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

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Switchgear R-FVE-G2 – protection class I+II (with AC arrester)

R-FVE-G2/AC

Wall mounting. IP65. 3F FVE operation (typically a Growatt 4 to 10K inverter). 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+DC switchboards designed for wall mounting, IP65, used to operate a three-phase photovoltaic power plant (**typically a Growatt 4 to 10K inverter**).

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

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

The switchboard also has a crisis disconnection of the HDO inverter (N0%). The R-FVE-A40-1 switchboard is designed for a main circuit breaker in a column with a maximum of 40 A. It also contains DC fuse disconnectors and surge arresters.

LIST OF MAIN COMPONENTS:

EATON switchboard **IKA-3/54-ST** , surge arrester class T1+T2 EATON **SPBT12-280/4** , main switch EATON **IS40/3** , EATON inverter fuse **PL6-B16/1** , contactor including monitoring relay **ELKO HRN-55** and EATON contactor **Z-SCH230/40-40** , protection for measurement and control, EATON PL6 circuit breakers + relay for emergency HDO control. EATON surge arrester **SPPVT12-10-2+PE** or EATON **SPPVT2-10-2+PE** . EATON CHPV2U fuse switch disconnectors including EATON gPV fuses **PV-15A10F** .

Code	Manufacturer	Product	Description	Number of pieces
174202	EATON	IKA-3/54-ST	Switchboard ON IP65 plaster, 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
3722	ELKO EP	HRN-55	Monitoring voltage relay	1
40528230 + 95.65	FINDER	2P/8A 230VAC 40.52.8.230.0000	Finder RELAY	1
177256	EATON	SPPVT12-10-2+PE	Surge arrester T1+T2 (I+II, B+C), photovoltaic applications 1000V DC, max. short circuit. current 1000A	1

Code	Manufacturer	Product	Description	Number of pieces
2625085	EATON/ETI/OEZ	CH10x38 gPV 15A/1000V DC	Ultra-fast cylindrical fuse for photovoltaics, (UL standard), 10x38mm, 1100V DC, 15A	2
CHPV2U	EATON	CHPV2U	Fuse disconnector, photovoltaic applications, 2-pole, 1000V AC / 30A, C10 (10x38mm)	1