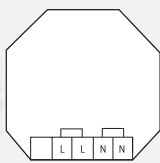




Wireless repeater FRP61-230V	Z-0
Wireless repeater FRP61/8-24V UC	Z-0
Wireless repeater FRP70-230V	Z-1
Outdoor wireless repeater FARP60-230V	Z-1
Switching power supply units SNT12 and SNT61	Z-2
Wireless antennas FA250 , FA200 , HF ground FHM175 and extension cables FAV5 and FAV10	Z-3
NEW Level meter EPM300	Z-4
NEW Screws and rawl plugs S+D 25	Z-4
Housing for operating instructions GBA12	Z-4
Short-stroke pushbuttons KT	Z-5

Accessories Wireless Repeater

FRP61-230V



1 and 2 level wireless repeater. Only 0.8 watt standby loss.

For installation. 45 mm long, 55 mm wide, 33 mm deep.

Supply voltage 230V.

This repeater is only needed if the building conditions do not allow undisturbed reception or the distance between the wireless pushbutton and receiver is too great.

The 1-level mode is activated ex works. Only the signals are received, tested and retransmitted at full transmit power. Wireless signals from other repeaters are ignored to reduce the data volume.

Switchover to 2-level mode is carried out by removing the cover (lightly press the latching clips) and repositioning the jumper flush right. In this setting, wireless signals from other 1-level repeaters are also processed. A signal may therefore be received and amplified twice.

Wireless repeaters need not be taught-in. They receive and amplify signals from all wireless sensors within their reception area.

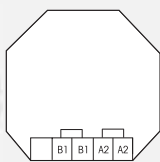
FRP61-230V

Wireless repeater

EAN 4010312300251

46,10 €/pc.

FRP61/8-24V UC



1 and 2 level wireless repeater. Standby loss only 0.3 watt (at 8 V UC), 0.5 watt (at 12V UC) and 1 watt (at 24 V UC).

For installation. 45 mm long, 55 mm wide, 18 mm deep.

Supply voltage 8 to 24V UC.

This repeater is only needed if the building conditions do not allow undisturbed reception or the distance between the wireless pushbutton and receiver is too great.

The 1-level mode is activated ex works. Only the signals are received, tested and retransmitted at full transmit power. Wireless signals from other repeaters are ignored to reduce the data volume.

Switchover to 2-level mode is carried out by removing the cover (lightly press the latching clips) and repositioning the jumper flush right. In this setting, wireless signals from other 1-level repeaters are also processed. A signal may therefore be received and amplified twice.

Wireless repeaters need not be taught-in. They receive and amplify signals from all wireless sensors within their reception area.

FRP61/8-24V UC

Wireless repeater

EAN 4010312302330

46,10 €/pc.

Recommended retail prices excluding VAT.

FRP70-230V



FA250

1 and 2 level wireless repeater with small antenna and with antenna FA250. Only 0.6 watt standby loss. A wireless antenna FA250 is connectable as required.

Mounting in the 230V power supply cord, e.g. in false ceilings. 100mm long, 50mm wide and 25 mm deep.

This repeater is only needed if the building conditions prevent undisturbed reception or the distance between the wireless pushbutton and receiver is too great.

Antenna FA250 with 250cm cable is connectable instead of the enclosed antenna.

The range can be extended considerably by placing it in the optimum position.

The 1-level mode is activated ex works. Only the signals from sensors and actuators are received, tested and retransmitted at full transmit power. Wireless signals from other repeaters are ignored to reduce the data volume.

The rotary switch on the side is for changing over to 2-level mode. In this setting, wireless signals from other 1-level repeaters are also processed. A signal may therefore be received and amplified twice.

Wireless repeaters need not be taught-in. They receive and amplify signals from all wireless sensors within their reception area.

The LED under the rotary switch blinks briefly to indicate all the wireless signals detected.

FRP70-230V

Wireless repeater

EAN 4010312306482

80,80 €/pc.

FARP60-230V



Outside wireless repeater 1 and 2 levels, 60x46 mm, 30 mm deep. Only 0.7 watt standby loss.

Supply voltage 230V.

This repeater is only needed if the building conditions prevent undisturbed reception or the distance between the wireless pushbutton and receiver is too great.

The 1-level mode is activated ex works. Only the signals from sensors and actuators are received, tested and retransmitted at full transmit power. Wireless signals from other repeaters are ignored to reduce the data volume.

Switchover to 2-level mode is carried out by removing the cover (loosen two screws on the front panel) and repositioning the jumper flush right. In this setting, wireless signals from other 1-level repeaters are also processed. A signal may therefore be received and amplified twice.

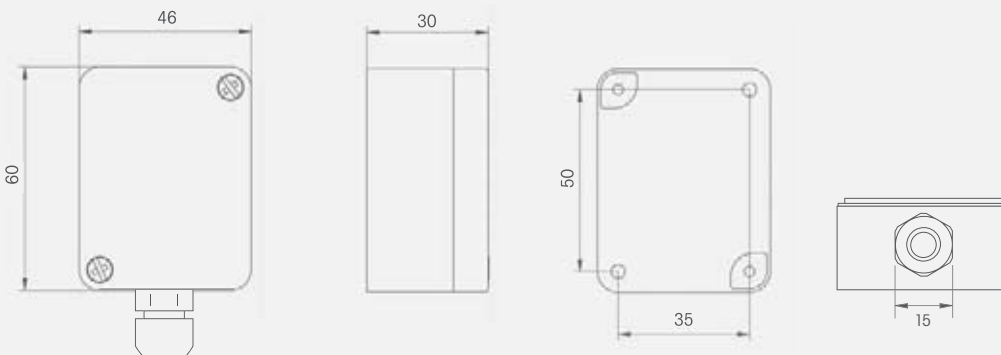
A red LED blinks briefly to indicate all the wireless signals detected.

Wireless repeaters need not be taught-in. They receive and amplify signals from all wireless sensors within their reception area.

On the underside there is an M12 screw for a waterproof mains connection.

The protection class is IP54, the allowable ambient temperature is -20°C to +55°C.

For screw mounting.



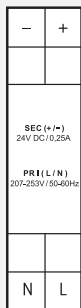
FARP60-230V

Outdoor wireless repeater

EAN 4010312310137

65,70 €/pc.

SNT12-230V/12V DC-0,5A



Rated capacity 6W. Standby loss 0.1 watt only.

Modular device for DIN 60715 TH35 rail mounting. 1 module = 18mm wide, 58mm deep.

Even at full load a ventilation clearance is not necessary.

Input voltage 230V (-20% up to +10%). Efficiency 81%.

Stabilised output voltage $\pm 1\%$, low residual ripple.

Short-circuit proof.

Overload protection and over-temperature switch-off by means of swichting off with automatic switching-on after fault clearance (autorecovery function).

SNT12-230V/12V DC-0,5A

EAN 4010312301210

42,40 €/pc.

SNT12-230V/12V DC-1A



Rated capacity 12W. Standby loss 0.2 watt only.

Modular device for DIN 60715 TH35 rail mounting. 1 module = 18mm wide, 58mm deep.

At a load of more than 50% of the rated capacity and always if there are adjacent switching power supply units from 12W rated capacity and if there are dimmers a ventilation clearance of 1/2 module must be maintained with the spacers DS12 on both sides.

Input voltage 230V (-20% up to +10%). Efficiency 83%.

Stabilised output voltage $\pm 1\%$, low residual ripple.

Short-circuit proof.

Overload protection and over-temperature switch-off by means of swichting off with automatic switching-on after fault clearance (autorecovery function).

SNT12-230V/12V DC-1A

EAN 4010312301111

44,10 €/pc.

SNT12-230V/12V DC-2A



Rated capacity 24W. Standby loss 0.2 watt only.

Modular device for DIN 60715 TH35 rail mounting. 2 modules = 36mm wide, 58mm deep.

At a load of more than 50% of the rated capacity and always if there are adjacent switching power supply units from 12W rated capacity and if there are dimmers a ventilation clearance of 1/2 module must be maintained with the spacers DS12 on both sides.

Input voltage 230V (-20% up to +10%). Efficiency 83%.

Stabilised output voltage $\pm 1\%$, low residual ripple.

Short-circuit proof.

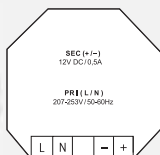
Overload protection and over-temperature switch-off by means of swichting off with automatic switching-on after fault clearance (autorecovery function).

SNT12-230V/12V DC-2A

EAN 4010312301135

54,60 €/pc.

SNT61-230V/12V DC-0,5A



Rated capacity 6W. Standby loss 0.1 watt only.

For installation. 45mm long, 55mm wide, 33mm deep.

Input voltage 230V (-20% up to +10%). Efficiency 81%.

Stabilised output voltage $\pm 1\%$, low residual ripple. Short-circuit proof.

Overload protection and over-temperature switch-off by means of swichting off with automatic switching-on after fault clearance (autorecovery function).

SNT61-230V/12V DC-0,5A

EAN 4010312301319

39,40 €/pc.

FA250, FHM175 and FA200



Wireless antenna FA250 with magnetic base and 250 cm cable

The small enclosed wireless antenna of the wireless antenna modules and several wireless transmitter modules are replaceable by this larger antenna to receive and transmit wireless signals to or from metal control cabinets.

It is mounted on the magnetic base externally and the 250cm cable is routed inside the cabinet. The best performance is achieved by attaching the magnetic foot on a metal surface.

The transmit and receive ranges are almost spherical around this antenna.

Antenna height, only 9.6cm. With SMA screw terminal.

Extension by 5 metres using wireless antenna extension FAV5 or by 10 metres using FAV10.



HF ground FHM175 for the HF wireless antenna FA250, aluminium disc anodized, 4 mm thick, 175 mm diameter.

This HF ground optimizes the receiver and transmitter performance of the HF antenna FA250 since the diameter has twice the length of the antenna plus its bar diameter.

A deepened steel disc with the diameter of the magnetic antenna coil is pressed into the center. Thereby the FA250 can easily be centered.

The aluminium disc is formed with a hole and a slot to be fixed to the wall.



High-performance receive antenna FA200 with magnetic base and 200 cm cable

This antenna has a radial gain of up to 7dBi and therefore has a much greater range than wireless antenna FA250. As a trade-off the receive power along the antenna axis is considerably lower. This must be taken into consideration when positioning the antenna. **It may only be used as a receive antenna.**

Antenna height 45 cm. With SMA screw terminal.

Extension by 5 metres using wireless antenna extension FAV5 or by 10 metres using FAV10.

FA250	Wireless antenna with 250 cm cable	EAN 4010312300244	19,90 €/pc.
FHM175	HF ground for FA250	EAN 4010312313121	34,00 €/pc.
FA200	High-performance receive antenna with 200 cm cable	EAN 4010312303306	64,70 €/pc.
FAV5	Wireless antenna extension 5m	EAN 4010312302897	23,90 €/pc.
FAV10	Wireless antenna extension 10m	EAN 4010312302903	26,80 €/pc.

Recommended retail prices excluding VAT.

Accessories – Level Meter EPM300, Screws and Rawl Plugs and Housing for Operating Instructions

NEW


EPM300



EnOcean level meter to assist in installation of wireless sensors and wireless actuators

For range analysis and for evaluation of the signal quality of wireless sensors respectively for detecting of interferences.

2 AA/LR06 batteries are additionally necessary.

Switch on and off with the  button and press for 2 seconds.

The desired operating condition is selected with the MODE button.

Hold Short indicates the signal strength of an EnOcean wireless telegram for 1 second.

Hold Long indicates the signal strength of an EnOcean wireless telegram for 60 seconds.

Repeater repeats an EnOcean wireless telegram.

Radio Link Test transmits an individual EnOcean wireless telegram every 2 seconds whose quality at the receiving station can be measured with a second EPM300.

WEEE-Reg.-Nr. DE 30298319

EPM300

Level meter

EAN 4010312313039

99,20 €/pc.

NEW

S+D 25



25 pcs screws and rawl plugs to fit the mounting plate for wireless pushbuttons. Screws also for fitting on UP boxes.

Contents: 25 pcs countersink sheet metal screws with cross head 2.9x25 mm DIN 7982 C, stainless steel A2 and 25 pcs Fischer rawl plugs with lip SX5, 25 mm long.

The screw head fits exactly (in height and diameter) between the mounting plate of the wireless pushbutton and the Eltako frame.

Moreover, the screws are also suitable for fixing devices on UP switch boxes in the screw sleeves there.

S+D 25

25 screws and rawl plugs 25 mm

EAN 4010312906231

4,10 €/pc.

Gehäuse für Bedienungsanleitungen GBA12



Modular device for DIN-EN 60715 TH35 rail mounting.

1 module = 18 mm wide, 55 mm deep.

Housing without front panel to insert operating instructions.

GBA12

housing for operating instructions

EAN 4010312901779

1,50 €/pc.

Recommended retail prices excluding VAT.

KT4F



Flat short-stroke pushbutton 4 NO contacts 8 A/250 V AC, contact gap 0.5 mm, 80x80 mm external dimensions, internal frame dimensions 63x63 mm, 15 mm high.

The scope of supply comprises the frame R1F, a flat rocker WF, a flat double rocker DWF (all same colour), an attachment frame BRF, the mounting base HP and the pushbutton module.

Fitted using a 55 mm switch box.

We recommend sheet metal countersink screws 2.9x25 mm, DIN 7982 C, for screw connections. See Accessories on page Z-4.

The unprinted double rocker is snapped onto the pushbutton module at the factory. If the double rocker is replaced by the large unprinted rocker, remove the rocker halves by pulling off to the front. Do not bend towards the middle. Then snap the large rocker so that the markings 0 and I on the back line up with the same markings on the pushbutton module.

The Eltako frame can be replaced on installation at any time by a design frame with internal dimensions 63x63 mm from other manufacturers.

KT4F-ws	flat short-stroke pushbutton white	EAN 4010312303108	25,10 €/pc.
KT4F-rw	flat short-stroke pushbutton pure white	EAN 4010312303122	25,10 €/pc.
KT4F-sz	flat short-stroke pushbutton black	EAN 4010312303146	25,10 €/pc.
KT4F-an	flat short-stroke pushbutton anthracite	EAN 4010312303177	25,10 €/pc.
KT4F-wg	flat short-stroke pushbutton pure white glossy	EAN 4010312303153	25,10 €/pc.
KT4F-cg	flat short-stroke pushbutton creme white glossy	EAN 4010312311509	25,10 €/pc.
KT4F-si	flat short-stroke pushbutton silvergray glossy	EAN 4010312303351	25,10 €/pc.
KT4F-al	flat short-stroke pushbutton coated/aluminium paint	EAN 4010312311516	32,30 €/pc.
KT4F-sg	flat short-stroke pushbutton black glossy	EAN 4010312311523	32,30 €/pc.

Currently supplied colours of the short-stroke pushbuttons KT4F and their order abbreviations:



Short-stroke Pushbuttons KT55

KT55



Short-stroke pushbutton 4 NO contacts 8 A/250 V AC, contact gap 0.5 mm, 80x80 mm external dimensions, internal frame dimensions 55x55 mm, 15 mm high.

The scope of supply comprises the frame R, one large rocker W55, one double rocker DW55 (all same colour), the mounting base HP and the pushbutton module.

Fitted using a 55 mm switch box.

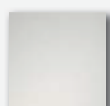
We recommend sheet metal countersink screws 2.9x25 mm, DIN 7982 C, for screw connections. See Accessories on page Z-4.

The unprinted double rocker is snapped onto the pushbutton module at the factory. If the double rocker is replaced by the large unprinted rocker, remove the rocker halves by pulling off to the front. Do not bend towards the middle. Then snap the large rocker so that the markings 0 and I on the back line up with the same markings on the pushbutton module.

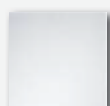
The Eltako frame can be replaced on installation at any time by a design frame with internal dimensions 55x55 mm from other manufacturers.

KT55-ws	short-stroke pushbutton 55x55 mm, white	EAN 4010312311554	25,10 €/pc.
KT55-rw	short-stroke pushbutton 55x55 mm, pure white	EAN 4010312311592	25,10 €/pc.
KT55-sz	short-stroke pushbutton 55x55 mm, black	EAN 4010312311578	25,10 €/pc.
KT55-an	short-stroke pushbutton 55x55 mm, anthracite	EAN 4010312311585	25,10 €/pc.
KT55-wg	short-stroke pushbutton 55x55 mm, pure white glossy	EAN 4010312311608	25,10 €/pc.
KT55-cg	short-stroke pushbutton 55x55 mm, creme white glossy	EAN 4010312311561	25,10 €/pc.
KT55-si	short-stroke pushbutton 55x55 mm, silvergrey glossy	EAN 4010312311615	25,10 €/pc.
KT55-al	short-stroke pushbutton 55x55 mm, coated/aluminium paint	EAN 4010312311530	32,30 €/pc.
KT55-sg	short-stroke pushbutton 55x55 mm, black glossy	EAN 4010312311547	32,30 €/pc.

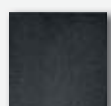
Currently supplied colours of the short-stroke pushbuttons KT55 and their order abbreviations:



ws



rw



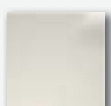
sz



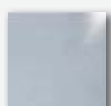
an



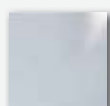
wg



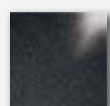
cg



si



al



sg

Recommended retail prices excluding VAT.

KT4



Short-stroke pushbutton 4 NO contacts 8 A/250 V AC, contact gap 0.5 mm, 80x80 mm external dimensions, internal frame dimensions 55x55 mm, 15 mm high.

The scope of supply comprises the frame R, one large rocker W, one double rocker DW, one intermediate frame ZR (all same colour), the mounting base HP and the pushbutton module.

Fitted using a 55 mm switch box.

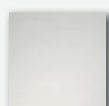
We recommend sheet metal countersink screws 2.9x25 mm, DIN 7982 C, for screw connections. See Accessories on page Z-4.

The unprinted double rocker is snapped onto the pushbutton module at the factory. If the double rocker is replaced by the large unprinted rocker, remove the rocker halves by pulling off to the front. Do not bend towards the middle. Then snap the large rocker so that the markings 0 and I on the back line up with the same markings on the pushbutton module.

The Eltako frame can be replaced on installation at any time by a design frame with internal dimensions 55x55 mm from other manufacturers.

KT4-ws	short-stroke pushbutton white	EAN 4010312302910	25,10 €/pc.
KT4-rw	short-stroke pushbutton pure white	EAN 4010312303047	25,10 €/pc.
KT4-sz	short-stroke pushbutton black	EAN 4010312303061	25,10 €/pc.
KT4-an	short-stroke pushbutton anthracite	EAN 4010312303092	25,10 €/pc.
KT4-wg	short-stroke pushbutton pure white glossy	EAN 4010312303078	25,10 €/pc.
KT4-cg	short-stroke pushbutton creme white glossy	EAN 4010312311479	25,10 €/pc.
KT4-si	short-stroke pushbutton silvergrey glossy	EAN 4010312303501	25,10 €/pc.
KT4-al	short-stroke pushbutton coated/aluminium paint	EAN 4010312311486	32,30 €/pc.
KT4-sg	short-stroke pushbutton black glossy	EAN 4010312311493	32,30 €/pc.

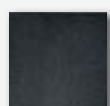
Currently supplied colours of the short-stroke pushbuttons KT4 and their order abbreviations:



ws



rw



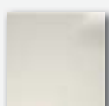
sz



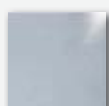
an



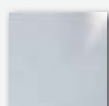
wg



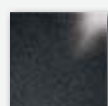
cg



si



al



sg