

LETOUR

Embedded 2-way 0-10V Dimming Actuator Datasheet

Applicable model :

Embedded 2-way 0-10V dimming actuator (LY/TM020A111F)

International standard home and building control system

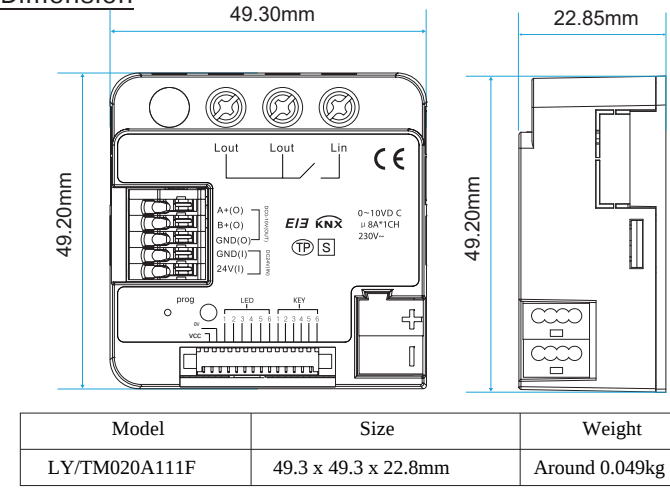
Product Features

- 2-way imported 16A magnetic latching relay, strong anti-surge current
- 6-way dry contact input. Switch and dimming functions, shutter functions, recall and store scene functions, fixed value sending, etc.
- 6-way LED indication, any switch such aselectronic switch, dry contactcan be connected; 0-10V dimming output control (the device has up to 2 0-10V co ntrol outputs)

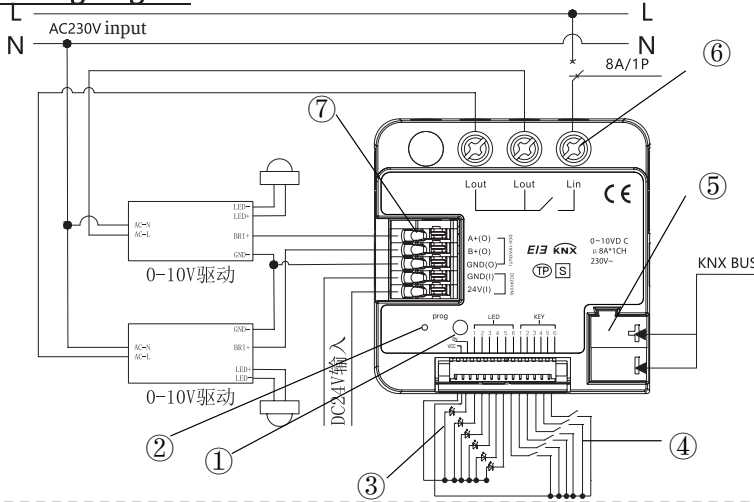
Technical parameter

Power supply	Operating voltage	21~30V DC
	Auxiliary voltage	24V DC
	Maximum current	KNX power:<12mA(30V DC) Auxiliary power:<30mA(24V DC)
	Quiescent current	KNX power: 6mA Auxiliary power supply: 25mA
Output normal value	Number of circuits	2
	Rated voltage	230VAC (50~60Hz)
Output current	8AV230V(Resistive load)	
	150W1230V(Capacitive load)	
	0-10V DC, Each output max.15mA Mechanical life	
Connection	EIB/KNX	Bus connection terminal (diameter 0.8mm)
	Power input terminal	Screw terminals
	Cable cross section	Single core 1-6.0mm ² Multi-core 1-4.0mm ²
	Torque	Max.0.6Nm
Operation and Instructions	Red LED and button	Identifies programming status and assigns physical addresses
	Green LED and button	Indicates that the device application layer is working properly
Temperature range	Operation	-5 °C ...+ 45 °C
	Storage	-25 °C ... + 55°C
	Transportation	—25 °C ... + 70 °C
Environmental conditions	Humidity	< 90%, except condensation
CE standard	EMC:IEC 63044-5-1,EN63044-5-2	
	LVD: IEC 63044-3,IEC60669-2-1	
Installation	Flush mounted	
Certificate	EIB/KNX certificate	

Dimension



Wiring diagram



Instruction

- ① Program button
- ② Program LED
- ③ LED terminal wiring diagram
- ④ Button input wiring diagram
- ⑤ KNX/EIB bus connection terminal
- ⑥ Power input terminal
- ⑦ 0-10V dimming connection terminal

Installation Notes

This device is suitable for installation in a traditional 86-box or 60-square box. The depth of the junction box is at least 50mm, and 70mm is recommended when there is a panel, which is related to the actual wiring connection. Installation must ensure that the equipment is operated, tested, inspected, maintained and repaired correctly.

Main Tips

Installation and commissioning of equipment should only be performed by qualified and skilled electricians. The relevant standards, directives, rules and directives are strictly enforced during the planning and implementation of electrical installations.

- The device needs to be protected from moisture, dirt and damage during transportation, storage and use.
- Do not operate the device outside of specified specifications (eg. temperature range).
- The device may only be operated in a closed environment (eg junction box).

When the equipment is dirty, only use a dry cloth to clean it. If this is not enough to clean, you can use a damp cloth with a little soap solution to gently wipe. Never use alkaline agents or corrosive solvents.