

# K-BUS

## Technical Sheet For EIB/KNX Switch Actuator

KA/R0416.1

KA/R0816.1

KA/R1216.1



The worldwide STANDARD for home and building control

### CHARACTERISTICS

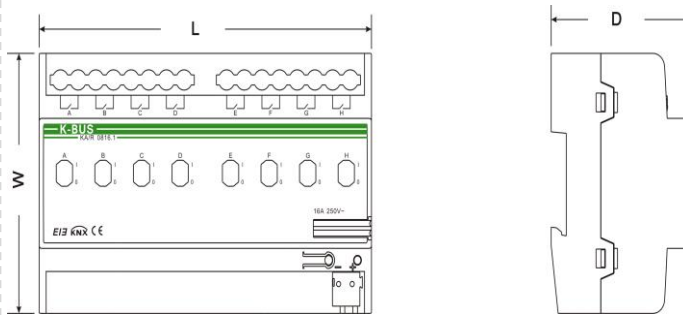
- Manual operation available
- Time functions, on/off delay
- Scene control / presets via 8bit/1bit commands
- Logic operation AND, OR, XOR, gate function
- Status response
- Forced operation and safety function
- Reaction to threshold functions
- Control of electro thermal valve drives
- Selection of preferred state after bus voltage failure and recovery
- Inversion of the outputs
- Staircase lighting functions with warning and adaptable staircase lighting time.

### PARAMETERS

<b>Power Supply</b>	Operation voltage	21~30V DC, via the EIB bus
	Current consumption	<12mA
	Power consumption	Max.360mW
<b>Output</b>	Number of contacts	4/8/12
	U <sub>n</sub> rated voltage	250/440V AC (50/60 HZ)
	I <sub>n</sub> rated current	16A
	Max. leakage loss	2W/4W/8W
	<b>Operation and display</b>	Red LED and push button
Green LED flashing		For display the application layer running normally
Stand-alone operation		Via local operation, extension inputs

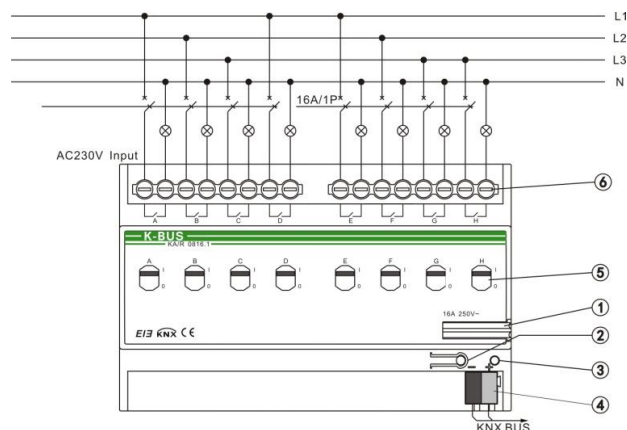
<b>Connections</b>	Indication of the contact position	Close means the output is on Open means the output is off
	EIB/KNX	Bus connection terminal (black/red)
	Load circuits	Screw terminals
<b>Temperature</b>	Operation	-5°C~45°C
	Storage	-25°C~55°C
	Transport	-25°C~70°C
<b>Mounting</b>	On 35mm mounting rail	
<b>CE norm</b>	According to the EMC and low voltage guideline, EN 50090-2-2	
<b>Certification</b>	EIB/KNX certified	

### DIMENSIONS



Model	Dimension (L x W x D)	Weight
KA/R0416.1	71.5 x 90 x 60mm	0.3kg
KA/R0816.1	143 x 90 x 60mm	0.5kg
KA/R1216.1	214.5 x 90 x 60mm	0.75kg

### DESCRIPTIONS



- ① Label carrier
- ② Programming button
- ③ Red LED for entering the physical address, green LED for application process normally running
- ④ EIB/KNX bus connection terminal
- ⑤ Manual operation switch control
- ⑥ Output, load terminal

### INSTALLATION FIGURE

The devices are suitable for installation on the distribution boards with 35mm mounting 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.