LETOUR

4-fold 300W SCR dimming module specification

Applicable Model:

LY/T0403412T

KNX international standard home and building control system
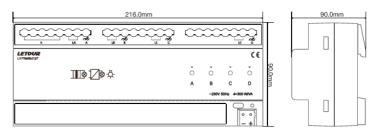
Product Features

- **Switch dimming function**
- **Relative dimming function**
- **Absolute dimming function**
- **Status and bug reports**
- **Scene and preset controls**
- **Stair light function**
- **Bus reset function**
- **Leading edge phase-cut dimming**
- **Manual switch and adjust dimming curve function**
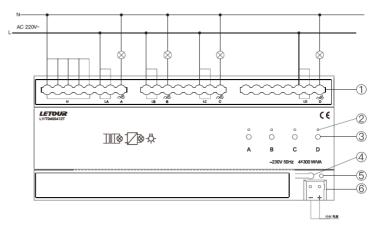- **Output status indication**

Technical parameter

Power supply	KNX bus voltage	**21~30VDC, obtained through EIB bus**
	Current drawn through the bus	**<12mA**
	Power dissipated through the bus	**<360mW**
Input	Input voltage	**230VAC (50/60Hz)**
Output	Number of dimming channels	**4-ch/2-ch/1-ch**
	The output voltage	**230VAC (50/60Hz)**
	Maximum output power per channel	**300W**
	Safeguard	**Over temperature protection and short circuit protection (fuse)**
	Maximum consumption per channel	**5W**
Wiring	EIB/KNX bus	**Terminal connection (red/black)**
	Output terminal	**0.8mmØ, connect with copper posts with screw terminals**
	Use wire diameter	**0.5-4mm2**
	Torque	**0.8Nm**
Operation and Instructions	Program keys	**Used for device programming physical address and diagnostics**
	Red led indicator	**Instructs the device to enter programming mode**
	Green led indicator	**Instructs the device to enter run mode**
Protection class	Protection class	**IP 20, EN 60 529**
Temperature range	Operating temperature	**- 5℃...+45℃**
	Storage temperature	**- 25℃...+55℃**
	Transport temperature	**- 25℃...+70℃**
Environmental conditions	Environment humidity	**Maximum air humidity <93%, except condensation**
Installation	Standard 35mm DIN rail mounting	

Dimension

Model	Size	Weight
LY/T0403412T	**216 × 90 × 64mm**	**About 0.627KG**

Wiring diagram

Instruction

① **220V terminal**

② **Button indicator**

③ **Switch button**

④ **Program button**

⑤ **Programming indicator**

⑥ **KNX/EIB connection terminal**

Main Tips

1. In order to facilitate and quickly install this device into a conventional distribution box, it has been designed as a modular installation device according to the EN60715 standard, which can be installed on a 35mm DIN rail,

2. Installation and commissioning of equipment can only be operated by qualified and skilled electricians. In the process of planning and implementing electrical installations, relevant standards, directives, rules and instructions shall be strictly enforced,

3. It is necessary to avoid the device from being damp, dirty and damaged during transportation, storage and use,

4. Do not make the device run outside the specified technical indicators (such as temperature range),

5. The device can only be run in a closed environment in (e.g., distribution box),

6. When the equipment is dirty, only use a dry cloth for cleaning. If this is not enough to clean, you can use a damp cloth with a little soap solution to gently wipe, do not use alkali or corrosive solvents.