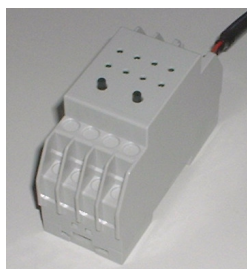


Data sheet
RATIO®-radio bus system
Radio gateway EIB 8 channel REGG01



The Ratio® radio gateway with 8 channels REGG01 is a device to be flush or surface mounted in a casing. It serves as gateway between Ratio® radio senders and the EIB/KNX bus.

4 Ratio® radio senders can be learned into one of the 8 channels and programmed with one of the following connections:

Ratio® wall and hand sender:

- Switching (On/Off/Switch)
- Switching/Dimming with stop telegram
- Blinds (Up/Down/Step/Stop)

Ratio® room temperature sensor RTF102 and RTF102:

- Measuring and recording current and nominal values

Ratio® windows contact FK101:

- Switching (On/Off)

| Technical data | Radio gateway EIB 8 channel REGG01 | Remarks |
|---------------------------------|---|---|
| Functions | Switching On / Off Dimming with stop telegram Blinds with stop telegram | Parameterizable by means of ETS software. |
| Radio technology | Protocol EnOcean, Frequency 868,3MHz | |
| Operating data | Rated voltage EIB voltage 29VDC SELV, Idle current consumption approx. 20mA, Power input approx. 25mA | |
| Protection | Not necessary | |
| Outlets | 8 EIB channels, parameterizable by means of ETS software | |
| Switching behavior | Parameterizable by means of ETS software | |
| Operation and indicator modules | 1 button „LRN“, 1 button „CLR“, 8 LED (1 LED per channel) | |
| Connection | EIB plug clamp | |
| Mechanical data | Casing: synthetic ABS, Measurements Width=36mm Height=90mm Depth=65mm Weight: 80g | |
| Mounting / Assembly | Flush or surface mounted casing | Top hat rail mounting |
| Environmental conditions | Environmental temperature in operation 0°C ... +40°C Storage temperature -40°C ... +85°C Relative humidity (non-condensing) 5 ... 90% | |
| Protections | IP20 according to EN 60529 | |
| Norm conforming assembly | Device conforms to EN 090-2-2 and EN 60669-2-1 | |
| Approbation | TUV, R R&TTE guidelines 1999/5/EC and conforming to EU guidelines. ROHS conforming according to 2002/95/EC. | |
| Labeling | According to EMV guidelines (residential and functional buildings), low voltage guideline. ROHS conforming according to 2002/95/EC. | |

Safety references

The installation of this device may only be done by certified professionals.
 Before working with the device, turn off the electricity supply.
 The prevailing safety and accident prevention regulations must be observed.

Area of application

- The device may only be
- applied in the intended area of use
 - installed fixed in a dry and clean environment,
 - installed in a way that it can only be accessed by using the appropriate working tools.

| Diagram of connections | Designation | Type | Article number |
|------------------------|---------------------------|--------|----------------|
| | Radio gateway EIB 8-Kanal | REGG01 | 6001000 |