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Switchboards for  
Photovoltaics



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 **A-Z TRADERS**

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# Switchboard R-FVE-G1 – protection class I+II (without AC arrester)



R-FVE-G1

Wall mounting. IP65. The switchboard serves to operate a 3F PV plant (typically a GROWATT inverter or other inverters with direct metering). Minimal intervention in the customer's switchboard – the measurement of the inverter is right here, 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. The switchboard is also equipped with an emergency disconnection of the HDO inverter (N0%). The R-FVE-G1 switchgear is designed for a main circuit breaker in the column with a maximum of 40A. It also includes DC fuse disconnectors and surge arresters. The switchboard does not include an AC surge arrester

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## PRODUCT DESCRIPTION

AC+DC distributor. Designed for wall mounting. Degree of protection IP65. The switchboard is used to operate a three-phase photovoltaic power plant (typically a GROWATT inverter or other inverters with direct measurement). The indisputable advantage is the minimal intervention in the customer's switchboard – the measurement of the inverter is right here, 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. The switchboard is also equipped with an emergency disconnection of the HDO inverter (N0%). The R-FVE-G1 switchgear is designed for a main circuit breaker in the column with a maximum of 40A. It also includes DC fuse disconnectors and surge arresters. The switchboard does not include an AC surge arrester

Code	Manufacturer	Product	Description	Number of pieces
174202	EATON	IKA-3/54-ST	Switchboard ON IP65 plaster, transparent door, 3 rows, 54 modules	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
248852	EATON	Z-SCH-230/40-40	Installation contactor, 230VAC/50Hz, 4S, 40A	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
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