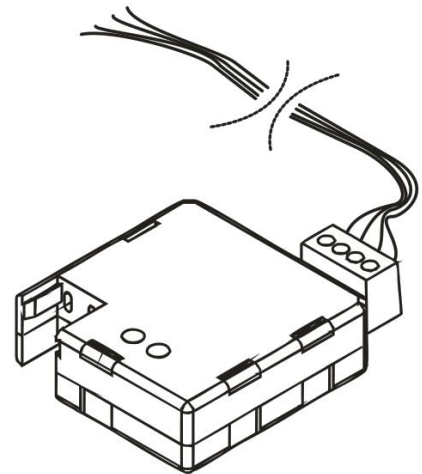
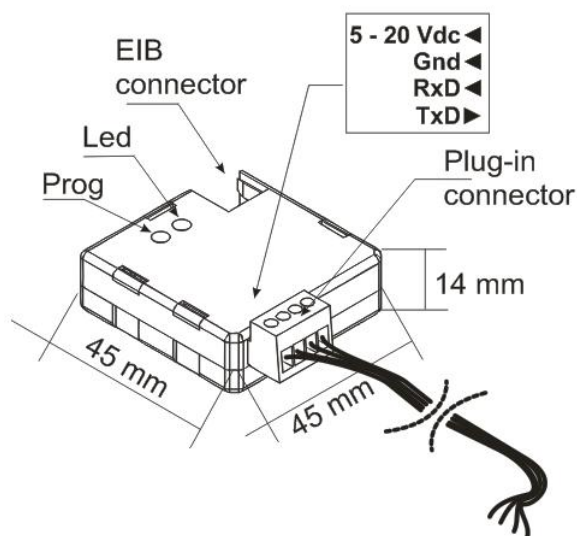


- Reduced size: 45 x 45 x 14mm
- Also available for RS-232 communication
- Independant control assembly device to be mounted inside distribution boxes or electrical panels.
- Proprietary Communication Protocol
- Customizable Communication Speed and error correction mechanisms.
- Ideal for M2M applications.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



■ ELEMENTS DESCRIPTION



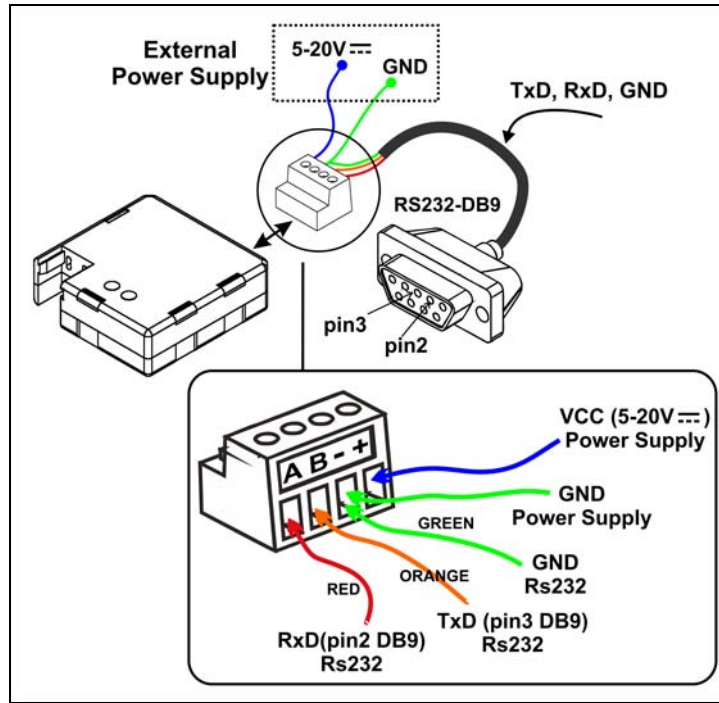
- ◆ **Prog:** Push button to set the programming mode.
- ◆ **Led:** Programming Mode indicator.

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.	

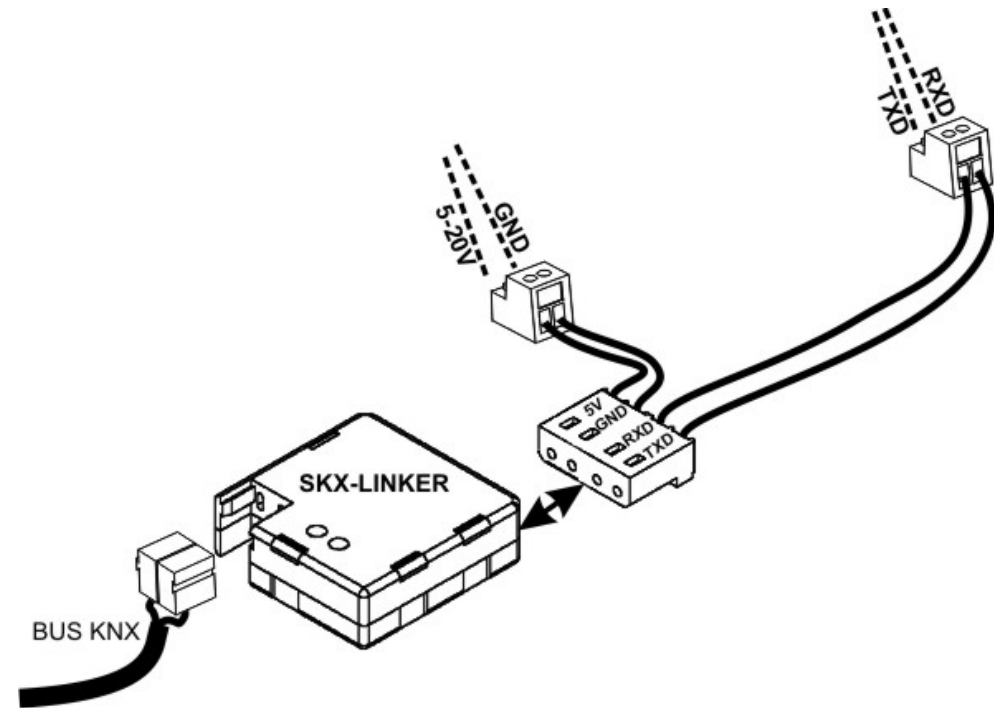
Communication Specifications	
Concept	Description
○ Isolation Method	Optic Coupler
○ Baud Rates	1200 – 19200 bps (bauds), customizable
○ Transmission Type	8 bits data, 1 bit stop & customizable parity
	Full- duplex for proprietary protocol
○ Connection Type	Aerial connectors
○ Max cable length	15 m.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

INSTALLATION OPTIONS

DB9 COLOR CODE TO 08ACM156 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.