

CUSTOLAN EIB



Ethernet module for EIB-KNX and X10 control

Features

- **CUSTO LAN EIB** can drive EIB-KNX or X10 devices by MBC Bus or Ethernet network. Can also be used as an Ethernet/Media Bus Control gateway (**XMonopro**, **Multicustom** & **Minimono**).

- EIB-KNX is a bus generally used into the electric closet to simplify the communication between the different electric commands.

- Thanks to **CUSTO LAN EIB** you can control every electrical system of a house (lighting, dimmers, heater, security, ...).

- So you can send and receive commands to all devices with EIB compatibility (Hager, Legrand, ABB, Siemens, Berker, Jung, Siedle, ...).

- X10 is a power line protocol to drive X10 devices (lamps, electric plug, ...). **Mono X10** is an optionnal interface to link the **CUSTO LAN EIB** to 230/110 power line.

- Built-in Power over Ethernet (PoE: IEEE 802.3af) capabilities. **CUSTO LAN EIB** can be powered through Ethernet cable CAT5. The second solution to power **CUSTO LAN EIB** is to use a standard external power supply 12VDC.

- Ports: 1 Ethernet RJ 45, 2x 12V power supply on detachable terminal blocks, 2x RS485 on detachable terminal blocks MBC Bus port for communication with **Vimaty / Padmaty** touch panels and **XMonopro**, **Multicustom** or **Minimono** controllers as well as **Custo Series**.

- Up to 16 **CUSTO LAN EIB** modules can be used on the MBC Bus **Media Bus Control** (address set by dipswitches).

- The operating system can be directly updated through Ethernet.

- **CUSTO LAN EIB** is a desktop module delivery with DIN rail fixation.



Technical datas

SPECIFICATIONS

EIB

X10

MBC Bus

Ethernet

Consumption

Alimentation PoE

Alimentation externe (livrée)

DIMENSIONS & WEIGHT

Dimensions – W x H x D

Weight

OPTIONS

EIB sur connecteur Phoenix: In – Out.

1 x RJ12

2 x MBC bus port – 3 pins on Phoenix connectors

Communication speed: 115200 bps

Length: 8bits

Parity: none

Stop bit: 1

Address sets by dipswitches

Communication speed: 10 base-T – RJ 45

Protocole: UDP

Port: 12000 (by default)

12 VDC – 50 mA

IEEE802.3af – Mode A and B – 600 mA

Input : 12VDC – 500 mA to 4A – 2 pins Phoenix

Output: 12VDC – 4A max – 2 pins Phoenix

126 x 85 x 31 mm

420 g

DIN rail fixation, ref: Custo/DIN

External PoE injector power unit, ref: SP 390

16 hub switch ports with 8 PoE ports, ref:

SP616P

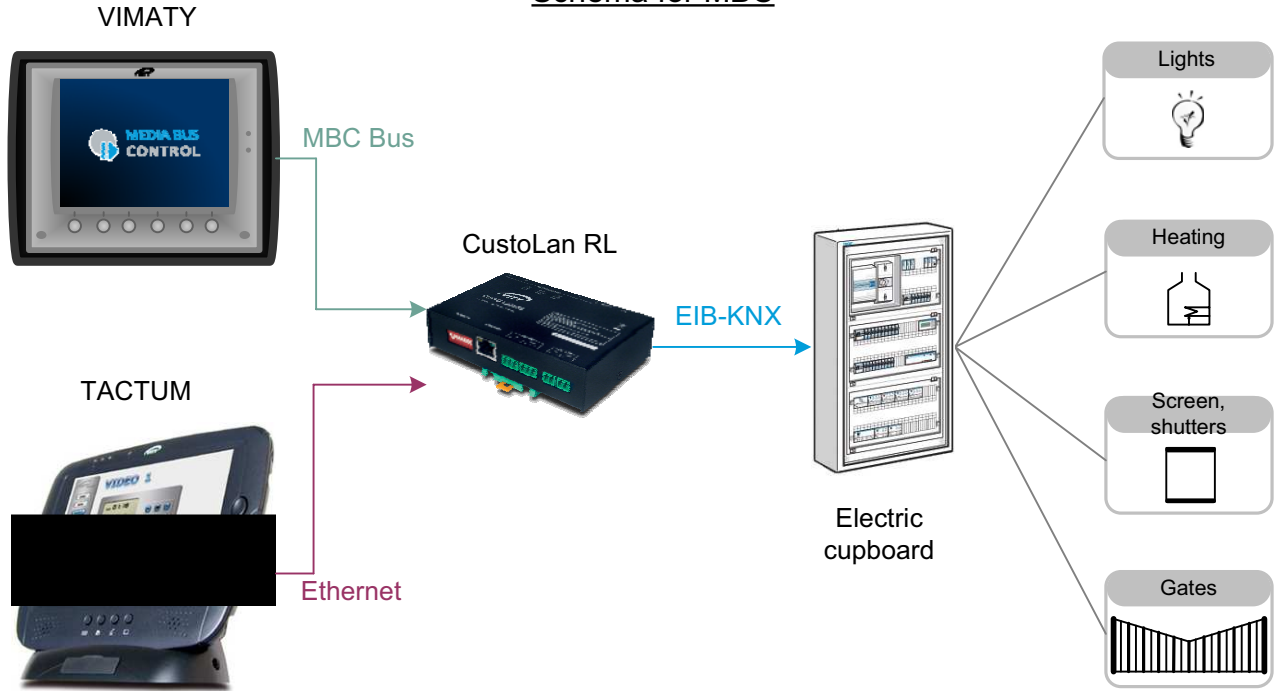
Interface 230/110V to X10, ref: XM 10E

CUSTOLAN EIB

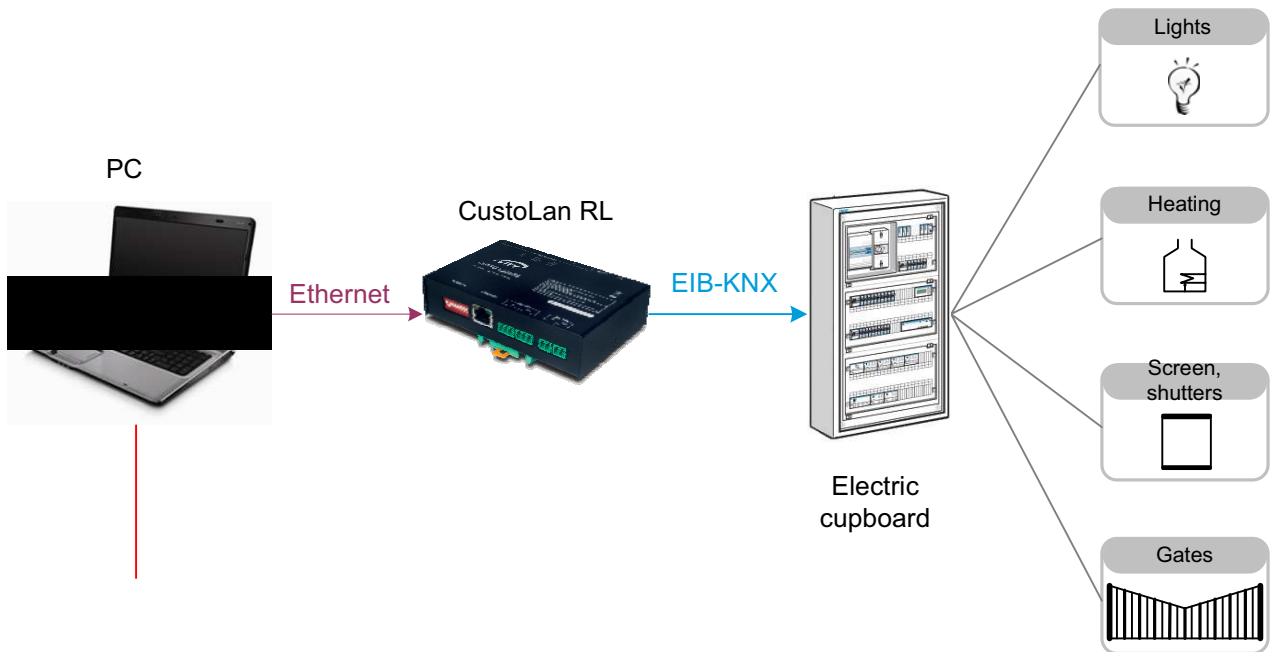


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Schema for MBC



Schema for PC



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