

# K-BUS

## Technical Sheet For EIB/KNX RS232 Controller

BTCC-02/232.1

The worldwide STANDARD for home and building control

### CHARACTERISTICS

- Up to 64 serial port control commands, the command length for 64 bytes
- Two standard serial ports with three wires, nonsupport flow control
- The two serial ports are independent, and their baud rate, stop bits and parity can be programmed
- Each serial port can set up to 11 baud rates at a time, and each baud rate has its own communication object
- Via the object of the baud rate trigger the control command sent to the device with serial port

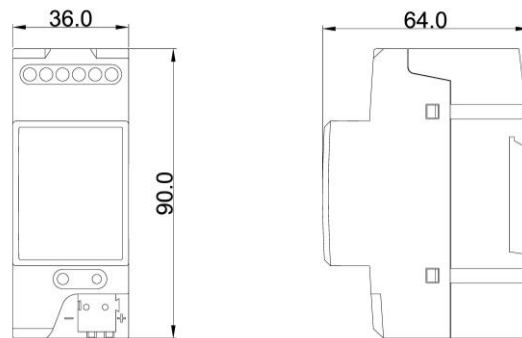
### PARAMETERS

<b>Power supply</b>	Operation voltage	21~30V DC, via the EIB bus
	Current	<12mA
	Power consumption	<360mW
<b>Outputs</b>	Two serial ports with three lines, RxD, TxD, GND	
<b>Connections</b>	EIB / KNX	Bus connecting terminal
	Load circuits	Screw terminals
	Wire range	Single-core 0.2—6.0mm <sup>2</sup> Multi-core 0.2—4mm <sup>2</sup>
<b>Operating and display</b>	Red LED and button	For assignment of the physical address
	Green LED flashing	Indicate the device running normally

<b>Temperature</b>	Operation	-5 °C ... +45 °C
	Storage	-25 °C ... +55 °C
	Transport	-25 °C ... +70 °C

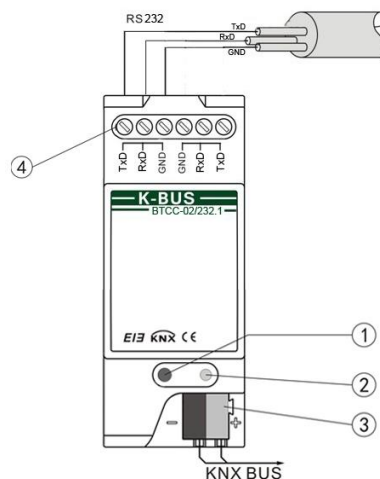
<b>Ambient</b>	Humidity	<93%, except dewing
<b>Design</b>	Modular installation device, on 35 mm DIN rail	
<b>Baud rate</b>	1200~115200 bps	
<b>Transmission</b>	<15m	

### DIMENSIONS



Model	Dimension	Weight
BTCC-02/232.1	90×36×64mm	0.1kg

### DESCRIPTIONS



- ① Programming button
- ② Red LED for assigning the physical address, green LED flashing for display the application layer works normally
- ③ EIB/KNX bus connection terminal
- ④ RS232 serial ports connection 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.