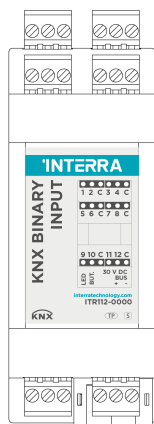


KNX Binary Input



Product Code	ITR112-0000
Power Supply	KNX Power Supply
Current Consumption	10 mA
Number of Inputs	12
Cable Length	Maximum 100 m at 1.5 mm ²
Cable Cross-Section	0.25 – 1.5 mm ²
Cable Stripping	6 mm
Mounting Type	DIN Rail
Type of Inputs	Dry Contact Inputs
Mode of Commissioning	S-Mode
Type of Protection	IP 20
Temperature Range	Operation (-5°C...45°C) Storage (-25°C...55°C)
Colour	Light Grey
Dimensions	90 x 36 x 71 mm (H x W x D)
Certification	KNX Certified
Configuration	Configuration with ETS

DESCRIPTION

KNX Binary Input is used to interface the contacts to KNX bus substructure such as push buttons, switches etc. to make them communicating devices.

CONFIGURATION AND FEATURES

The complete configuration of the device is performed via ETS5 or higher. Depending on ETS configuration and settings, the product feature will be different. Available functions are:

Input Functions

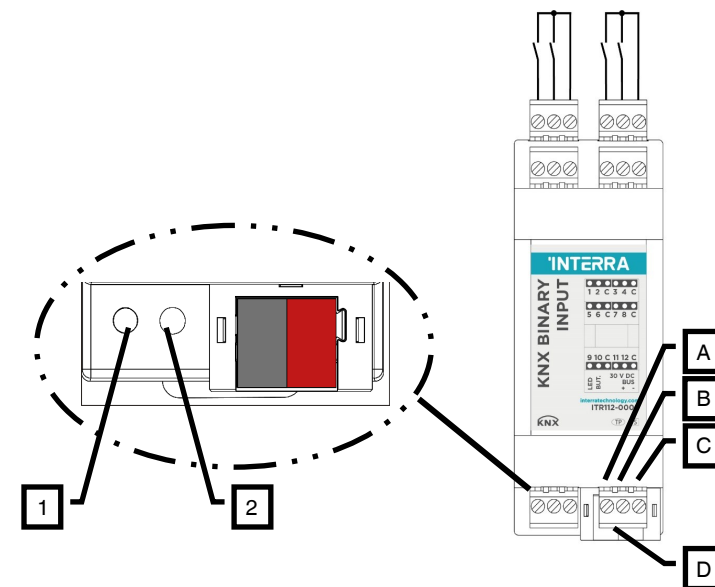
- Switch Sensor
- Switch / Dimming Sensor
- Shutter Sensor
- Value / Forced Operation
- Control Scene
- RGB Colour Control
- RGBW Control
- Mode Selection
- Command Sequence

Logic Functions

- | | |
|---|--|
| Internal Inputs (max. 12) | Output Types (max. 5 selectable) |
| External Inputs | <ul style="list-style-type: none"> • Switch • Dim • Shutter • Alarm • Percentage • Sequence • Scene Number • String • Threshold |
| <ul style="list-style-type: none"> • Binary Value (adj. size) (max. 3 selectable) • Movement • Temperature • Brightness | |

Most functions only need one input, and therefore each input might be assigned a different function. However, there are also some functions that can also use two inputs, such as “Dimming with 2 buttons” and “Shutter/Blinds with 2 buttons”.

CONNECTION DIAGRAM



Letter	Feature
A	Input X
B	Input Y
C	Common
D	KNX Connector
1	Programming LED
2	Programming Button