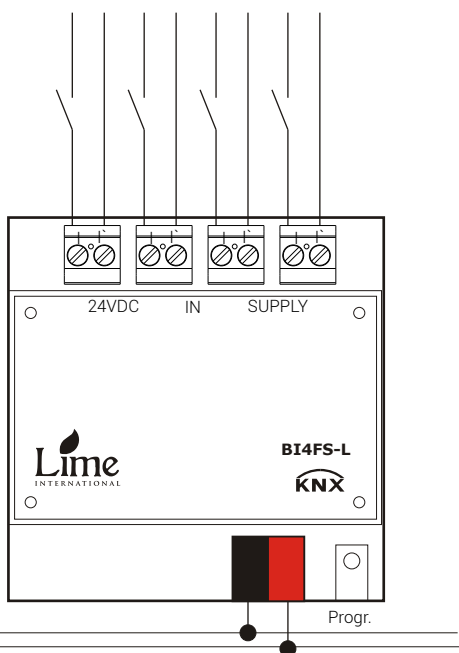
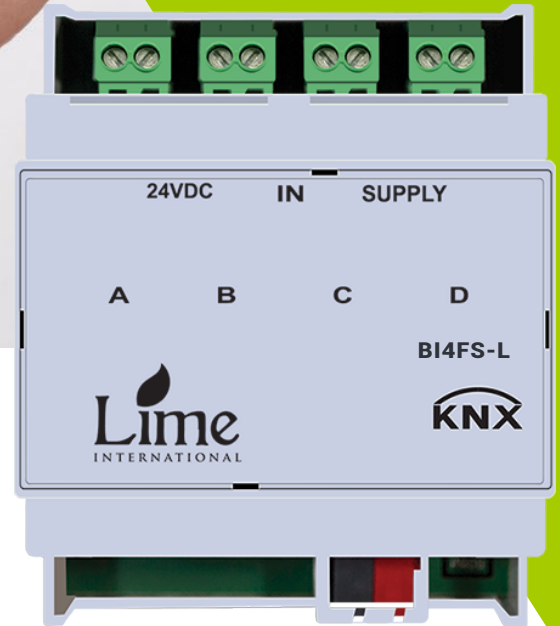


Lime KNX Binary Inputs

DESCRIPTION.

The LIME Binary Input is available in 2 versions, input detection of 230VAC signals (BI4F230-L), and reading out of floating contacts (BI4FS-L). The Binary Input reacts depending on its programmed parameters and sends a telegram on the KNX bus. You can connect conventional push-buttons or auxiliary contacts (e.g. door and window contacts) to the device.

The LIME Binary Inputs include four integrated logical modules to implement logical operations and logical control. These logical modules interpret all the inputs plus two external objects. So, you can easily create KNX/EIB telegrams which are required in daily practice (e.g. fault telegrams or „all windows closed “). Each Input is parameterized individually via ETS. The device provides extensive functions like switching of lighting, operation of blinds and shutters, counting of pulses, debounce time, contact type and telegram rate limitation. The command for rising and falling edge can be defined independently and with the block communication object each channel can be blocked or released. The sending of a second object is possible by the logical modules. The LIME Binary Input is a modular installation device for fixed installations in dry rooms. It fits on DIN 35mm rails in power distribution boards or closed compact boxes. For project design and commissioning of the Lime Binary Input it is recommended to use the ETS 4 or later.



- Certified according to ISO 9001
- To connect push buttons or window/auxiliary contacts
- 4 integrated logical modules, e.g. interpretation of the inputs (e.g. window closed or sending second object)
- NO or NC contact operation, sending contact state
- Operation of blinds and shutters, 1 and 2 button operation
- Forced setting function for each output
- Scenes, block communication object for each channel
- Operation with short/long button push and 2 objects
- Counting of pulses, suitable for 30ms S0 pulses
- Cyclical sending, sending after reset
- Internal contact voltage 12V
- 5 years warranty

TECHNICAL DATA

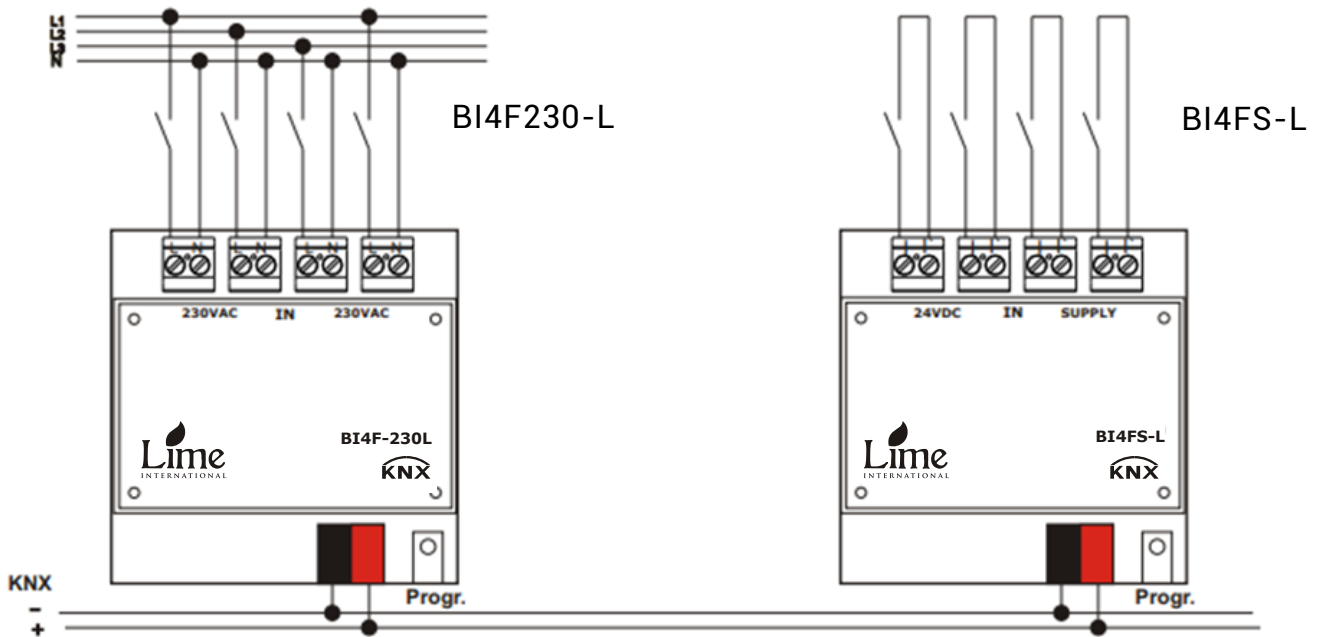
max. group addresses	34
input voltage	potential free max.100m (BI4FS-L) 180...25V AC/DC (BE4F230-Q)
auxiliary power supply	not necessary
protection class	IP 20
Dimensions	BE4FK-E 71 × 90 × 60 (4 RU*) BE4F230-E 71 × 90 × 60 (4 RU*)
installation	35 mm DIN rail
Operating temperature	-5 ... +45°C *RU = rail unit

TERMINALS

Conductors Permitted:

Single Core 0,2 - 4mm²

Fine Wired 0,25 - 2,5mm²
with end Sleeves



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KNX

This device complies with the KNX guidelines. Detailed knowledge of KNX and KNX training are a pre-condition for understanding and proper installation. Planning, installation and commissioning of the device are done with KNX-certified software.

Support

The standard support is provided by the e-mail address: Support@lime-smart.com