



WGGS-4

Group control relay

Technical specifications and installation instructions

Item number 203



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1. Description

The **Group Control Relay WGS-4** can operate up to four drives as a group. The wall-mounted housing allows it to be fitted in non-conspicuous locations (such as sub-distributor casings, inspection flaps).

1.0.1. Scope of delivery

- Decoupling relay in wall-mounted housing.

1.1. Technical Data

Housing	Plastic
Colour	Grey
Installation	Surface-mounted
Protection category	IP 54
Dimensions	approx. 160 × 80 × 57 (W × H × D, mm)
Weight	approx. 295 g
Ambient temperature	Operating -20...+50 °C, Storage -55...+90°C
Operating voltage	230 V AC, 50 Hz
Control input	230 V AC, 50 Hz (Up/Down/N/PE)
Outputs	4 x drives 230 V AC (Up/Down/N/PE). max. 500 W per output. Observe the maximum output of the power source!

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.

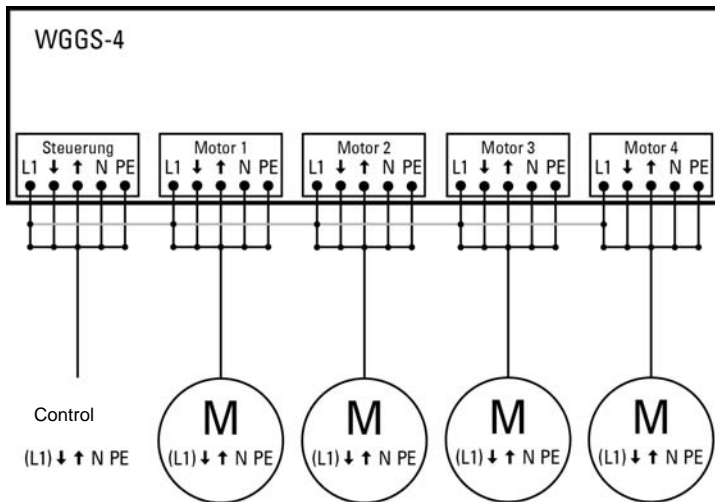
The device is only to be used for its intended purpose. Any improper modification or failure to follow the operating instructions voids any and all warranty and guarantee claims.

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



On motors which require a continuous voltage L1, voltage L1 from the control input is guided through the terminals L1 to the motor outputs (marked grey).