

# LETOUR

## 28 fold 10A Switch module technical specification

Applicable models:  
LY/K2810412J

### KNX/EIB Home and building intelligent control system

#### Function

- Manual control switch
- Time function: Delay on/off time
- Scene, preset control: 8 Bit/ 1 Bit
- Status value query reply
- Threshold function
- Control of electric heating valve driver
- Relay switch position selection after bus voltage is disconnected and restored
- Inverted output
- Stair lighting function with warning and adjustable stair lighting time

No additional power supply voltage is required for the operation of the equipment, directly through EIB/KNX Bus powered.

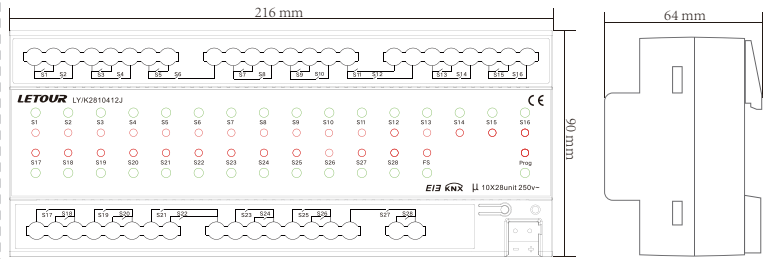
#### Important tips

- 1、 This equipment is convenient for quick installation into the conventional distribution box. Modular installation equipment has been designed according to EN60715, can be installed in 35mm Din rail.
- 2、 The installation and commissioning of equipment shall be operated by qualified and skilled electricians. During the planning and implementation of electrical installations, relevant standards, directives, rules and regulations should be strictly enforced.
- 3、 Avoid moisture, dirt and damage during transportation, storage and use
- 4、 Do not allow the device to operate outside the specified specifications (Such as temperature scope)
- 5、 Devices can only operate in a closed environment
- 6、 If the device is dirty, use a dry cloth to clean it, if this is not enough, use a damp cloth to take a little soapy water and wipe it gently. Do not use alkaline or corrosive solvents.

#### Technical parameter

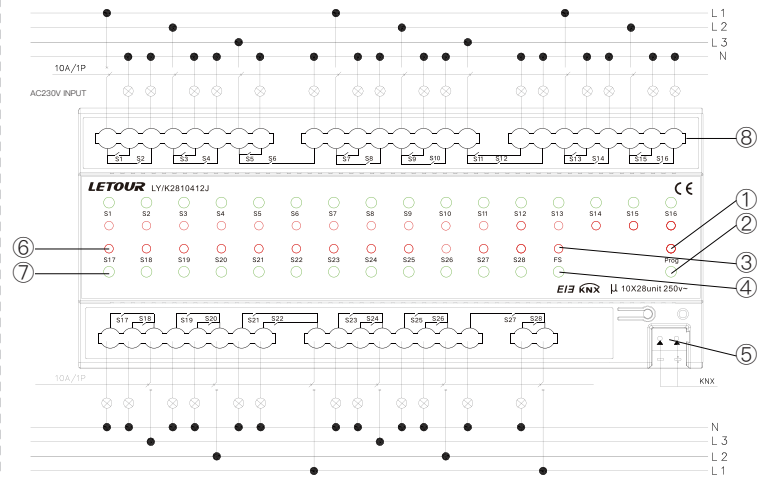
<b>Power</b>	Operating Voltage	21~30V DC, Provided by the bus
<b>Output normal value</b>	type	0416.1
	Output quantity	28
	Un Rated voltage	250V/440V AC (50~60Hz)
<b>Output switch current</b>	meets the AC1(EN60947-4-1)(Resistive load)	10A/230V
	meets the AC3(EN60947-4-1)(Capacitive load)	10A/230V
	meets the EN60669 Fluorescent lamp load	10A/230V
<b>Connection</b>	EIB / KNX	Bus connection terminal (diameter 0.8mm)
	Load output connection terminal	Screw terminal
	Cable cross section	Single core 0.2—6.0mm <sup>2</sup> Multi-core 0.2—4mm <sup>2</sup>
<b>Operation and instructions</b>	Contact position indication	Contact closed—channel open Contact release—channel closed
	Red led And button	Assign physical address
	green led Flashing	Indicates that the device application layer is working properly
<b>Temperature range</b>	Run	-5°C ... +45°C
	Storage	-25°C ... +55°C
	transportation	-25°C ... +70°C
<b>Environmental conditions</b>	Humidity	<93%, Except for condensation
<b>Design</b>	DIN Rail module components	35mm Ding rail, modular installation
<b>CE standard</b>	meets the EMC And low voltage standards, EN50 090-2-2	
<b>Certification</b>	EIB/KNX Certification	

#### Dimensions



Model	Size	Weight
LY/K2810412J	216 × 90 × 64mm	0.74Kg

#### Wiring diagram



#### Instruction

- ① Programming led Indicator light, red led Indicate entering the physical address programming state, green led Flashing fingerIndicates that the device application layer is working properly
- ② Programming button
- ③ Manual mode and automatic mode switching instructions led light
- ④ Manual mode and automatic mode switch button
- ⑤ KNX Terminals
- ⑥ Relay status indicator
- ⑦ Relay control button
- ⑧ Output/load terminal