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Switchboards for Photovoltaics



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Switchboard R-FVE-GW32-P – protection class I+II



R-GW32-P

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 check the load during an electrical failu...

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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 check the load during an electrical failure. energy 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), 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 emergency disconnection of the HDO inverter (N0%) and preparation for the installation of the FIRE-SAFETY solution. The GW32 type is designed for the main breaker in the 32A column.

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
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
286518	EATON	PL6-B6/1	Circuit breaker PL6, characteristic B, 1-pole, Icn=6kA, In=6A	2
3722	ELKO EP	HRN-55	Monitoring voltage relay	1
193886	EATON	Z-SCH230/1/25-11	Installation contactor, 230VAC/50Hz, 1S, 1R, 25A	2
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
286591	EATON	PL6-B32/3	Circuit breaker PL6, characteristic B, 3-pole, Icn=6kA, In=32A	1
286590	EATON	PL6-B20/3	Circuit breaker PL6, characteristic B, 3-pole, Icn=6kA, In=20A	2