Eltako
ELECTRONICS

Wireless sensor

Temperature controller FTR55H

CE

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

valid for devices from production week 48/12 (see bottom side of housing)

Wireless temperature controller with hand wheel for surface mounting or integration in the 55x55 mm and 63x63 mm switch system. Power supply with the integrated solar cell or a 12 V DC power supply unit. From production week 48/2012 also with batteries.

The scope of supply includes a frame in Q-Design QRR, an attachment frame and a battery mounting plate. For mounting in frame with 55- or 63- neckline (without batteries!) also an intermediate frame ZR in the same color and a mounting plate.

In the as-delivered condition, the energy storage is empty and needs to be charged before use. Either via the red/black 12 V DC power cable for about 10 minutes or via the solar cell in broad daylight for about 5 hours or from 48/2012 by inserting two pieces AAA batteries (not included in delivery) for about 1 minute.

In normal operation, the power supply is either through the cable with a 12 V DC power supply unit FSNT61-12 V/6 W in a flush-mounted box under the sensor or from 48/2012 with AAA batteries, supported by the solar cell, or only with the solar cell under normal ambient light, in a daily average of at least 200 lux. If only the solar cell is available, the energy storage must first be charged for several days with daylight.

If the connecting cable is not needed, it can be cut off. This means the sensor requires no installation depth behind the mounting plate. It can be screwed to any flat surface.

We recommend stainless-steel countersunk 2.9x25 mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25 mm and with 55 mm switch boxes. Set of 2 stainless-steel countersunk screws 2,9x25 mm and plugs 5x25 mm are enclosed.

To teach-in in an actuator in teach-in mode, hold the supplied blue magnet or any other magnet at hand below the point on the side panel of the sensor marked by ■. This sends a teach-in telegram. The slide switch should be on normal mode then.

The temperature controller sends a message into the Eltako wireless network within 100 seconds when there is a change in the actual or reference temperature of min 0.3°C. If there is no change, a status report is sent every 20 minutes.

Measurement accuracy is approx. 1°C.

The **day reference temperature** that ranges from +12°C to +28°C is changed using the hand wheel.

A **night reduction** can be activated by the slide switch. This makes the night reference temperature 4°C lower than the day reference temperature.

The **slide switch** is for function selection.

☀ = normal mode (day).

0 = temperature control off; the actual temperature continues to be sent, however.

☾ = night reduction active.

Must be kept for later use!

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