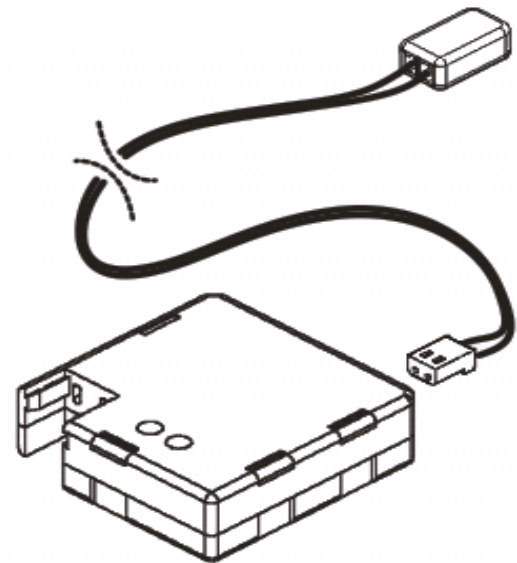


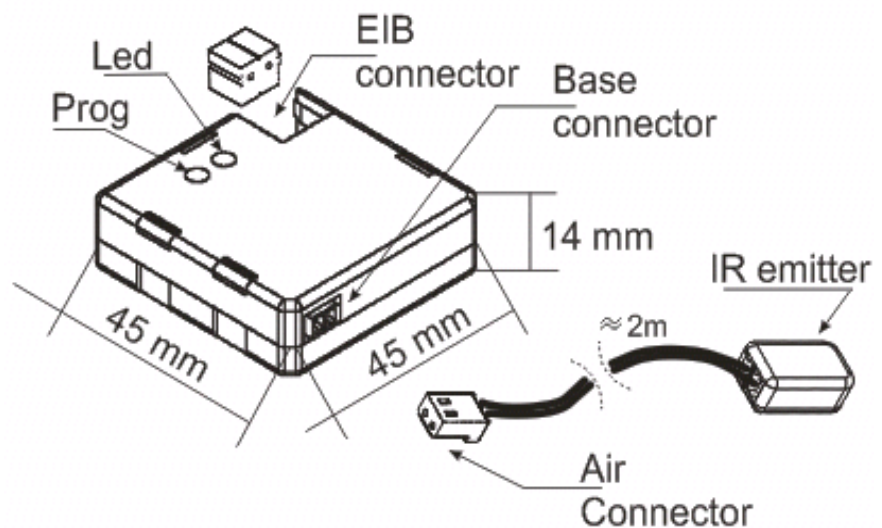
Main characteristics:

- Reduced size: 45 x 45 x 14 mm.
- It can be placed into deep flush-mounting box (60 mm x 60 mm).
- IRSC controls main air conditioning machine functions (on/off, temperature, mode, wind speed) from most manufacturers.
- EIB/KNX Bus coupling unit integrated.
- Complete data saving in case of Bus Power Failure.
- CE Directives OK.



Dimensions and description

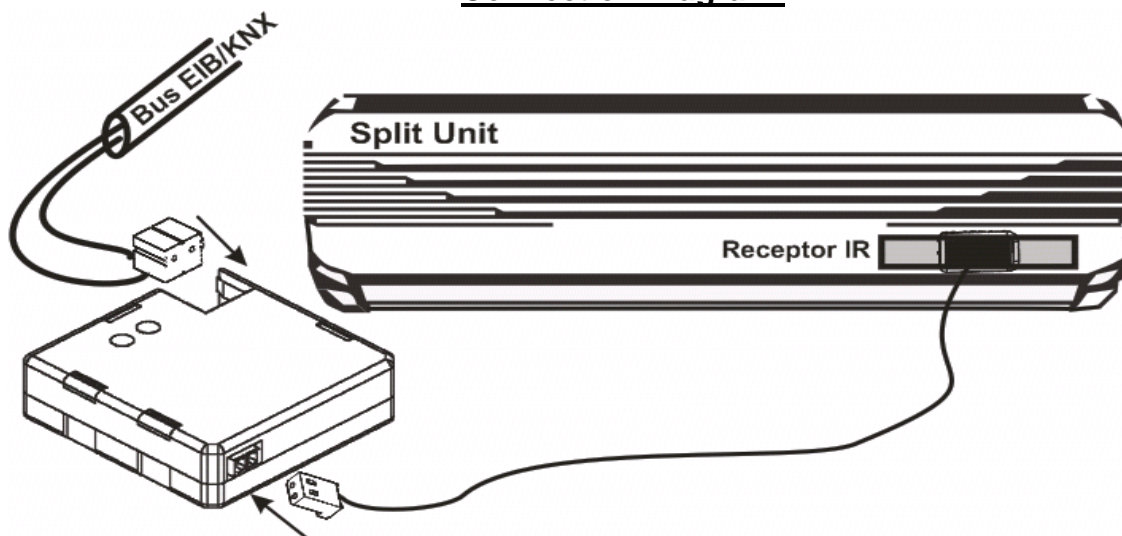
- **Prog:** To set the device programming mode. When initially pushed, after BUS Powering, "secure mode" is set.
- **Led:** Led "On" indicates programming mode. Led blinking every 0,5s, the device is set in "secure mode".
- **IR emitter:** infrared flasher diode to send commands to the split.



General Specifications	
Concept	Description
o Control device for	Home & Building Automation
o EIB Supply	<ul style="list-style-type: none"> o Voltage 29V DC o Voltage margin 20...31V DC SELV o Max Power Consumption 278mW o Max Current 9,6mA o Connection type Typical BUS connector TP1, 0,50 mm² section
o External Supply	Not needed
o Operation Temperature	0°C a +55°C
o Storage Temperature	-20°C a +70°C
o Ambient humidity (relative)	30 a 85% RH (no condensation)
o Storage humidity (relative)	30 a 85% RH (no condensation)
o Complementary characteristics	Class B
o Safety Class	Class II
o Operation type	Continuous operation
o Type of protection	IP20, clean environment
o Assembly	Recommended in deep flush-mounted box (60mmx60mm)
o Min clearances	Not needed

o Response to BUS voltage failure	Complete data saving
o Response to BUS failure recovery	Data recovery and IR commands sending as programmed
o Operation indicator	LED On when pushing programming button
o Accessories	IR wired flasher diode with protective capsule
o PCB CTi index	175 V
o Enclosure	PC-ABS, flammability category class D
o Weight	Aprox. 60 gr.

Connection Diagram:



IR emitter specifications	
o Connection method	Aerial connector
o Installation	Stick the IR emitter on the unit IR receiver
o Cable section	0,15 mm ²
o Cable length	2,15 m
o Peak wave length (λ_p)	940 nm
o Radiated emission power (Φ_e)	2,4 mW
o Radiated intensity	2,4 mW/sr
o Emission response time	Parametrizable option. Min recommended 2 s.



SAFETY INSTRUCTIONS

- Do not connect the Main Voltage (230 V) or any other external voltages to any point of the BUS. 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. A minimum clearance of 4 mm must be ensured
- The IR emitter must be stuck on the air conditioning receiver. The protective capsule mustn't be retired.