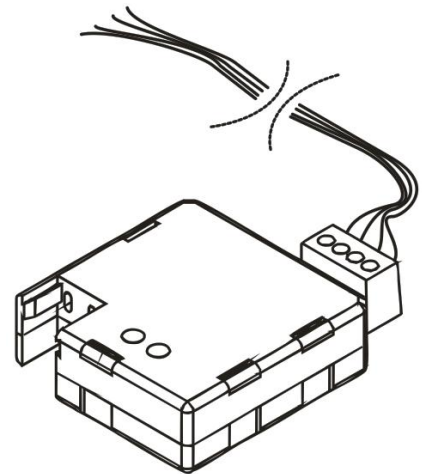
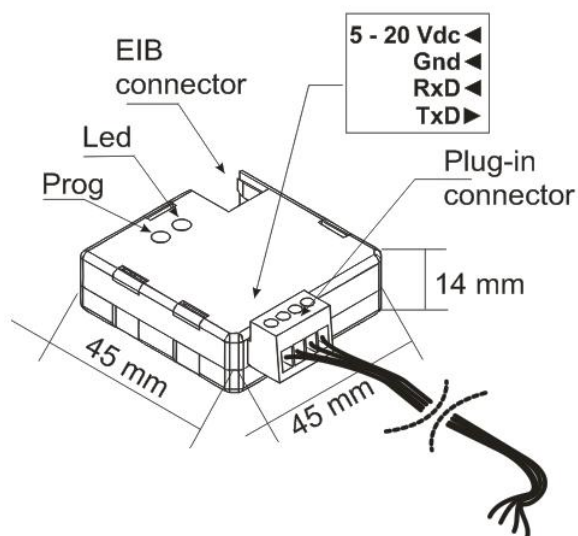


- Reduced size: 45 x 45 x 14mm
- Also available for RS-232 communication
- Independent control assembly device to be mounted inside distribution boxes or electrical panels.
- Proprietary Communication Protocol
- Customizable Communication Speed and error correction mechanisms.
- Ideal for M2M applications.
- Based on core EIB/KNX BIMM112
- High processing capacity
- Total Data Saving
- CE Directives OK



■ ELEMENTS DESCRIPTION



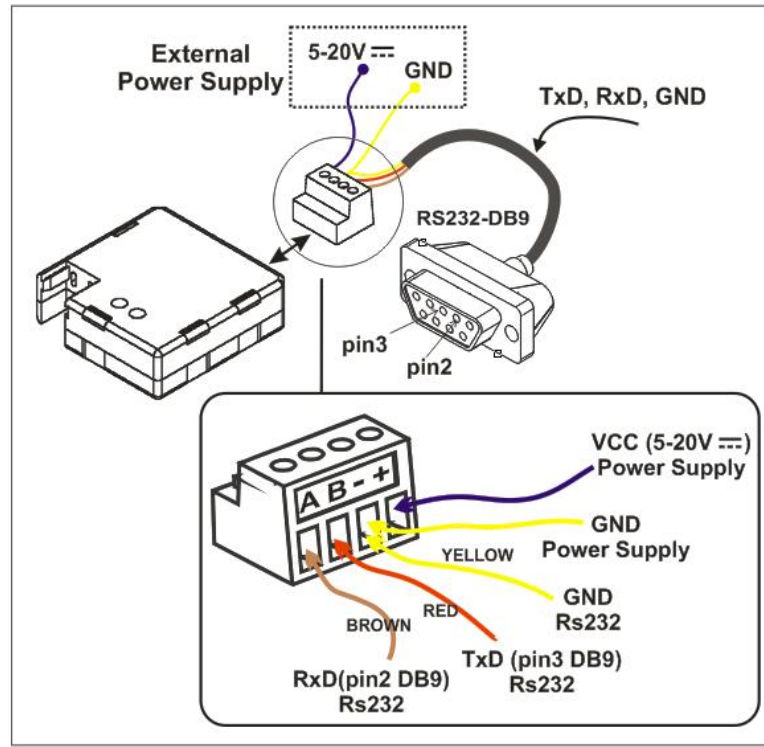
- ◆ **Prog:** Push button to set the programming mode.
- ◆ **Led:** Programming Mode indicator.

| General System Specifications | | |
|---|--|---|
| Concept | Description | |
| ○ Electric Control Device for | Home Automation | |
| ○ EIB/KNX Supply | ○ Voltage | 29V DC |
| | ○ Voltage Range | 20...31V DC |
| | ○ Consumption | 240mW at 9600 bauds |
| | ○ Max intensity | 9,6mA |
| | ○ Connection Type | Typical BUS connector TP1, 0,50 mm ² section |
| ○ External Power Supply | ○ Voltage | 5 V typical |
| | ○ Voltage Range | 5 – 20 V |
| | ○ Consumption | 8mA |
| | ○ Connection Type | 4-Pole Aerial Connector |
| ○ Ambient Temperature | 0°C a +55°C | |
| ○ Storage Temperature | -20°C a +70°C | |
| ○ Ambient Humidity (Relative) | 30 a 85% RH (No condensation) | |
| ○ Storage Humidity (Relative) | 30 a 85% RH (No condensation) | |
| ○ Complementary Characteristics | Class B | |
| ○ Overvoltage Immunity Class | Class II | |
| ○ Operating method | Continuous operation | |
| ○ Type of Protection | IP20, Clean Environment | |
| ○ Device Action Type | Type 1 | |
| ○ Electrical Solicitations Period | Long | |
| ○ Assembly | Independent control assembly device to be mounted inside distribution boxes or electrical panels | |
| ○ Minimum Clearances | ----- | |
| ○ Power Failure Response | Data Saving | |
| ○ Response when recovering Power | Data Recovery | |
| ○ Operation Indicator | Programming LED On when pushing the programming button | |
| ○ Number of automatic cycles (A) per automatic action | 100.000 cycles | |
| ○ PCB CTI index | 175V | |
| ○ Accessories | Aerial connectors and connection clamps | |
| ○ Enclosure | PC-ABS, flammability category Class D | |
| ○ Weight | Aprox. 60 gr. | |

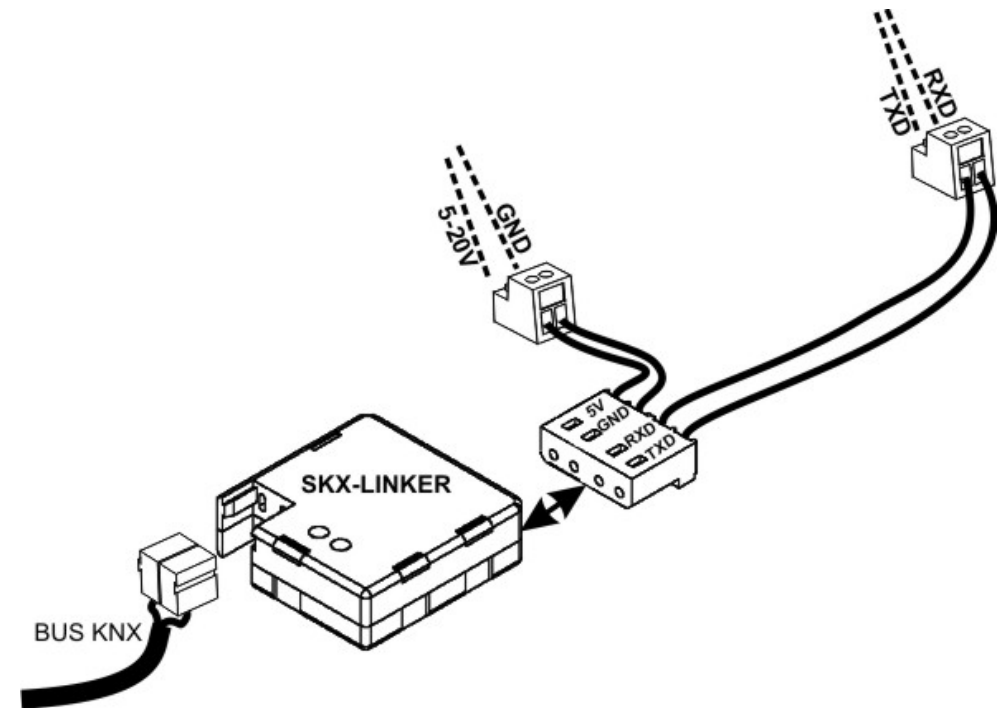
| Communication Specifications | |
|-------------------------------------|--|
| Concept | Description |
| ○ Isolation Method | Optic Coupler |
| ○ Baud Rates | 1200 – 19200 bps (bauds), customizable |
| ○ Transmission Type | 8 bits data, 1 bit stop & customizable parity |
| | Full- duplex for proprietary protocol |
| ○ Connection Type | Aerial connectors |
| ○ Max cable length | 15 m. |
| ○ Recommended Cable Section | 0,15 - 0,5 mm ² for connection clamps |
| ○ Operation Indicator | Software indicator |

■ INSTALLATION OPTIONS

DB9 COLOR CODE FROM 08ACM0157 SERIES



EXTERNAL CLAMPS



SECURITY INSTRUCTIONS

- Do not connect the Main Voltage (230 V) or any other external voltages to any point of the BUS, except for the specific connections. Connecting an external voltage might put all the EIB/KONNEX system into risk.
- Ensure there is enough insulation between the AC Voltage cables, and the BUS ones or their extensions.