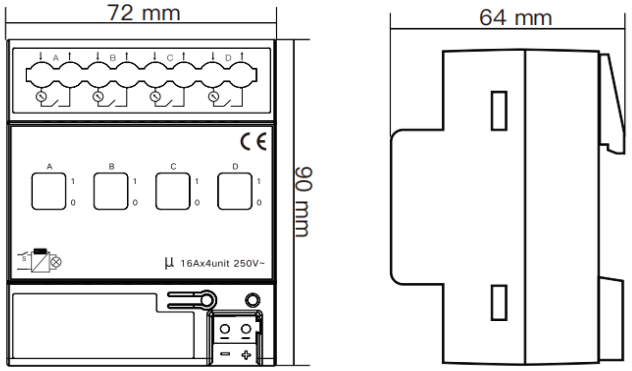
Switch Actuator 4-Fold 16A With Current Measurement Datasheet

Applicable Model:

Switch actuator 4-Fold 16A with current measurement

KNX international standard home and building control system

Dimension

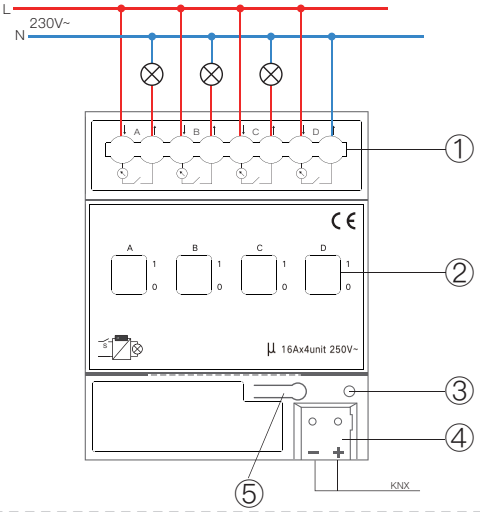


Size	Weight
72 × 90 × 64mm	Around 0.234KG

Product Feature

- Time function: delays the open/close time
- Stair lighting function with warning function and adjustable stair lighting time function
- Scene, preset control: 8-bit / 1-bit
- Logical operation: and, or, xOR, gate function
- State value query returns
- Forced operation and safety insurance function
- Threshold function setting
- Electrically heated valve actuator control
- Bus voltage disconnects and recovers after relay switch position selection
- Current detection

Wiring diagram



Technical parameter

Power supply	KNX bus voltage	21~30VDC, obtained through EIB bus
	EIB/KNX current consumption	< 12 mA
	EIB/KNX power consumption	Max. 360 mW
Output	Number of channels	4
	Un rated voltage	250V AC (50~60Hz)
	In rated current	16A
	Maximum switching current	20A/250V AC
	Maximum load consumption	2W
	Current detection range	50mA-16A
	Current detection accuracy	±5% & ±20mA
Output life	Mechanical life	$>10^6$ times
	Electrical life	$>10^4$ times
Output switching time	Single relay operation term	55ms
	Delay time after startup	30ms
	Delay time after starting off	25ms
Wiring	EIB / KNX	Terminal connection （ 0.8mmØ）
	Output terminal	screw terminal
Operation and Instructions	Red led and button	Assigning physical Addresses
	Green led blinks	Indicates that the device application layer is working properly
	Contact position indication	Contact point close- channel open
		Contact point open- channel close
Protection grade	IP 20	EN 60529
Security Level	II	EN 61140
Temperature range	Operation	— 5 °C ... + 45 °C
	Storage	— 25 °C ... + 55 °C
	Transportation	— 25 °C ... + 70 °C
Environmental conditions	Humidity	<93%, except condensation
Design	DIN-rail module	35mm Din-rail

Instruction

① Strong current terminal

② Relay manual switch

③ Programming indicator light

④ KNX EIB bus connection terminal

⑤ Programming button

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.