6, characteristic B, 3-pole, Icn=6kA, In=20A	1

<b>Code</b>	<b>Manufacturer</b>	<b>Product</b>	<b>Description</b>	<b>Number of pieces</b>
286516	EATON	PL6-B2/1	Circuit breaker PL6, char B, 1-pole, Icn=6kA, In=2A	1