



WG-PF

Potential-free Relay

Technical specifications and installation instructions



1. Description

The **potential-free relay WG-PF** can transfer control commands to other systems. This way an output command of e. g. controls WS1 or WS1000 (230 V) can be used for a heat and smoke extraction system or a 24 V drive system. The **WG-PH** is fitted with a change-over contact for "Up" and "Down".

Functions:

- Control input 230 V AC, Up/Down/N
- Output potential-free closer contacts

1.1. Technical specifications

Installation	Mounting
Protection category	IP 20
Dimensions	approx. 38 × 47 × 30 (B × H × T, mm)
Weight	approx. 50 g
Ambient temperature	Operating -20...+70 °C, Storage -55...+90°C
Ambient air humidity	max. 95% rF, avoid bedewing
Control input	230 V AC, Up/Down/N
Outputs	1 × Up, 1 × Down, potential-free, max. 230 V, 8A

The product conforms with the provisions of EU directives.

2. Installation and commissioning

2.1. Installation notes



Installation, testing, operational start-up and troubleshooting should only be performed by an electrician.



DANGER!

Risk to life from live voltage (mains voltage)!

There are unprotected live components within the device.

- VDE regulations and national regulations are to be followed.
- Ensure that all lines to be assembled are free of voltage and take precautions against accidental switching on.
- Do not use the device if it is damaged.
- Take the device or system out of service and secure it against unintentional use, if it can be assumed, that risk-free operation is no longer guaranteed.

The device is only to be used for its intended purpose. Any improper modification or failure to follow the operating instructions voids any and all warranty and guarantee claims.

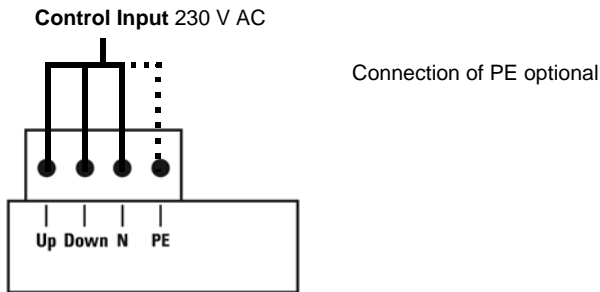
After unpacking the device, check it immediately for possible mechanical damage. If it has been damaged in transport, inform the supplier immediately.

The device may only be used as a fixed-site installation; that means only when assembled and after conclusion of all installation and operational start-up tasks and only in the surroundings designated for it.

Elsner Elektronik is not liable for any changes in norms and standards which may occur after publication of these operating instructions.

2.2. Connection Diagram

Control Input:



Outputs:

