LETOUR
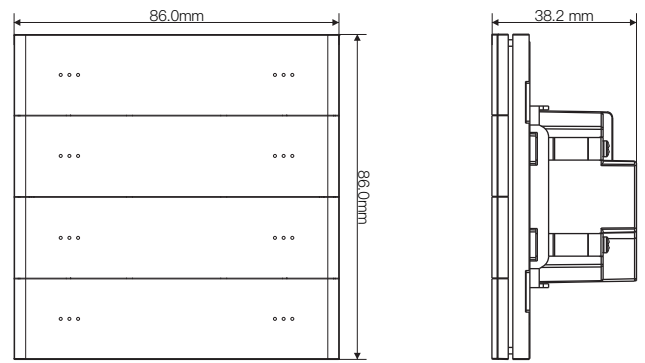
T10 Push Button Datasheet

Applicable model:

Push button 1-gang, built-in relay（LY/KK011OT1OST EN）
Push button 2-gang, built-in relay（LY/KK021OT1OST EN）
Push button 3-gang, built-in relay（LY/KK031OT1OST EN）
Push button 4-gang, built-in relay（LY/KK041OT1OST EN）

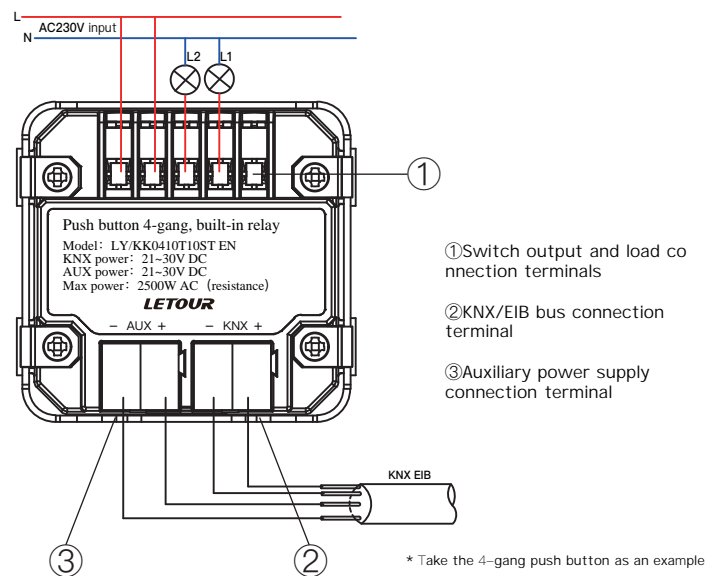## KNX/EIB Home and Building Intelligent Control System

Dimension

* Take the 4-gang push button as an example

Model	Dimension	Weight
LY/KK041OT1OST EN	86×86×38.2mm	0.15kg

Product Features

●1–way/2–way/3–way/4–way imported 16A
magnetic latching relay, super resistant to surge
current
●Switching and dimming functions;
●Shutter function;
●Send value function;
●Call and memory scene function;
●Shift register function;
●Delay sending value (such as switch value, relative dimming
value, byte sendingvalue);
●LED indication function (orange, white status indication);
●8–channel logic functions (AND operation, OR operation,
NAND operation, NOR operation, XOR operation,
threshold comparator, data typeconversion);
●8 groups of event functions (each group has 8
configurable outputs);
●Relay output (scene function, delay control function,
stair light function);
●Easy installation, 60–type traditional electrician's bottom
box installation.

Wiring diagram

①Switch output and load co
nnection terminals

②KNX/EIB bus connection
terminal

③Auxiliary power supply
connection terminal

* Take the 4–gang push button as an example

Technical Parameter

Power	Bus voltage, EIB	21~30V DC，Obtained via EIB bus
	Quiescent Current,EIB	<12mA
	Static power consumption, EIB	<360mW
Auxiliary power	Auxiliary power supply	21~30V DC
	Current consumed through auxiliary power supply	<20mA（30V DC）
	Auxiliary power consumption	<0.6W
Connection	EIB/KNX	Bus connection terminal (red/black)
Operation and instructions	Programming buttons	Used for device programming physical address and diagnostic purposes
	Red indicator light	Instructs the device to enter programming mode
Protection class	Protection class	IP 20
Temperature setting range	Temperature range	16℃-30℃
Temperature display accuracy	Temperature display accuracy	±0.1℃
Humidity display range	Humidity display range	0-100%
Temperature range	Operation	-5℃…+45℃
	Storage	-25℃…+55℃
	Transporation	-25℃…+70℃
Environmental conditions	Maximum air humidity	<93%，no condensation
Design	Design	Flush mounted equipment
Installation	Installation	Standard 60mm mounting box

Installation Notes

This device is suitable for installation in a conventional 60 square
box. The depth of the junction box is at least 50mm. Where panels
are available , 70mm is recommended, depending on the actual
wiring connections. The installation must be carried out in such a
way that the equipment is operated, tested, inspected, maintained
and repaired correctly.

Main tips

Installation and commissioning of the equipment may only be
performed by qualified and skilled electricians. Relevant standards,
directives, rules andinstructions must be strictly followde during
the planning and implementation of electricalin stallations.
● Devices need to be protected from moisture, dirt, and damage
during transportation, storage, anduse.
● Do not operate the device outside specified specifications (eg
temperature range).
● The device can only be operated in a closed environment (eg
junction box).

When the device is dirty, only use a dry cloth to clean it. If this is
not enough to clean it, use a damp cloth with a little soapy
solution and wipe it gently. Never use alkalis or corrosive solvents.