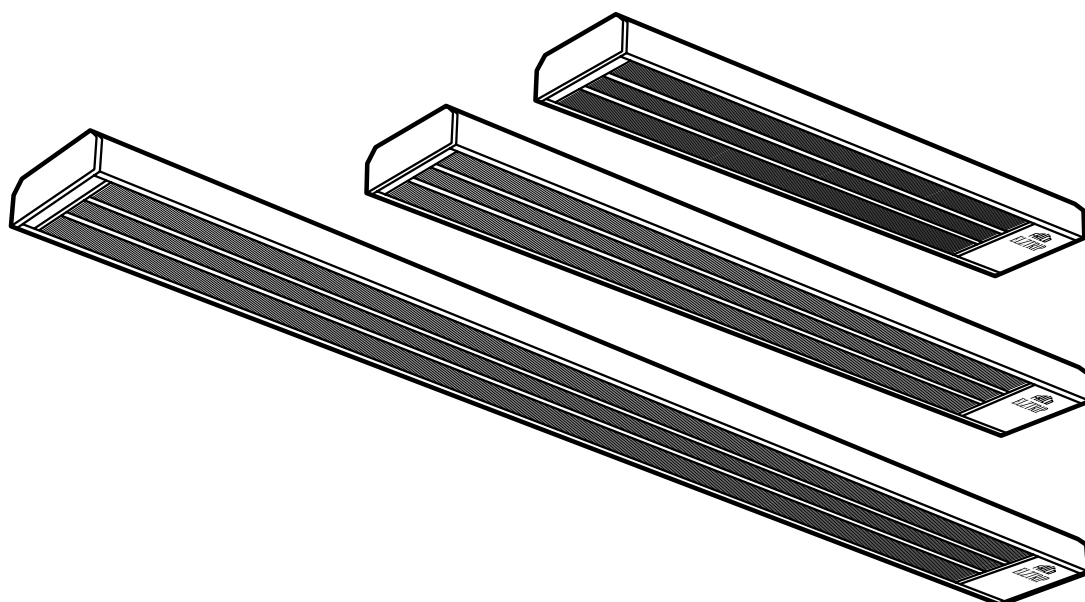


Original instructions

Elztrip EZ100

600 - 1500 W



SE ... 7

GB ... 9

NO 11

FR ... 13

RU ... 15

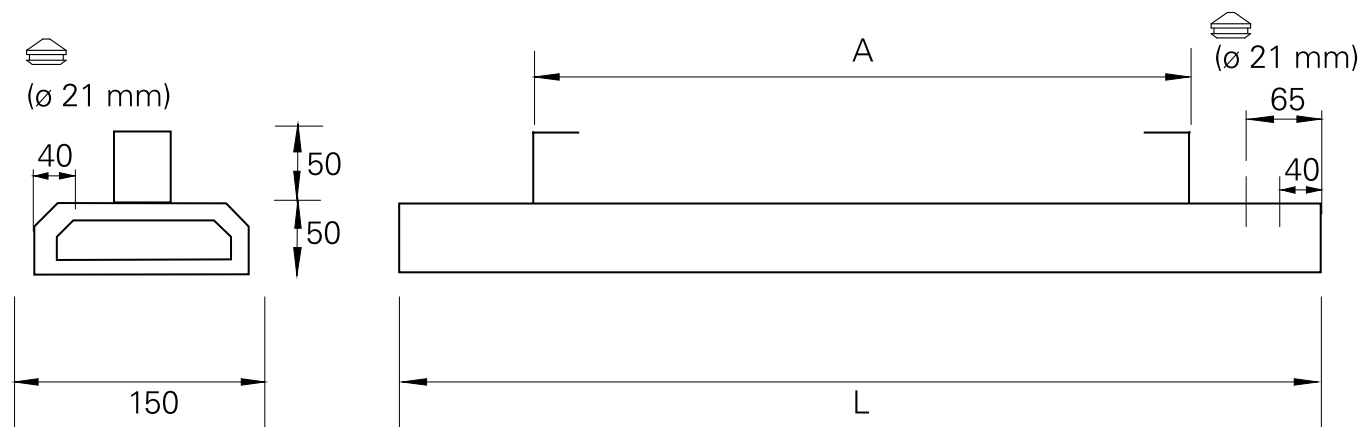
DE ... 17

PL ... 19

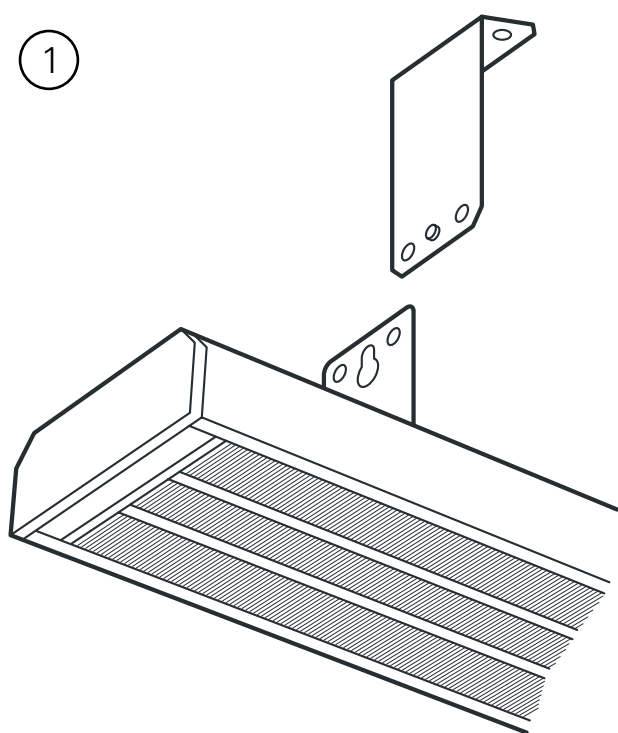
FI ... 21

MÅTT

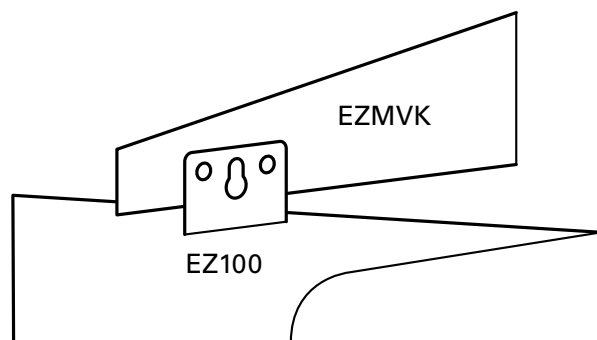
Elztrip EZ100



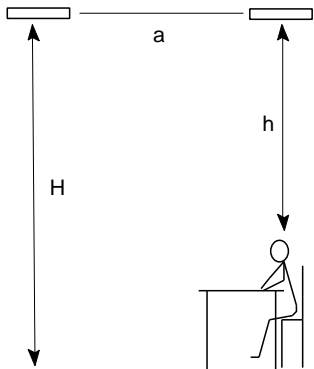
| | L [mm] | A [mm] |
|--------|-----------|-----------|
| EZ106N | 870 | 655 |
| EZ111N | 1470 | 1252 |
| EZ115N | 1950 | 1731 |



2



3

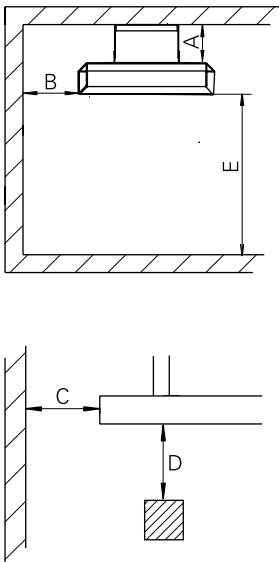


$a < H$
 $\Delta h = 1,5 - 2 \text{ m}$



| | |
|--------|--------|
| EZ106N | 3,2 kg |
| EZ111N | 5,4 kg |
| EZ115N | 7,0 kg |

4



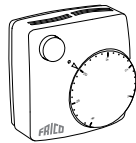
EZ100

| | |
|---|------|
| A | 50 |
| B | 50 |
| C | 50 |
| D | 500 |
| E | 1800 |

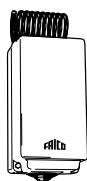
Tillbehör/ Accessories



T10



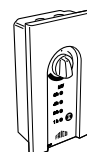
TKS16



KRT1900



ERP



CIRT



EK1003-5 (SE)



EDM20C (NO)



EDM35C (NO)



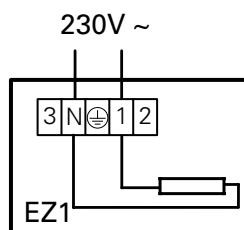
SSR (NO)

Controls and other accessories

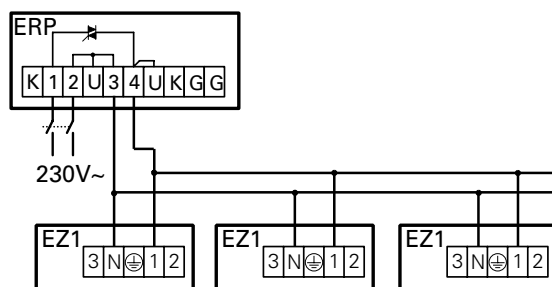
| Type | Description | E-no | EL-no | RSK-no | HxWxD [mm] |
|----------------|--|-----------|-----------|-----------|---------------|
| ERP | Electric heating control | 85 820 05 | 54 328 86 | | 153x94x43 |
| ERPS | Electric heating control (slave) | 85 820 10 | 54 328 90 | | 153x94x43 |
| T10 | Electronic thermostat | 85 809 35 | 54 911 35 | | 80x80x31 |
| TKS16 | Electronic thermostat, knob, 1-pole switch | 85 809 37 | 54 911 51 | | 80x80x39 |
| TD10 | Electronic thermostat, display | 85 809 39 | 54 911 39 | | 80x80x31 |
| KRT1900 | Capillary room thermostat, IP55 | 85 810 12 | 54 910 50 | 672 70 40 | 165x57x60 |
| CIRT | Stepless output control with timer | 85 702 92 | 54 325 39 | | 155x87x43 |
| EZMVK | Mounting bracket | 85 746 90 | 54 312 00 | | L:1500 |

Wiring diagrams

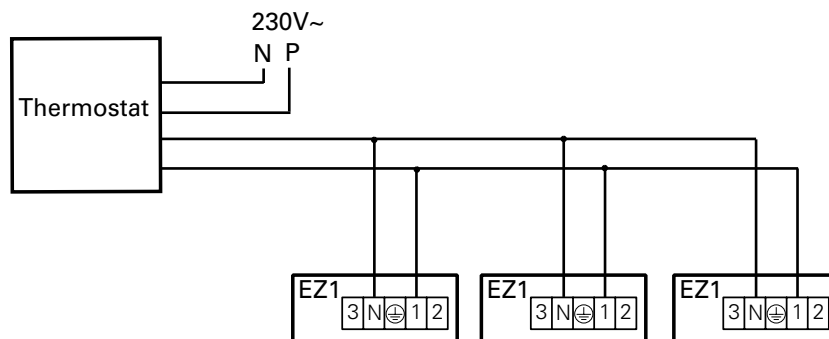
Internal wiring diagram



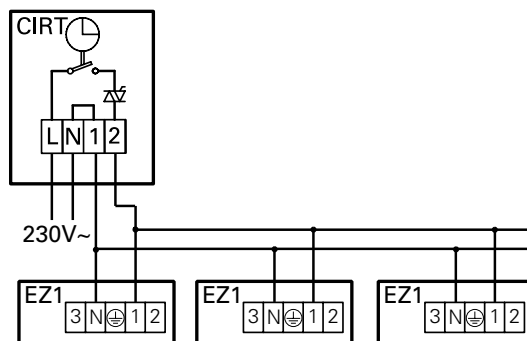
Output control



Control by thermostat



Output control with timer



Elztrip EZ100

Technical specifications

| Type | Heat output | Voltage | Min. cable Ø | Dimensions LxHxW | Distance between brackets | Max. surface temperature |
|---------------|-------------|---------|--------------------|------------------|---------------------------|--------------------------|
| | [W] | [V] | [mm ²] | [mm] | [mm] | [°C] |
| EZ106N | 600 | 230V~ | 1.5 | 870x50x150 | 655 | 280 |
| EZ111N | 1050 | 230V~ | 1.5 | 1470x50x150 | 1252 | 280 |
| EZ115N | 1500 | 230V~ | 1.5 | 1950x50x150 | 1731 | 280 |

Protection class Elztrip EZ100: (IP44), splash-proof design.

Approved by SEMKO and CE compliant.

Installation and operating instructions

General Instructions

Read these instructions carefully before installation and use. Keep this manual for future reference.

The guarantee is only valid if the units are used in the manner intended by the manufacturer and in accordance with the Frico mounting and operating instructions.

Application area

Elztrip EZ100 has a single heating panel and is designed for ceiling heights between 2.5 and 4 metres. EZ100 is used in shops, schools, exhibition halls, workshops and hospitals. Private homes and offices are also common areas of use.

EZ100 is suitable both for total and supplementary heating, as well as for protection against cold draughts from large glass surfaces. Protection class: IP44.

Operation

The panels have an operating temperature of up to 280°C and the heat is radiated to cold surfaces. Heating with radiant heaters is very energy efficient and a high comfort level is obtained.

Mounting

Elztrip EZ100 is mounted on the ceiling, on armature rails or suspended from the ceiling by means of rods or chains. EZ100 is intended for permanent installation and should always be mounted horizontally.

In rooms frequently used, the heater should be mounted 1.5 to 2 metres above head height, see Fig. 3. The distance between the panels should not be more than the height between panel and floor, i.e. "a" should be less than "H", see Fig.3. For minimum mounting distance, see Fig.4.

Ceiling fixtures and screws are found inside the connection box.

Mounting on the ceiling

1. Mount the ceiling fixtures on the ceiling.
2. Open the folded mounting hinges on the top side of the heater and hang the heater on the ceiling fixtures. See Fig. 1. Make sure that the guide pegs are fitted into the holes, to ensure that the heater is fixed in a horizontal position. Fasten the screws.

Mounting on the wall (only horizontal)

Brackets for wall mounting (EZMVK) are extra.

1. Mount the bracket on the wall.
2. Open the folded mounting hinges on the top side of the heater and hang the heater on the brackets. See Fig. 2. Make sure that the guide pegs are fitted into the holes, to ensure that the heater is fixed in a horizontal position. Fasten the screws.

Connection

The terminal box cover has self-tapping screws. The screw should only be unthreaded 1,5 turns, after which the cover can be removed. NB While the screw is self-tapping, the thread is vulnerable to damage if the screw is fully removed and replaced several times. EZ100 is intended for 230V~ and permanent installation. The heater(s) should only be wired by a competent electrician, and in accordance with existing national regulations.

The appliance should be preceded by a double pole switch with at least 3 mm breaking gap. There are two holes with cable glands Ø 21mm on the top of the connection box. Connection and serial connection of EZ100 is done with a maximum cable size of 4x2.5 mm² + earth.

Start up (E)

When the unit is used for the first time or after a long period of disuse, smoke or odour may result from dust or dirt that has collected on the element. This is completely normal and disappears after a short time.

Residual current circuit breaker (E)

When the installation is protected by means of a residual current circuit breaker, which trips when the appliance is connected, this may be due to moisture in the heating element. When an appliance containing a heater element has not been used for a long period or stored in a damp environment, moisture can enter the element. This should not be seen as a fault, but is simply rectified by connecting the appliance to the mains supply via a socket without a safety cut-out, so that the moisture can be eliminated from the element. The drying time can vary from a few hours to a few days. As a preventive measure, the unit should occasionally be run for a short time when it is not being used for extended periods of time.

Maintenance

There might be a rattling noise the first time of use when the surface coating of the panels is settling.

If the heater is used in rooms where there are aerosols, lacquer, solvents and similar, this can cause a coating on the panels and discolour them. The output is not affected.

In all electrical heating appliances, small clicks can occur due to movement when the material expands and contracts with changes in temperature.

Safety

- *For all installations of electrically heated products should a residual current circuit breaker 300 mA for fire protection be used.*
- *Do not touch surface of heater when in use!*
- *The unit must not be covered fully or partially with clothes or similar materials, as covering can result in a risk of fire!*
- *This appliance is not intended for use by children and persons with reduced physical, sensory or mental capabilities, or a lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by an individual responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.*

Main office

Frico AB
Box 102
SE-433 22 Partille
Sweden

Tel: +46 31 336 86 00
Fax: +46 31 26 28 25
mailbox@frico.se
www.frico.se

**For latest updated information and information
about your local contact: www.frico.se**