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Wireless 4-way colour pushbuttons display F4CT55E/UC

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%.

Wireless 4-way colour pushbuttons+RGBW display for single mounting 80x80x14 mm or mounting into the E-Design55 switching system. Installation depth 33 mm. With double rocker. Supply voltage 12-230 V UC. Standby loss only 0.2-0.4 watt. Smart Home sensor.

The F4CT with double rocker (= 4 pushbuttons) sends 4 evaluable pushbutton telegrams. These telegrams can be taught-in in actuators as universal pushbutton (UT) or direction pushbutton (RT). When actuator confirmation telegrams are activated, they can be taught-in in the F4CT as feedback and visually signalled by the display segments.

Teach in confirmation telegrams of the switched actuator:

1. Press top right and bottom left pushbuttons together for 5 seconds. All segments light up purple.
2. Within 10 seconds, briefly press the pushbutton taught-in in the actuator 3 times for UT or 4 times for RT. The associated display segments light up blue and the F4CT is ready to for teach-in.
3. Then switch the actuator on/off with the related pushbutton 3 times. This teaches in the actuator feedback and all display segments are off.

Cancel teach-in process: Briefly press bottom right and bottom left pushbuttons together.

In the as-delivered state, the colours of the display segments are green = *ON* and red = *OFF*.

Change the colour of the display elements:

1. Press bottom right and top left pushbuttons together for 5 seconds. All segments light up purple. Within 10 seconds, carry out the next step.
- 2a. If all the display segments should have the same colour, briefly press the top left pushbutton. Then select the *ON* colour by pressing the right-hand rocker. Save by pressing the top left pushbutton. Then select the *OFF* colour by pressing the right-hand rocker. Save by pressing the top left pushbutton. Flashing white = no colour.
- 2b. If all the display segments should have different colours, briefly press the bottom left pushbutton. Then select the *ON* colour for each display segment by pressing the right-hand rocker. Save by pressing the bottom left pushbutton. Then select the *OFF* colour by pressing the right-hand rocker. Save by pressing the bottom left pushbutton. Flashing white = no colour.

A light sensor controls the brightness of the display segments for feedbacks depending on the ambient brightness.

Clear memory content completely (restore as-delivered state):

1. Press top right and bottom left pushbuttons together for 5 seconds. All segments light up purple.
2. Within 10 seconds, briefly press one of the pushbuttons 7 times. All display segments flash red.
3. Then briefly press the pushbutton diagonally opposite to the one you just pressed. All IDs and settings are cleared and all display segments are off.

The F4CT can also be taught-in encrypted in all encryptable actuators of the Series 61, 62 and Series 71 as well as the FAM14.

Encryptable actuators bear the pictogram .

Activate encryption (new process) and send:

1. Remove double rocker.
2. Press the top right and bottom right pushbuttons together for 5 seconds. All LEDs light up green for 3 seconds and the 'encryption telegram' is sent.
3. Snap double rockers back on.

Deactivate encryption:

1. Remove double rocker.
2. Press all four pushbuttons together for 5 seconds. All LEDs light up red for 3 seconds.
3. Snap double rockers back on.

Light calls with all display segments:

A total of 8 memory locations are provided.

1. Press top right and bottom left pushbuttons together for 5 seconds. All segments light up purple.
2. Within 10 seconds, briefly press one of the pushbuttons 5 times. All display segments light up blue and the F4CT is ready for teach-in.
3. Then send one pushbutton telegram or one switching teach-in telegram according to EEP A5-38-08. After teach-in, all display segments light up green.
4. Then select the light call colour by pressing the right-hand rocker. Save by pressing the top left pushbutton.
5. Then press the right-hand rocker to select the light call type '*all display segments flash at slow, medium or fast rate or one display segment rotates at slow, medium or fast rate*'. Save by pressing the top left pushbutton. All display segments are off.

The last incoming telegram (pushbutton or 'switching on') is always displayed as the light call. The previous light calls remain active in the background. Acknowledge (end) the displayed light call by pressing a pushbutton on the F4CT or the light call ends automatically after 60 minutes. A 'switching off telegram' acknowledges (ends) all incoming light calls. After switching on the power supply or activating the teach-in mode, the F4CT sends an MSC telegram. This MSC telegram is used to teach in the F4CT into the GFVS. The GFVS can activate the display segments of the F4CT with a particular colour by sending specific telegrams.

Telegrams according to EEP F6-02-01:

ORG = 0x05

Data_byte3 = push top right = 0x70
push bottom right = 0x50
push top left = 0x30
push bottom left = 0x10
release = 0x00



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Frequency	868.3 MHz
Transmit power	max. 10 mW

Hereby, Eltako GmbH declares that the radio equipment type F4CT55E/UC is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: eltako.com

Must be kept for later use!

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