

PowerEgg

Mains voltage (110/230V) detector and switch

DIREKTRONIK

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PowerEgg2 can detect and switch on or off 110 to 230V AC mains voltage. The controlling and the controlled circuits are electrically isolated.

Two IEC-320 connectors are used to connect the mains voltage – a plug (C14) at the input, and a socket (C13) at the output.

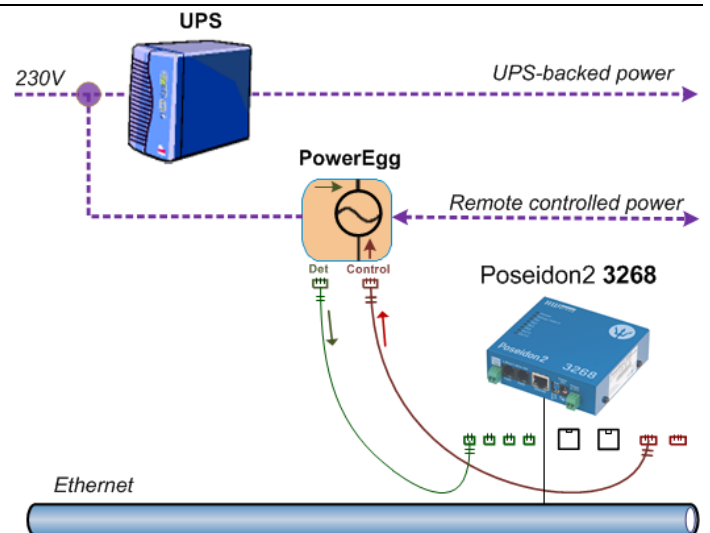
PowerEgg2 provides two functions in one device:

- **DETECTOR:** Detects the presence of mains voltage at the input (indication with a change-over contact).
- **CONTROL:** Disconnects the output voltage (control via external DC voltage or a contact).



Application examples

- Remote server restart
- Switching on additional cooling or ventilation
- Partial disconnection of the load when running on battery power
- Voltage monitoring at UPS input/output



Basic features

- **DETECTOR:** Detects 110 to 230V AC mains voltage
 - Power failure indicated with a relay contact
 - Output contact is electrically isolated
- **CONTROL:** Controlled output
Voltage passes through when the control voltage / contact is disconnected (**Power output = Power Input**)
 - The control input is electrically isolated
 - Two options of controlling the output:
 - Control voltage 3 to 12V, or Low-voltage, closing contact