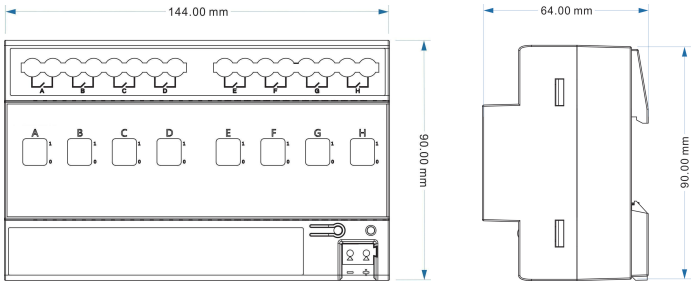
LETOUR

Switch Actuator,8-fold/ 20A Datasheet

Applicable Model：
LY/K0820412J

KNX International Standard Home and Building Control System

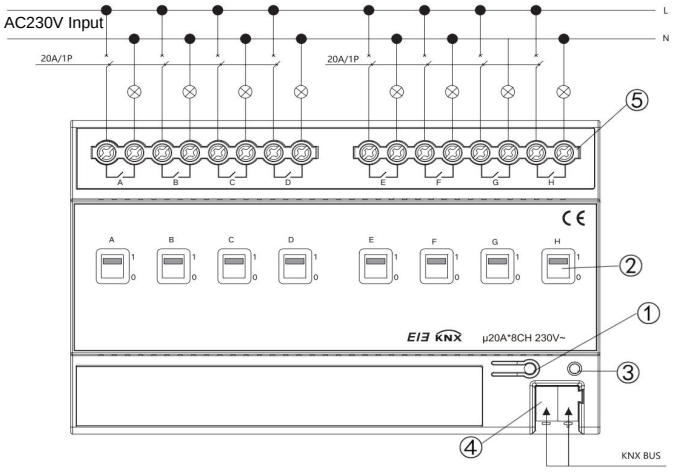
Dimensions



Product Feature

- Manual control switch
- Time function: delay on/off time
- Scene, Preset Controls:5bit/1bit
- With and,or,XOR, 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

Wiring Diagram



Technical Parameter

Power	—Operating Voltage	21~30V DC, provided by bus
Output normal value		
	—The number of outputs	8
	—UnRated voltage	230VAC(50~60Hz)
Output switch current	-meets the AC1(EN60947-4-1)(resistive load) 20A/230V	
	-meets the AC3(EN60947-4-1)(capacitive load)150WA/230V	
	-meets EN60669 load of fluorescent lamps 16A/230V	
Connection	—EIB / KNX	Bus connection terminal (φ0.8mm)
	Load output connection terminal	Screw terminal
	—Cabel cross section	Single core 0.2—6.0mm^2
		Multi-core 0.2—4mm^2
Operation and Indication	—Contact position indication	Contact closed - channel open
		Contact released - channel closed
	—Red Led and keys	Allocate phosical addresses
	—Green Led flicker	Indicates that the device application layer is working properly
Temperature range	—Operation	–5 °C ... + 45 °C
	—Storage	–25 °C ... + 55 °C
	—Transporatation	– 25 °C ... + 70 °C
Environental conditions	—Humidity	<93%, except dewing
Design	—DIN Rail Module assembly, 35mm Din rail	
CE	EMC:IEC63044-5-1，EN63044-5-2 LVD:IEC63044-3,IEC60669-2-1	
Certification	—EIB/KNX Certificatoin	

Instruction

① Programming button

② Manual operation switch

③ The red LED indicates that the physical address programming state has been entered, and the green LED flashes to indicate that the device application layer is working normally.

④ EIB/KNX bus connection terminal.

⑤ Input, output and load terminals

Installatoin Notes

This equipment is designed as a modular installation device according to EN 60715 series for quick and easy installation in a distribution box or small box. It can be installed on a 35 mm DIN rail. During installation, it is necessary to ensure that the equipment is operated, tested, inspected, maintained and repaired correctly.

Important Hint

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

- Devices need to be protected from moisture, dirt, and damage during transportation, storgae and use.
- Do not operate the device outside of specified specifications(such as temperature range).
- The device can only be operated in a closed enviornment(such as distribution box)

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