

Switch module technical specification

Applicable Model:

4-fold switch module (TLIOT-SW4F16A)

KNX/EIB Home and building intelligent control system

Product Features

- Manual control switch
 - Time function: delay on/off time
 - Scene, preset control: 8bit/1bit
 - With "and", "or", "exclusive or", gate function and other logic functions
 - Status value query reply
 - Mandatory operation, safety function
 - Threshold function
 - Control of Electrothermal Valve Driver
 - Relay switch position selection after bus voltage disconnection and recovery
 - Output negated
 - Stair lighting function with early warning and adjustable stair lighting time
- The device does not require additional supply voltage to operate and is powered directly through the EIB/KNX bus.

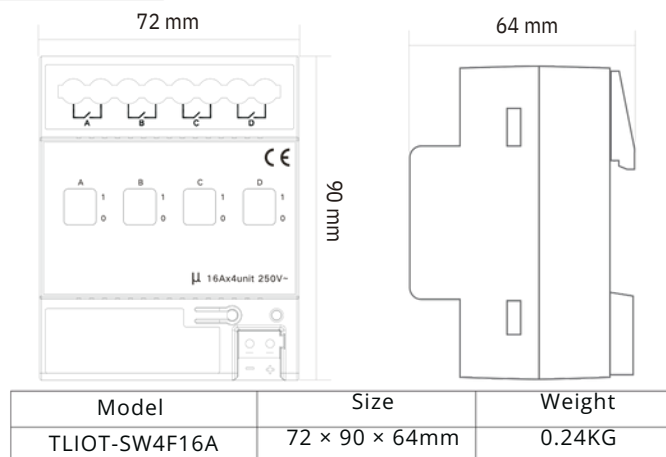
Important tips

- 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.

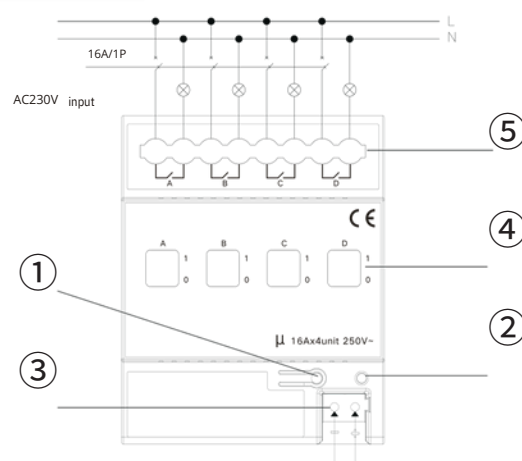
Technical parameter

Power	Operating Voltage	21~30V DC, Provided by the bus
Output normal value	Type	KG
	The number of outputs	4
	Un Rated voltage	250V/440V AC (50~60Hz)
Output switch current	According to AC1 (EN60947-4-1) (resistive load)	20A/230V
	According to AC3 (EN60947-4-1) (capacitive load)	16A/230V
	Fluorescent lamp loads according to EN60669	16A/230V
Connection	EIB / KNX	Bus connection terminal (diameter 0.8mm)
	Load output connection terminal	Screw terminal
	Cable cross section	Single core 0.2—6.0mm ²
		Multi-core 0.2-4mm ²
Operation and instructions	Contact position indication	Contact closed - channel open Contact Released - Channel Closed
	Red LED and keys	Allocate physical addresses Indicates that the device application layer is working properly
	Green LED Flashes	
Temperature range	Operation	-5°C ... +45°C
	Storage	-25°C ... +55°C
	Transportation	-25°C ... +70°C
	Humidity	<93%, except condensation 35mm Ding rail,
Environmental conditions Design	DIN Rail module components	modular installation
CE standard Certification	Complies with EMC and low voltage standards, EN50 090-2-2	
	EIB/KNX Certification	

Dimensions



Wiring diagram



Instruction

- ① Programming button
- ② The red LED indicates entering the physical address programming state, and the green LED flashes to indicate that the device application layer is working properly
- ③ EIB/KNX bus connection terminal
- ④ Manual operation switch
- ⑤ Input, output, load terminals