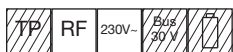


(GB)

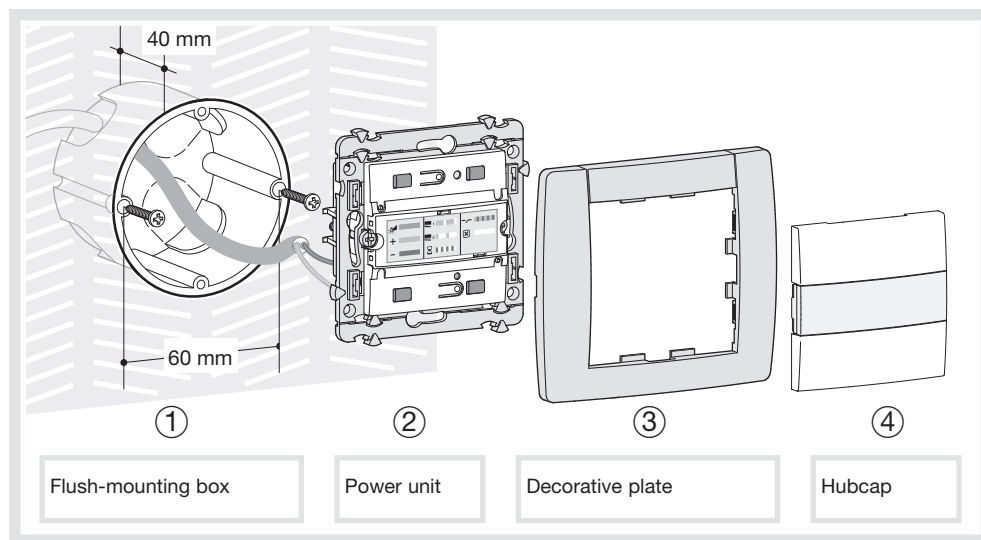
WKT410
KNX Radio I/O 2-wire dimmer
Kallysta

WKT412
KNX radio I/O 2-wire repeat
dimmer Kallysta



WKT410, WKT412

Installation



Technical characteristics

Supply voltage	230V AC +10% -15% 50/60Hz
Operating temperature	0 °C → + 35 °C
Storage temperature	-20 °C → + 60 °C
IK	IK04
Degree of protection	IP20
Transmission frequency	868.3 MHz
Maximum range	30m in a building, 100m in open field
Signal cyclic ratio	1%
Receiver category	2
Standards	EN 60669-2-1 / EN 301489-3 / EN 300220-2 / EN 50491-3 / EN 50428
Dimensions (l x w x h)	75x75x40 mm
Upstream protection	circuit breaker 16A or fuse 10A

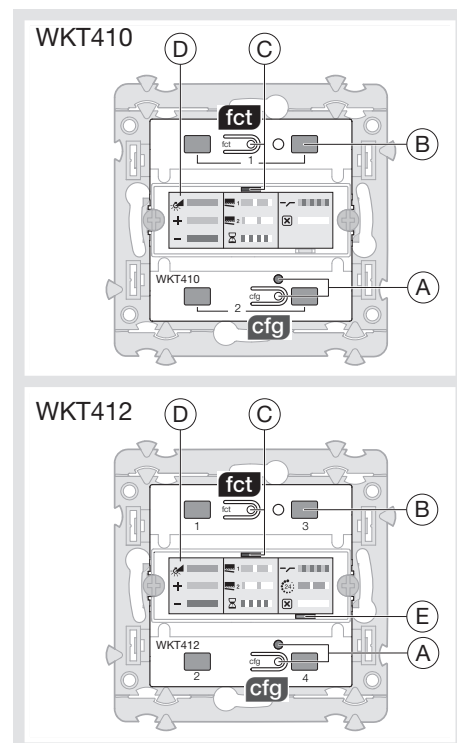
Connection: 1 x 0,75 → 2 x 2,5 mm² 1 x 0,75 → 2 x 2,5 mm²

Load type		WKT410 / WKT412
	Incandescent, halogen 230 V	25 ... 300W
	Halogen VLV (12 or 24V) via ferromagnetic or electronic transformer	25 ... 300VA
	Compensated fluorescent tubes in parallel	
	Fluorescent tubes with electronic ballast	
	Fluocompact	
	LED	

WKT410	WKT412
WKT902x	WKT904x

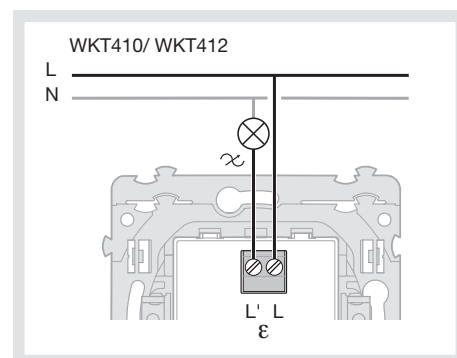
Operate without configuration

Description



- (A) Pushbutton and configuration LED **cfg**
- (B) Pushbuttons 1 and 2 (WKT410), 1to 4 (WKT412)
- (C) Pushbutton and feature LED **fct**
- (D) Functions label
- (E) memo LED (WKT412) repeat feature

Connection



Caution:

- This device must be installed only by a qualified electrician according to the installation standards in force in the country.
- Installing this module outside of a building is prohibited.

Présentation du produit

Switches WKT41x are transmitters/receivers to be installed in place of existing switches. They can be controlled remotely via radio transmitters (radio push-button kallysta, remote controls) and are part of System tebis. As transmitters, they can control a secondary lighting circuit or scenes. They are used with WKT902x hubcaps and associated with decorative plates kallysta.

Factory set-up**WKT410**

Push-buttons 1 and 2 (B) are factory set to "remote control switch" and "dim up/down" features.

WKT412

The dimmer device is equipped with 4 buttons:

- Buttons 1 and 2 are used to store the dimming levels.
A short stroke of button 1 (or 2) calls the stored level. The default level is 100% (100 % for push-button 1 and 0% for push-button 2). To store a level, just dim the light using button 3, then press button 1 or 2 for an extended time (>5sec) to record this setting.
- Button 3 allows to turn on/off and dim the light.
A short stroke turns the light on/off, while an extend pressure dim the light.
- Button 4 is used to enable the repeat feature.

Configuration (button)

After first power-on, wait for 15 sec before starting configuration.

These transmitters/receivers can be configured in 3 different ways:

- **quicklink**  : configuration without tool, see User's Instructions 6T7952 supplied with the radio transmitters.
- E-mode TX100/B V2.6.0 or above: description of product features is available from the Manufacturer.
- S-mode ETS3 or above via TR131: database and description of software application available from the Manufacturer.

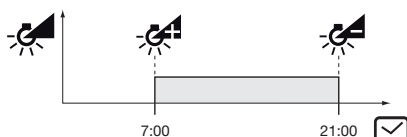
! In order to change the configuration mode, a product "Factory Reset" is required.

Repeat feature (WKT412)**A. Description**

The repeat feature  allows saving commands over a 24hr period. Once the command is taught, the user can repeat the sequence automatically over 24hr periods.

Example: raising/lowering the shutters at a fixed time (e.g. raising at 7:00, lowering at 21:00), automatic light turn-off ...

The feature is enabled by a dedicated key allowing to start/stop recording the commands or enable/disable the repeat feature. An orange indicator (E) signals the operating mode.

**B. Recording a sequence**

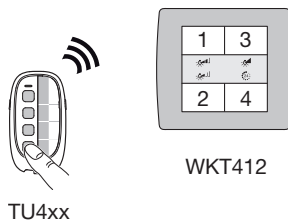
A long pressure (>10sec) of the key  allows to start recording a sequence. The device saves the commands received over a 24hr period. A short stroke stops the teaching process. It is possible to start/stop teaching and save only some desired commands.

C. Enabling/disabling device repeat feature

Pressing >5sec enables the repeat feature. Activation allows replaying the commands saved automatically at the same time of the day they were saved previously. A short stroke disables the repeat feature and turns repeat LED off.

D. Enabling/disabling repeat feature by remote pushbutton

For enabling the repeat feature via a distant button or a remote control key, just create a link () between the transmitter and device kallysta radio WKT412.



The memo feature is visible only on the output product (WKT412).

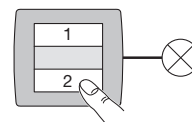
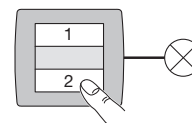
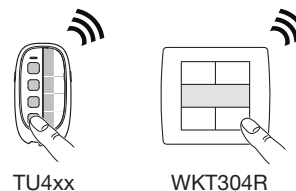
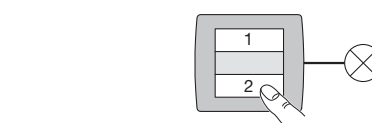
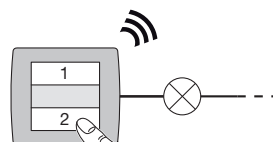
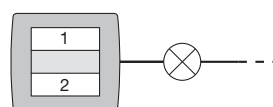
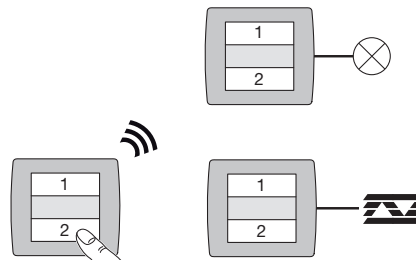
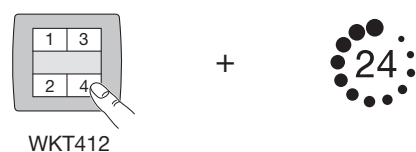
Mode	Repeat feature	memo LED WKT412
Teaching a sequence	Long pressure (10sec) of WKT412 button 	1 orange flashing every 2sec
Repeating a sequence	Press local or distant button  (5sec)	Fixed orange light
No saved sequence	Press local or distant button  (5sec)	Quick orange flashing for 3sec
Stopping the current sequence	Press local or distant button  (5sec)	Flashing stops
Table of full sequences	Record 11th action (a max. of 10 actions is allowed)	Quick orange flashing for 3sec
Deleting the Table of sequences	Long pressure (>15sec) .)	Quick orange flashing 3 times

Factory Reset

Maintain  pushbutton down until LED  flickers (>10s), then release.  LED turns OFF to signal Factory Reset end.

This operation removes the entire product configuration in any configuration mode.de configuration.

After power switch-On or Factory Reset, wait for 15s before to do a new configuration.

Applications**Local control****Push-pull switch****WKT304R****Remote control****Control of additional circuit: dual switching****Control of scenarios****Repeat feature (WKT412 only)**

Usable in all Europe  and in Switzerland

Hereby, hager Controls, declares that this KNX radio switch is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The CE declaration can be consulted on the site : www.hagergroup.net

