

TECHNICAL DATASHEET

Emergency Shutdown Switch

BFS-ESW11-K // RESIDENTIAL USE // COMMERCIAL USE

Solar emergency shutdown switch designed to improve safety in photovoltaic installations. It enables a fast and controlled disconnection of the electrical system in case of any incident or during maintenance work. Compatible with most solar systems on the market and easy to install in electrical panels.

- ✓ Emergency shutdown switch for photovoltaic systems equipped with Bexie optimizers.
- ✓ Instant manual shutdown of the panels.
- ✓ Automatic shutdown when AC power is lost.
- ✓ Powered by the grid or by the solar inverter.
- ✓ Complete and safe RSD solution.
- ✓ Status LED indicator and easy installation.



FEATURES



HIGH EFFICIENCY



PLUG & PLAY



ON/OFF GRID



WEATHER RESISTANT



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Emergency Shutdown Switch

BFS-ESW11-K

MODEL	BFS-ESW11-K
FEATURES	
Input Voltage Range	100-240VAC
Maximum Working Current	0.5A
Input Frequency Range	47-63Hz
Rated Output Voltage	24VDC
Maximum Output Current	315mA
Maximum Output Power	7.06W
Power Supply Cables	0.823 mm ² / 18 AWG
Cables Torque	0.5 Nm / 4.5 lbf-in
DIN Terminal Connector Wiring	0.5–4 mm ² / 20 AWG–10 AWG (Note: BFS-01B / BFS-02B uses communication connector 2 × 0.823 mm ²)
DIN Terminal Torque	0.5–0.8 Nm / 4.5–7 lbin
Ambient Operating Temperature	-30°C to +70°C
BFS-01B	40 units
BFS-02B	20 units
Maximum Distance (First PV Power Optimizer to the Emergency Button Switch)	150 m

NOTES

The Emergency Shutdown Switch is supplied in black for the UK market.