

CustoLan EIB



PRODUCT REFERENCES

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WHAT IS CUSTOLAN EIB

CustoLan EIB is a small controllers for specific use. It can drive **EIB-KNX or X10 devices by Ethernet network or MBC bus**. It can be controlled by all the VITY's remote control range or by a standard PC.

CustoLan EIB firmware's update can be directly done by Ethernet.

EIB KNX

EIB-KNX is a generally used 2 wires bus into electric closet to simplify the communication between the different electric commands. Thanks to **CustoLan EIB** command module 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, ABB, Siemens, Berker, Jung, Siedle, Merten ...).

X10 is a power line protocol to drive X10 devices (lamps, electric plug, ...). **XM 10E** is an optional interface to link the **CustoLan EIB** to 230/110V X10 power line devices.

POWER SUPPLY

CustoLan EIB can be powered by a standard 12VDC external power supply or by PoE. PoE (IEEE802.3af) allows to power a **CustoLan EIB** without external power supply. The module is powered by the CAT5 cable through PoE (IEEE802.3af) injector or hub.

Custo modules can delivery 12VDC power supply output - 500 mA (PoE) - 4A (with external power supply) to supply an other device.

VERY FLEXIBLE

Custo modules are ideal for small installations, for the remote installations in several rooms or in complement of an existing MBC installation.

Up to 16 **CustoLan modules** can be linked by a **MBC bus** cable to respond as precisely as possible to the installation needs. It can also be linked with **Multicustom, XMonopro** and **Mini-mono** controllers to fully respond to the installation requirement.

CustoLan EIB is a desktop module it can be fixed on DIN rail (**Custo/DIN** optional).

SPECIFICATIONS

EIB	EIB on 2 pins phoenix connector two plugs: In-Out.
X10	1x on RJ12
MBC bus	2x MBC bus port - 3 pins on phoenix connectors Communication speed : 115 200 bps Length: 8 bits Parity: none Stop bit: 1 Address sets by dipswitches
Ethernet	Communication speed : 10 base-T - RJ45 Protocol: UDP Port: 12000 (by default)
Consumption	12VDC - 50 mA
Power supply by PoE	IEEE802.3af - Mode A and B - 600 mA
Power supply by external unit	Input: 12VDC - 500 mA to 4A - 2 pins phoenix Output: 12VDC - 4A max - 2 pins phoenix

DIMENSIONS & WEIGHT

Dimensions - W x H x D	126 x 85 x 31 mm
Weight	420 g

OPTIONS

DIN rail fixation, ref: **Custo/DIN**
Interface 230/110V to X10, ref: **XM 10E**
External PoE injector power unit, ref: **SP 390**
16 ports hub switch with 8 PoE ports, ref: **SP 616P**

