

Technical Sheet For EIB/KNX Switch Blind Actuator

LC-A2410-TP

The worldwide standard for home and building control

CHARACTERISTICS

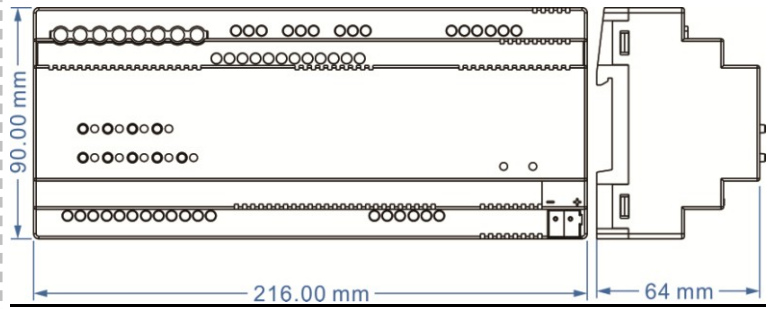
The device can set max. 24 channels switch output or max. 12 channels shutter output. One channel shutter output can be used as 2 channels switch when they are not used as shutter/blind output .

- Switch output, which can connect some electrical loads, such as lighting, sockets. The power of the load is 230V AC 10A output with manual button control in front of the device. All channels have the function of general switch, staircase lighting, light flashing and switch delay, scene, operation hours counter, also logic and force operation are available
- Shutter output, which can connect with motor blinds, awnings, roller blinds, vertical blind, etc. With 230V AC 1000W motor or dry contact controlling motor. Operating shutter and louvre adjustment are available; automatic function and sun protection are available; scene and safety operating are available;

PARAMETERS

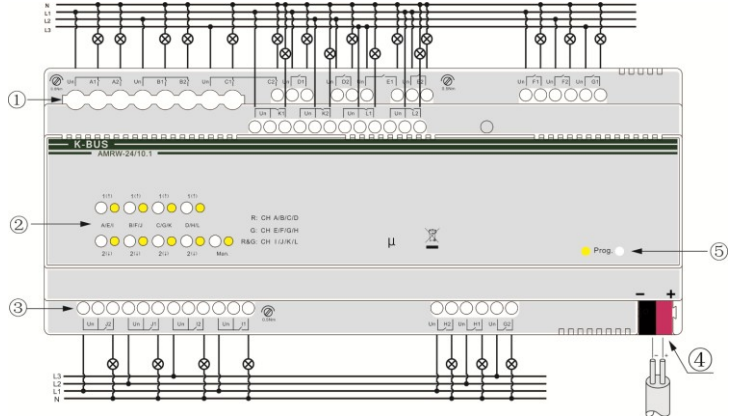
Power supply	Bus voltage	21-30V DC, via the EIB
	Standby current	Max. 12mA
	Power consumption	Max. 360mW
	Capacitor charge current	Max. 24mA
Output	24 channels	Can be individually configured
	Un rated voltage	230/400V AC (50/60Hz)
	In rated current capacity	10A/105uF
	Max. switching current	16A/240V AC
	Mechanical endurance	> 2 x 10 ⁶
	Electrical endurance	>5 x10 ⁴
	Max. DC current switching capacity (resistive load)	16A/30V DC
Connection	EIB/KNX	Via bus connection terminals
	Outputs A/B/C1, Screw terminals, Wire Range	0.5-4mm ²
Operation and display	Torque	0.8N-m
	Other outputs, Screw terminals, Wire Range	0.5-2.5mm ²
	Torque	0.5N-m
	programming button and	For assigning the physical address
	Red LED	For displaying application layer running normally
Temperature	Green LED flashing	
	Operation	-5 °C ... + 45 °C
	Storage	-25 °C ... + 55 °C
Environmental	Transport	- 25 °C ... + 70 °C
	humidity	<93%, except condensation

DIMENSIONS



Model	Dimension	Weight
LC-A2410-TP	216×90×64mm(L×W×H)	0.8kg

DESCRIPTIONS



①③ Output terminals A~L, As switch or curtain output, A1 corresponds to A↑, A2 corresponds to A↓. The other channels have the same function.

② **Manual operation buttons and status indicating light for outputs A~L.**

The LED near the button indicates the corresponding output of state, in case of switch the LED on is output, off is no output. In case of curtain, to move the curtain via a long operation, and slat adj./stop via a short operation. When curtain is running, the LED will flash; If both of blinds and slat arrive at min. or max. position, the LED will be on.

Manual/auto. operation (Man.)switch button and status indicating light.

Switch the manual/Auto. Operation via a long operation. In the manual operation, switch the output channels via a short operation.

When the LED near the button is Red(R), the output A,B,C,D can be controlled.

When the LED is Green(G), the output E,F,G,H can be controlled.

When the LED is R&G, the output I,J,K,L can be controlled.

④ EIB/KNX bus terminal

⑤ Programming button and LED

INSTALLATION FIGURE

The devices are suitable for installation on the distribution boards with 35mm DIN rail which complies with DIN EN 60715 or a small box in order to facilitate quick installation of the device. Must ensure that the device operation, testing, detecting, maintenance correctly.

IMPORTANT INFORMATION

Installation and commissioning of the device may only be carried out by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

- Protect the device against moisture, dirt and damage during transport, storage and operation!
- Do not operate the device outside the specified technical data (e.g. temperature range)!
- The device may only be operated in closed enclosures (e.g. distribution boards). Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.