



TRE400



IP55



Module 1 input + 1 output, 10A, IP55, KNX radio

Technical characteristics

Architecture

Bus system	KNX
Number of blinds/shutters outputs	0

Functions

ETS additional functions	ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
Function	easy additional functions: +6 scenes ; Repeat function can be activated to increase the radio range ; reset function (to factory setting)
Light scenes	scene opening via KNX radio appliances ; scene saving lockable
Quicklink functions	quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, forced control, forced control, up/down push-button

Configuration

Pre-assembled	confectioned, with 2-core cable
Number of modules	0

Controls and indicators

Indicator lamp	yes
Operation	with manual operation on/off
Control	Activation, for example through switch, push-buttons, timer
Button / push-button	with configuration and function button

Connectivity

Radio protocol	KNX Radio
Receiver category	2
Inputs	with independent, mains supplied, binary input for potential-free contact

Main electrical features

Type of supply voltage	AC
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Voltage

Input voltage	5 V
Operating voltage	230 V AC

Electric current

Number of entry circuits	1
Input signal current	33 µA

Switching current max. 10 A

Dimensions

Length	150 mm
Diameter	53 mm
Height	35 mm
Width	85 mm

Frequency

Radio reception frequency	868.3 MHz
Radio transmission/reception frequency	863.3 MHz

Power

Output power	2300 W
Maximum power per output for incandescent bulbs	1500 VA
Conventional transformers	600 VA
Electronic transformers	600 W
Radio transmission power	< 10 mW

Measurement

Input scanning voltage	5 V
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Reach distance

Max. transmission range	30m in house / 100m free field
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Materials

Colour independent of design lines	light grey
Surface appearance	matt

Lighting control

Fluorescent lamps with electronical ballast (EB)	6 x 58 W
- uncompensated	600 VA

Fluorescent bulbs control

Energy-saving lamps	100 W
Compact fluorescent lamps	6 x 18 W
Fluorescent lamps parallel compensated	36 W

LED control

230V LED lamps	100 W
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LED with configuration and function LEDs ; with transmission status and control LED for On/Off

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	1500 W
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Installation, mounting

Installation mode	for installation behind flush-mounted inserts
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Connection

Type of connection	with screw-in lift terminals
Bus connection	integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
Cable	
Binary cable length, extendable to	max. 5 m
Binary cable length	max. 5 m
Cable clamp	with mounting plates and strain reliefs
Settings	
Supported configuration modes	system, easy, PB
Programming	toolless quicklink configuration using buttons and LED display
Scope of delivery	
Bus connection included	Yes
Equipment	
Number of outputs	1
Number of radio channels	1
Number of channels	1
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %
Use	
Pulse time	min. 50 ms
Safety	
REACH conform	No
RoHS conform	Yes
Halogen free	No
Use conditions	
Operating temperature	-10...55 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 % (without condensation)
Identification	
Application, usage	KNX radio - actuators
Product family	product family: output
Main design line	Electronics platform