KNX ENO 620/622 (32-channel)   EN

Gateway between EnOcean and the EIB/KNX bus
Data sheet

Application

KNX ENO 620 and 622 serve as gateways between EnOcean radio sensors and the EIB/KNX bus and offer additional control functionality. A device has 32 sensor channels, each of which can be configured with one of the following functions:

- Switching / Dimming
- Blinds / Shutters
- Temperature sensor
- Window contact
- Light sensor
- Motion detector

Fig.: KNX ENO 620

Touch sensors can be configured as one-key control or as rocker. Up to 4 keys/rockers can be connected to one channel.

In addition, the device contains six control channels that can be connected with the communication objects of a sensor channel or of an external EIB/KNX sensor. The following control types can be selected for each channel:

- Light, continuous
- Light, on/off
- Temperature, continuous
- Temperature, on/off
- Common 2-byte-float, on/off
- Common 0...255 (0...100 %), on/off

Fig.: KNX ENO 622

The function of each channel is selected with the ETS software by parameter. Depending on the selected function the enocean telegrams are mapped to up to 6 communication objects. Linking of sensors can be done with a interface in the device or remot via KNX bus with a separately available software.

Technical data

Electrical safety
- Protection class (as per EN 60529): IP 20
- Safety extra low voltage SELV 24 VDC Compliant with EN 50090-2-2

EMC requirements
- Compliant with EN 61000-6-2, EN 61000-6-3 and EN 50090-2-2

Ambient conditions
- Climatic stability: EN 50090-2-2
- Ambient operating temp.: - 5 ... + 45 ℃
- Storage temp.: - 25 ... + 70 ℃
- Rel. humidity (not condens.): 5 % … 93 %

Labeling
- KNX / EIB
- CE compliant with EMC requirements (residential and functional buildings)

Hardware data
- Housing: plastic, white
- On-wall mounting
- Dimensions KNX ENO 620:70 x 70 x 27 mm
- Dimensions KNX ENO 622:85 x 85 x 37 mm
- Weight: approx. 70 g
- Fire load: approx. 1000 kJ

Power supply
- Powered via bus Current consumption: approx. 25 mA

Connections
- EIB/KNX connection

Supported EnOcean devices
- See operating and installation instructions

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