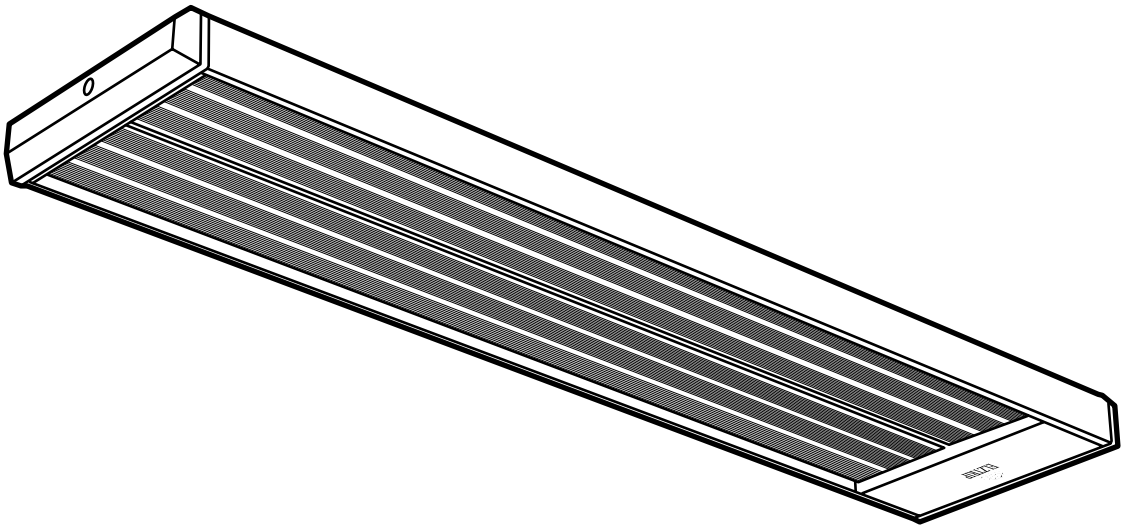
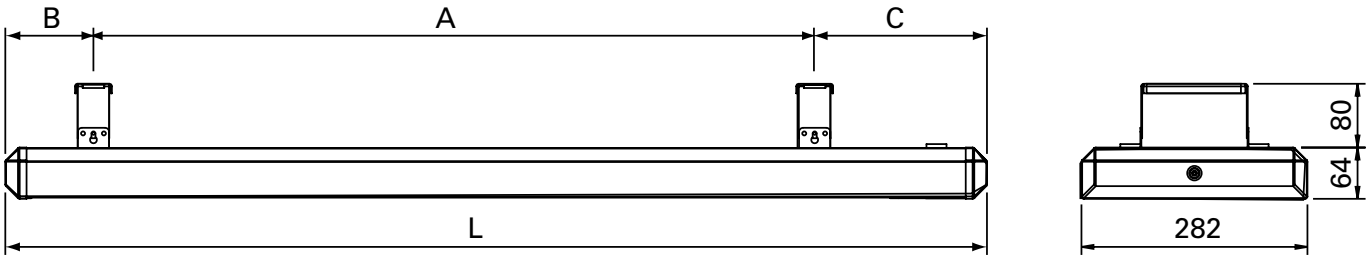
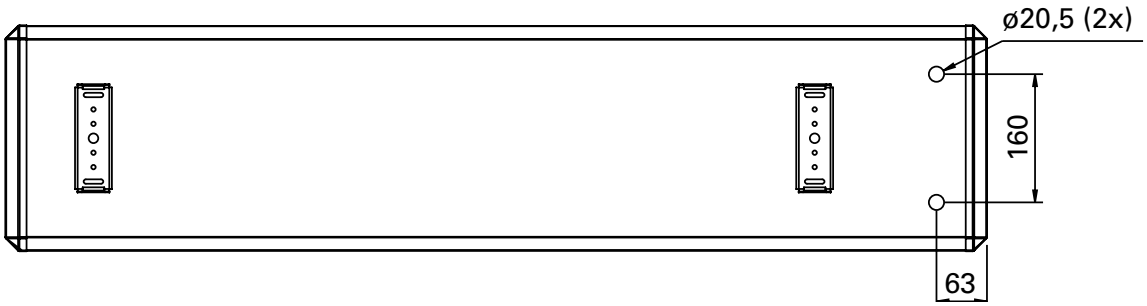
Elztrip EZ200







Type	L [mm]	A [mm]	B [mm]	C [mm]
EZ208	683	400	90	193
EZ212	923	600	110	213
EZ217	1221	900	109	212
EZ222	1520	1200	108	212

Installation

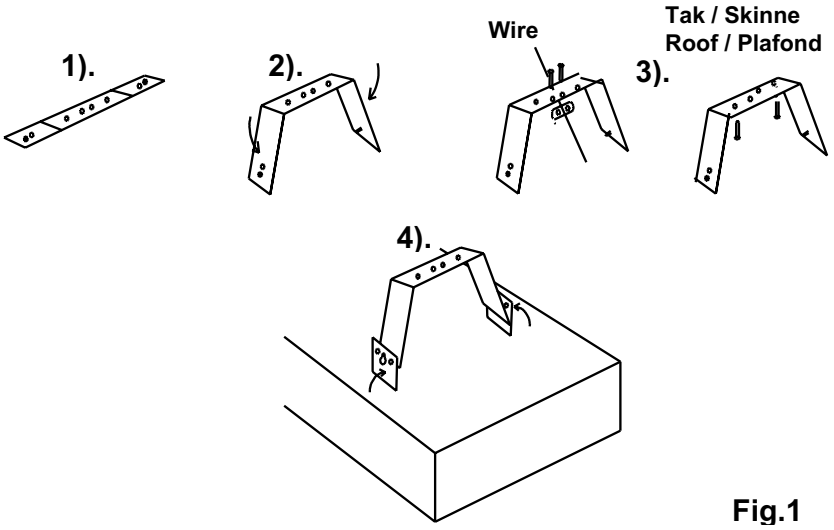
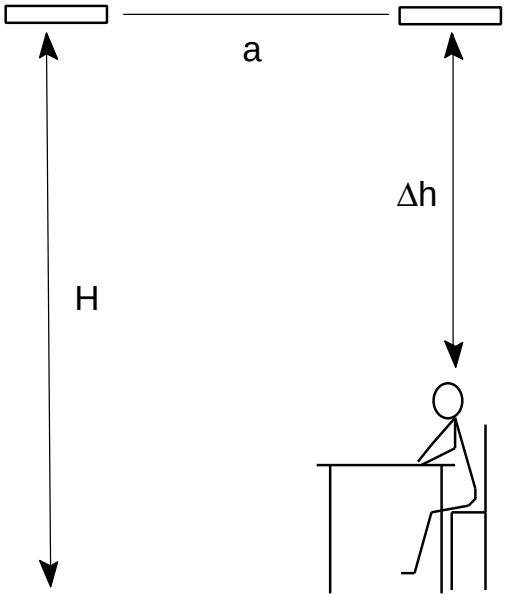


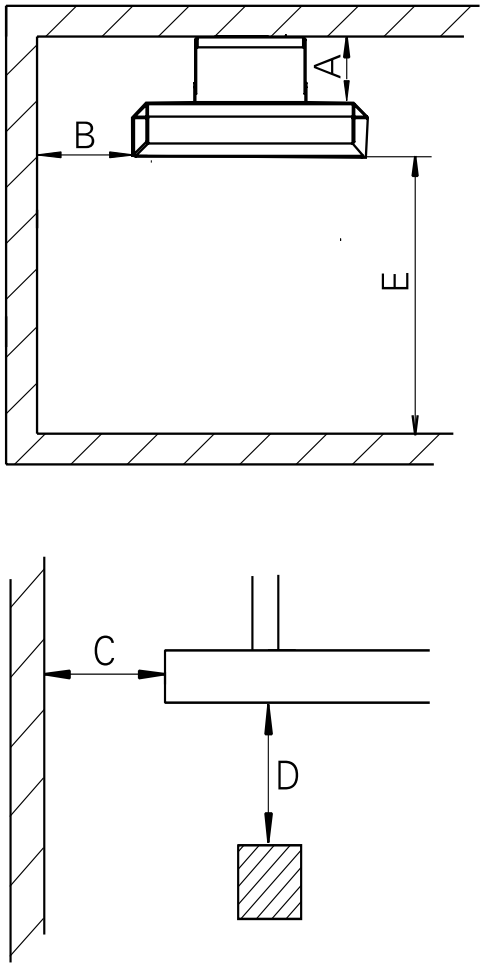
Fig.1

Positioning



a < H
Δh = 1,5 - 2 m

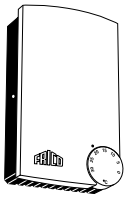
Fig. 2: Positioning vertically



Type	EZ200 [mm]
A	80
B	150
C	150
D	600
E	1800

Fig. 3: Minimum mounting distance

Accessories

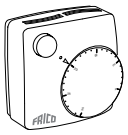


ERP

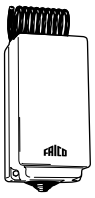
RTE102

T10

RTEV102

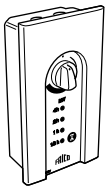


TKS16



KRT1900

TD10



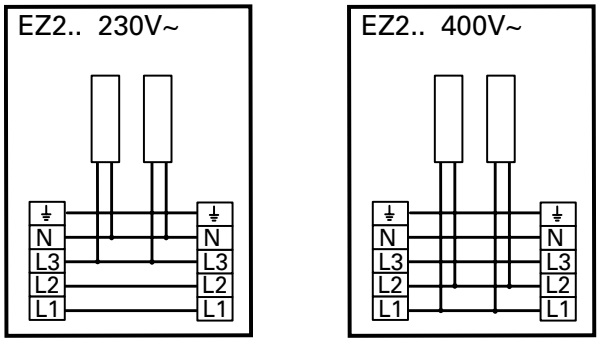
CIRT

Type	E-nr [SE]	EL-nr [NO]	HxWxD [mm]
ERP	85 820 05	54 238 86	153x93x40
ERPS	85 820 10	54 328 90	153x93x40
T10	85 809 35	549 11 35	80x80x31
TKS16	85 809 37	549 11 51	80x80x39
TD10	8580939	549 11 39	80x80x31

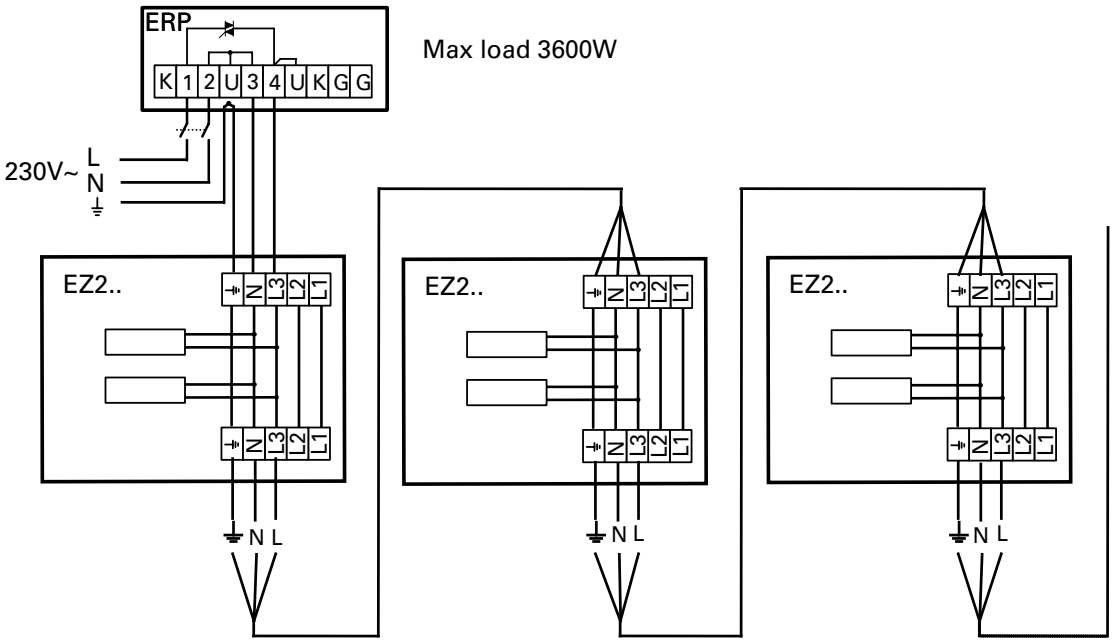
Type	E-nr [SE]	EL-nr [NO]	HxWxD [mm]
RTE102	85 809 02	549 11 02	71x71x28
RTEV102	85 809 12	54 911 12	71x71x28
KRT1900	85 810 12	549 10 50	165x57x60
CIRT	85 702 92	54 325 39	155x87x43

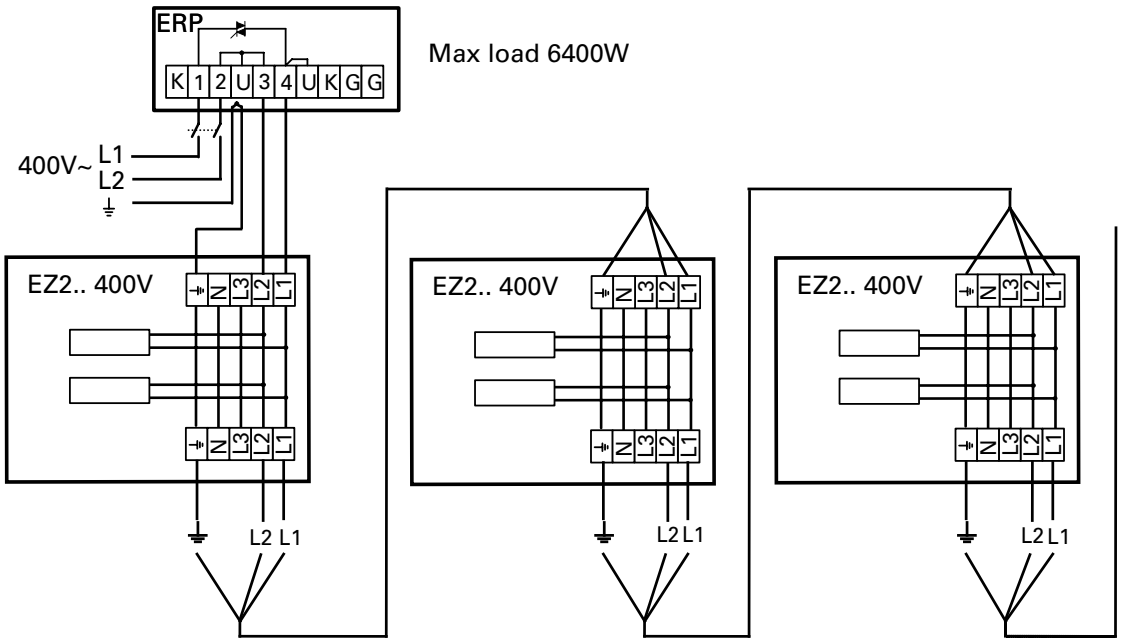
Wiring diagrams EZ200

Internal wiring diagrams

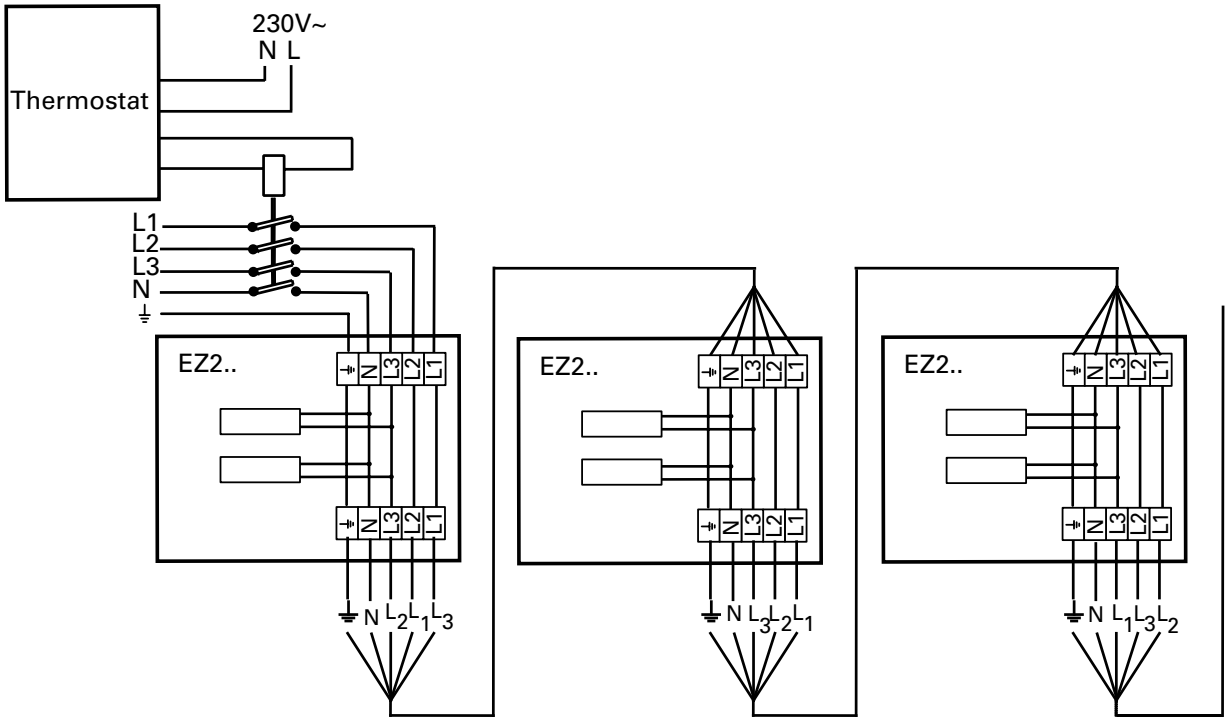


Output control 230V~ / 400V2~

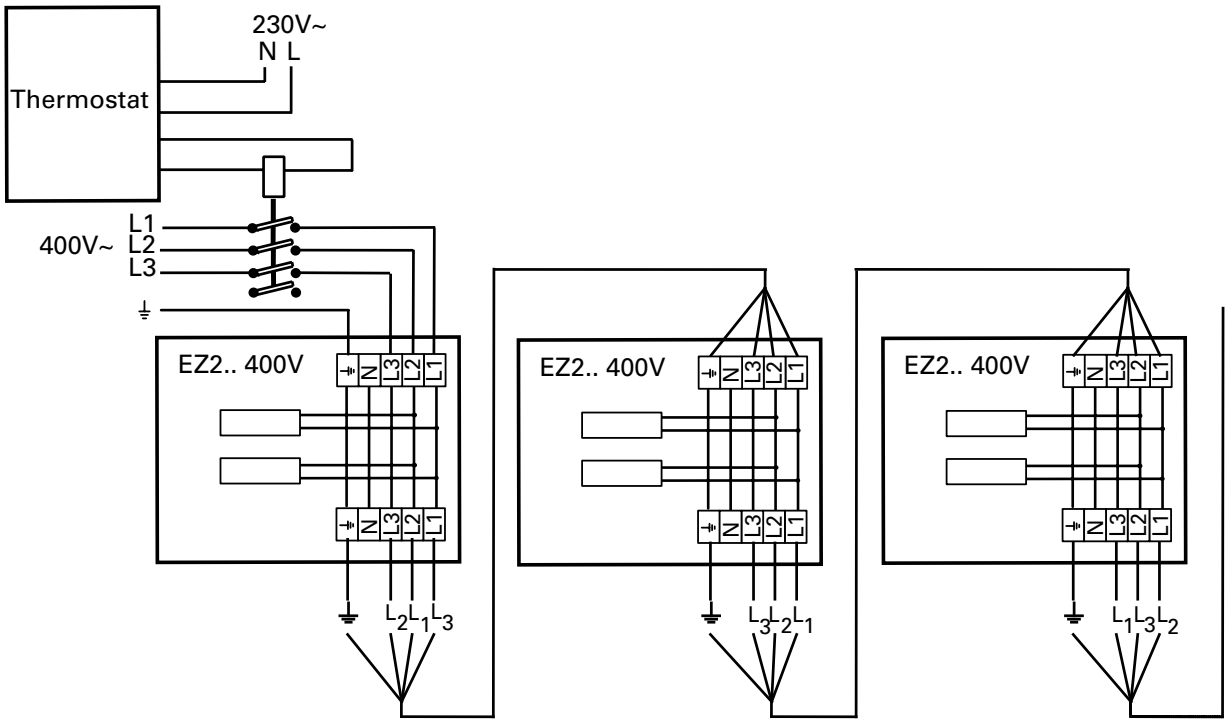




Control with thermostat and contactor 230V~

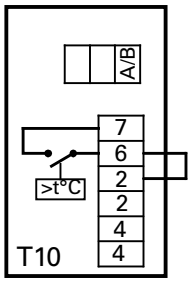


Control with thermostat and contactor 400V2~

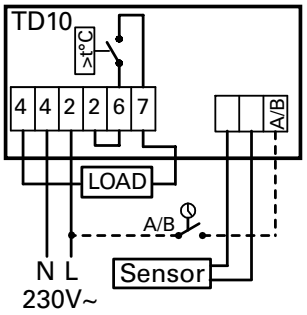


Thermostats

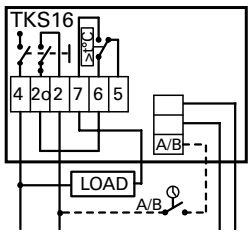
Internal wiring diagrams



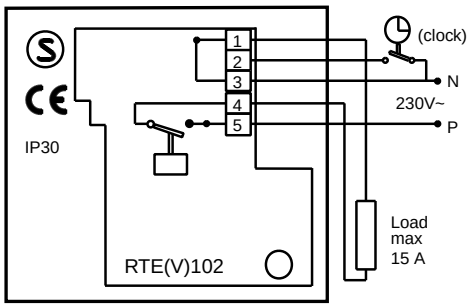
T10



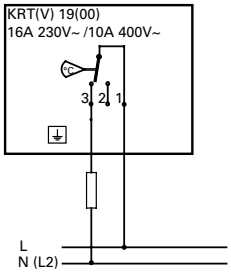
TD10



TKS16



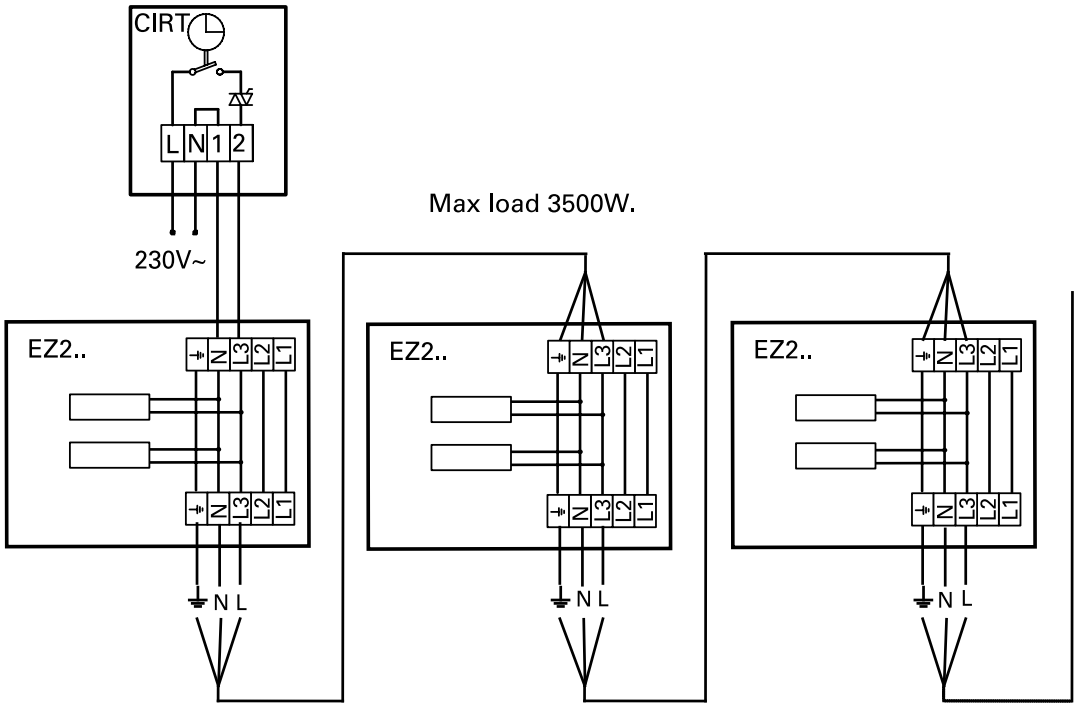
RTE102 / RTEV102



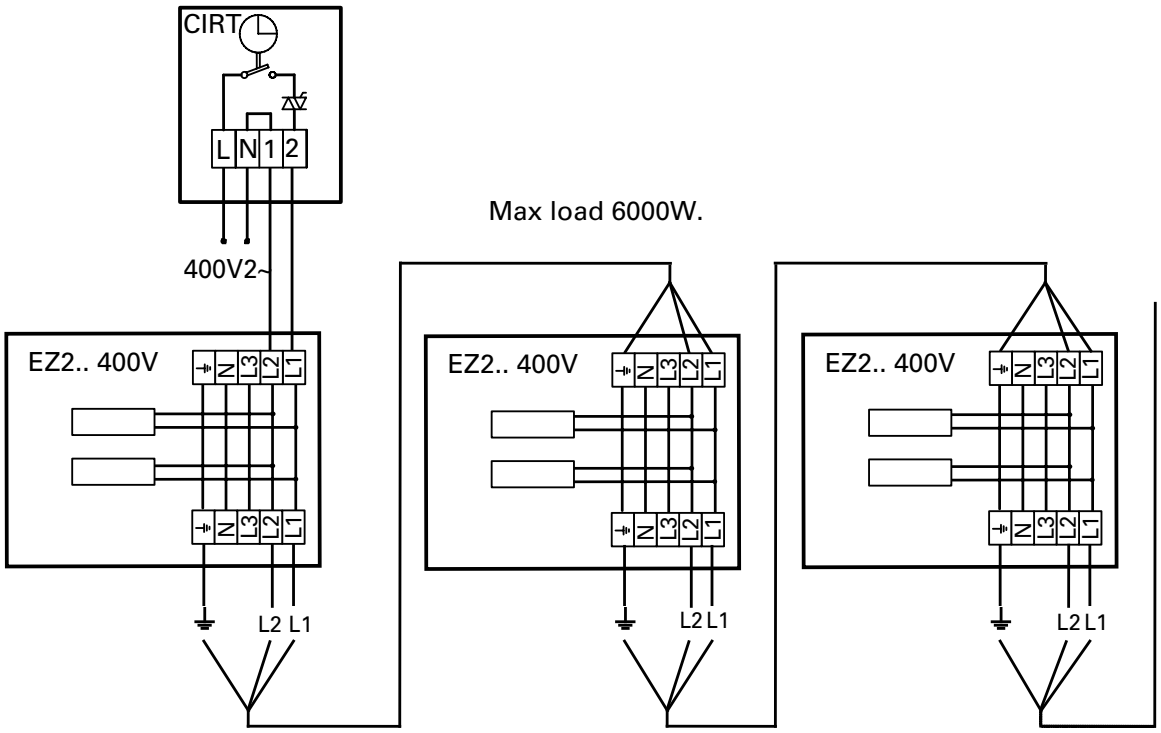
KRT1900

See next page

Output control with timer 230V~



Output control with timer 400V2~



Technical specifications | Elztrip EZ 200

Type	E-nr (SE)	EL-nr (NO)	Output (1) [W]	Voltage (2) [V]	Amperage (3) [A]	Max. surface temperature (4) [°C]	Weight (5) [kg]
EZ208	85 747 56	543 26 01	800	230V~	3,5	340	4,9
EZ212	85 747 60	543 26 02	1200	230V~	5,2	340	6,8
EZ217	85 747 64	543 26 03	1700	230V~	7,4	340	8,8
EZ222	85 747 68	543 26 04	2200	230V~	9,6	340	10,7
EZ20831	85 747 58	543 26 07	800	400V2~	2,0	340	4,9
EZ21231	85 747 62	543 26 09	1200	400V2~	3,0	340	6,8
EZ21731	85 747 66	543 26 10	1700	400V2~	4,3	340	8,8
EZ22231	85 747 70	543 26 11	2200	400V2~	5,5	340	10,7

Protection class EZ200: IP44

(1)
SE: Effekt
GB: Output
NO: Effekt
FR: Puissance
RU: Выходная мощность
DE: Abgabe
PL: Moc
FI: Teho
ES: Potencia

(2)
SE: Spänning
GB: Voltage
NO: Spenning
FR: Tension
RU: Напряжение
DE: Spannung
PL: Napięcie
FI: Jännite
ES: Tensión

(3)
SE: Ström
GB: Amperage
NO: Strøm
FR: Intensité
RU: Сила тока
DE: Strom
PL: Natężenie prądu
FI: Virranvoimakkuus
ES: Intensidad

(4)
SE: Maximal yttemperatur
GB: Max. surface temperature
NO: Maksimal overflatetemp.
FR: Température de surface
RU: Max. темпер. греющ. поверх.
DE: Max. Oberflächentemperatur
PL: Max. temperatura powierzchni grzewczej
FI: Maks. pintalämpötila
ES: Máxima temperatura de superficie

(5)
SE: Vikt
GB: Weight
NO: Vekt
FR: Poids
RU: Вес
DE: Gewicht
PL: Waga
FI: Paino
ES: Peso

Mounting 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 EZ200 has two heating panels and is designed for ceiling heights between 3 and 10 metres.

EZ200 is used in shops, department stores, exhibition halls, warehouses etc. EZ200 can be used both for total and supplementary heating. EZ200 is also suited for spot heating of parts of the premises.
Protection class: splash-proof design (IP44).

Operation

The panels have an operating temperature of up to 340 °C and the heat is radiated to cold surfaces. Heating with radiant heaters is very energy effecient and a high comfort level is obtained. Max. surrounding temperature is +30 °C.

Mounting

Elztrip EZ200 is mounted on the ceiling, on armature rails, wire or suspended from the ceiling by means of rods or chains. The units are 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. 2. 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. 2. For minimum mounting distance, see Fig. 3.

Standard fittings (2 pcs) for mounting are included and are found inside the connection box.

1 Determine the position of the panel on the ceiling.
2 Bend the "legs" of the brackets (fig 1.1) approximately 90° (fig 1.2).
3 Mount the brackets with an internal distance according to dimensional drawing page 2, on the ceiling or on a wire (fig 1.3). When the panel is mounted on a wire put the bracket on top of wire. Mount the panel according to fig 1.4, start with one end and then assemble the other one. Make sure that the screws are tightened. When mounting on wire, use clips that prevent the panel from sliding.

Electrical installation

EZ200 is intended for 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 Ø20,5 mm on the top of the connection box. The cable glands used must guarantee the protection class requirements. Connection is done via the block terminals. For serial connection the maximum fuse size is 35A.

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.

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.

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.

Safety

- *For all installations of electrically heated products should a residual current circuit breaker 300 mA for fire protection be used.*
- *During operation the surfaces of the unit are hot!*
- *The unit must not be covered fully or partially with flammable 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.*

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