

TG 050

User instruction 

Wind gauge

Safety Recommendations:

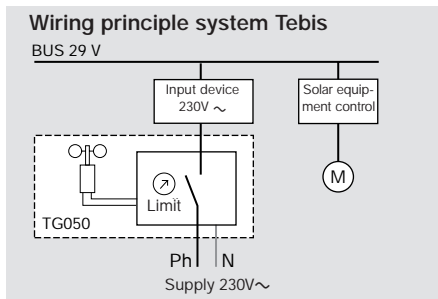
- Must be connected by a qualified technician in accordance with the relevant electrical standards and local restrictions.
- It is important to connect the Ph - N in the right polarity.

Function

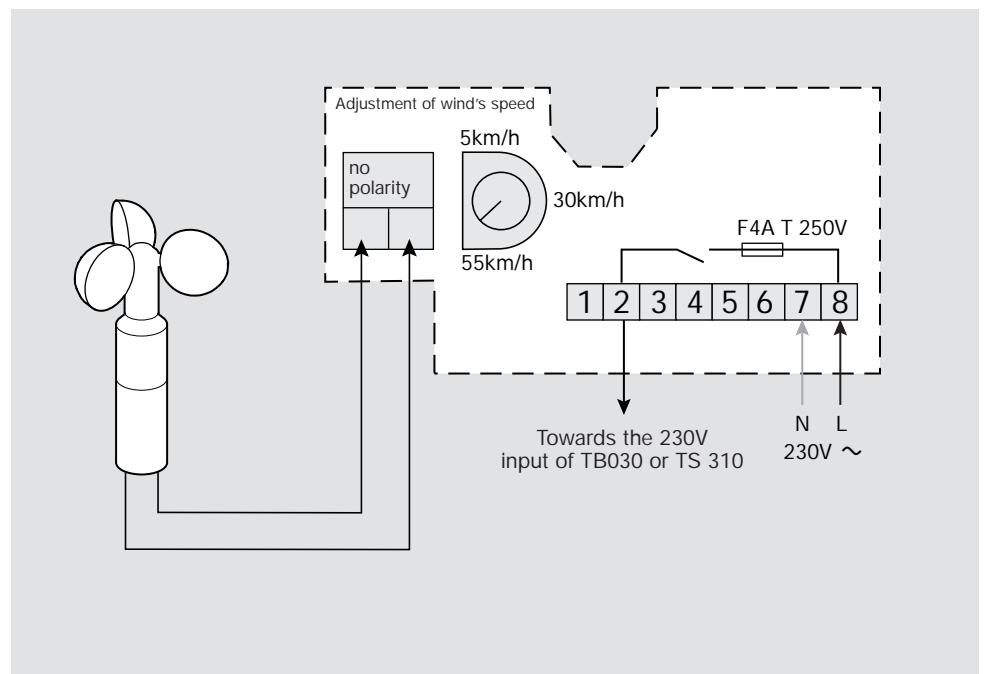
In the system Tebis and Tebis TS, the wind gauge TG 050 is used as a protection device for solar shading equipment against strong wind. The speed of the wind is measured by the wind gauge.

If the wind's speed exceeds the value adjusted on the potentiometer for longer than three seconds, the solar shading equipment is retracted and kept in security position for 10 minutes.

After this delay, if the wind speed has decreased, the solar shading equipment can again be controlled by switches.



Electrical connection



Technical Specifications

Product composition :

- Wind gauge with fixing set
- Connection enclosure IP 65
- Fixing screws for the casing (drilling \varnothing 6 mm)

Electrical data

- Supply voltage: 230 V ~ 50 Hz
- Contact loading capacity: 230 V ~ 4 A (internal protection over fuse 4 A inertly)

Operation data

- Adjustment of wind's speed limit : up to 55 km/h (range ex-works 25 km/h)
- Reaction time when exceeding this limit : 3 seconds (5 seconds max.)
- Close time at wind : 10 minutes (fixed)

Environment

- Protection class II
- Protection degree IP 65
- Operating temperature: from -25 °C to +50 °C

Connection

- Cage clamps: 0.5 \square to 2.5 \square

Dimensions

- The waterproof enclosure : 80 x 100 x 52 mm
- Fixing holes-distance : 90 mm.

Notices before taking into operation :

1. To guarantee the water proofness during assembly, follow the instructions in the sketch below.
2. Always keep a minimum distance of 1 cm between the cable of the wind gauge and the other cables.
3. Adjust the limit value of wind's speed according to shutter manufacturer instruction with the potentiometer.
4. Assure that the wind gauge's function isn't hindered (by wall, closed shades and so on).

Warranty



A warranty period of 24 months is offered on hager products, from date of manufacture, relating to any material of manufacturing defect. If any product is found to be defective it must be returned via the installer and supplier (wholesaler). The warranty is withdrawn if:

- after inspection by hager quality control dept the device is found to have been installed in a manner which is contrary to IEE wiring regulations and accepted practice within the industry at the time of installation.
- the procedure for the return of goods has not been followed. Explanation of defect must be included when returning goods.

