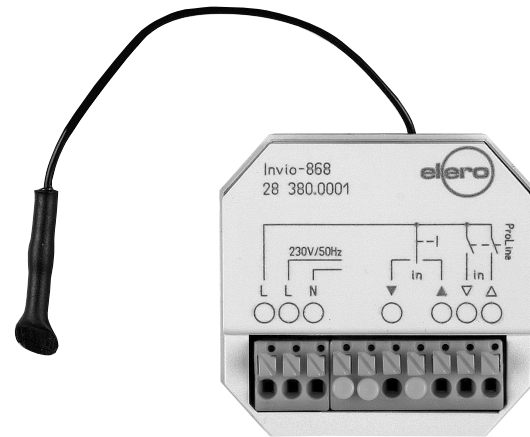


Invio-868



CE 0682

GB Operating instructions
Please take care of the operating instructions!

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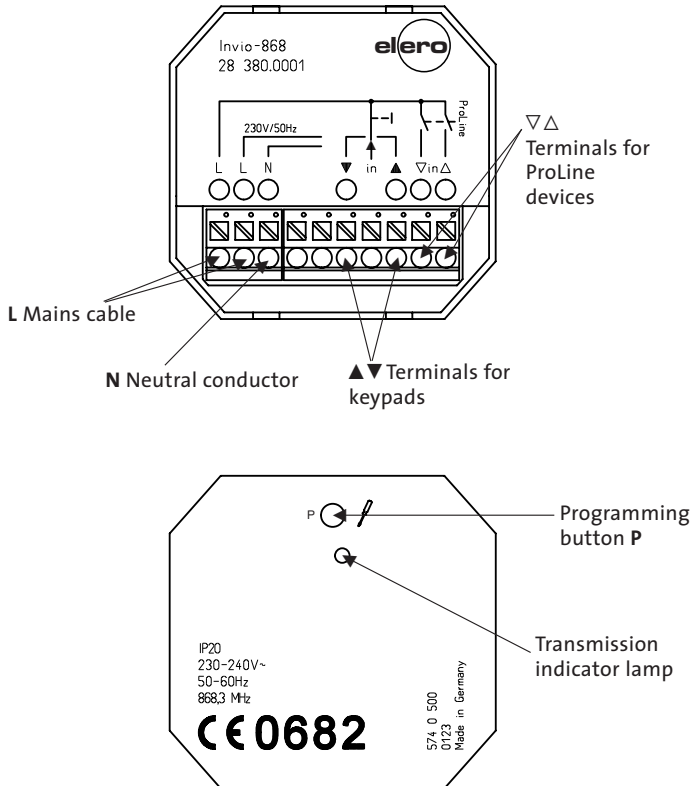
Warning!



Risk of injury due to electrocution.

- The connections to the 230 V mains must be made by authorised specialist personnel.
- De-energise the connection line prior to installation.
- The regulations of the local energy supply company as well as the regulations for wet and damp rooms according to VDE 100 must be followed when making the connections.
- Use only in dry rooms.
- Only use unmodified original **elero** electrical parts.
- Keep persons away from the operating range of the system.
- Keep children away from the controls.
- Follow the relevant country-specific regulations.
- If one or more devices are used for controlling the system, the operating range must stay visible during operation

Explanation of buttons and display



General information

A venetian blind switch and/or a ProLine device can be connected to the Invio-868 radio transmitter.

Intended use

The Invio-868 must **only** be used for controlling roller shutter, awning and blind systems.


- Please ensure that the radio installations are not operated in areas of heightened possible interference. (e.g. hospitals, airports ...).
- The remote control is only approved for devices and systems for which any malfunction of the manual transmitter or receiver would not result in a risk for persons, animals or property, or if such a risk is covered by other safety devices.
- The operator has no protection whatsoever from interferences by other radio emitters and local terminals (e.g. also from radio installations), that are normally used on the same frequency range.
- Only use radio receivers with equipment and units approved by the manufacturer.

Advice: Radio systems, which operate on the same frequency, can lead to reception of interferences.

Please note, that the range of the radio signal is limited by the government and the built environment.


Connection

The design for a control device can be found in the controller catalogue.



Risk of injury due to electrocution!

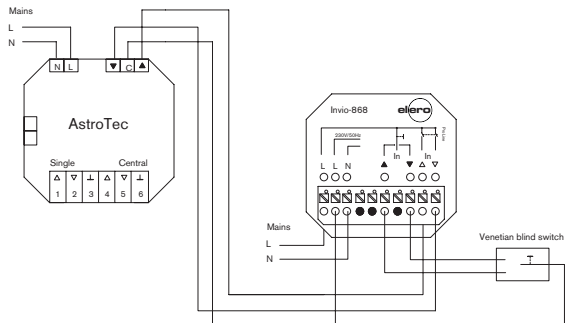
Warning!



- The connection must only be made by an authorized specialist!
- The device only offers protection against touch by the back of the hand (IP1X), no protection against accidental contact.
- Do not kink, shorten or extend the aerial..
- Only actuate the programming key P with an insulated tool (4 kV proof voltage).

Precondition: Branch switchbox at 60 mm depth.

1. Connect the stripped cable ends without connector sleeves as follows:



2. Carry out the Invio-868 programming procedure at the receiver (see Section entitled „Radio programming“).
3. Place the Invio-868 in the switchbox.

Advice: Make sure that the aerial is installed optimally.

▲▼ Terminals for venetian blind switch

At these inputs you can connect a venetian blind switch.

△▽ Terminals for ProLine devices

It is possible to connect all potential-free devices to these terminals. However only devices from the ProLine family can use all the signals.

Advice: The connected ProLine devices must be calibrated as DRIVE CONTROL DEVICES.

Programming the radio

Programming the transmitter/channel

Precondition: The Invio-868 must be installed. The switch or another ProLine control device must also be connected.

1. In the case of already-installed receivers, switch the fuse off and then on again after a few seconds.
The receiver will now be in ready-to-program mode for 5 minutes.
2. Now press the **P** key on the Invio-868 or on a manual transmitter.
The receiver will now be in ready-to-program mode.
3. In order to define the key assignment, immediately after the start of upward travel (1 sec.) press the **UP** key on the switch or on the control device.
The roller shutter will stop for a short time.
Immediately after starting downward travel press the **DOWN** key on the switch or on the control device.
The roller shutter will stop.
The Invio-868 has now been programmed.

Intermediate positions/ventilation position

The intermediate or ventilation/turning position can only be programmed with a ProLine control device or a manual transmitter.

The intermediate or ventilation position cannot be programmed with the roller shutter keypad.

Approach intermediate position

1. Press the **DOWN** button **briefly** twice successively.
2. The drive travels to the stored intermediate position.
If no intermediate position has been stored the roller shutter travels to the lowest end position.

Approach ventilation/turning position

1. Press the **UP** button **briefly** twice successively.
2. The roller shutter travels to the stored ventilation position.
If no ventilation position has been stored the roller shutter travels to the upper end position.

Deletion of transmitter

The Invio-868 can only be deleted with a programmed manual transmitter

Technical data

Rated voltage	230-240 V AC / 50-60 Hz
Protection class	IP 20
Permitted ambient temperature	0 to +55 °C
Radio frequency	868,3 MHz
Type of mounting	Flush-mounted \varnothing 58 mm wall installation Surface-mounted in corresponding AP housing
Dimensions	L 50 x W 48 x 22 mm

The maximum sending range within a building is up to 10 m.

Notes on troubleshooting

Fault	Cause	Remedy
The drive does not run, the transmission indicator lamp doesn't light up.	False connection.	Check connection.
The drive does not run, the transmission indicator lamp stays on.	1. The receiver is outside of sending range. 2. Transmitter not programmed into receiver.	1. Reduce distance to the receiver. 2. Program the transmitter.
Drive operates in the wrong direction.	Incorrect direction has been programmed.	Delete transmitter and program correctly.

General conformity declaration:

Herewith the company elero GmbH declares that the Invio-868 device satisfies the basic requirements and other relevant regulations of the 1999/5/EC guidelines.