

ITR102/104/106 – KNX UNIVERSAL INTERFACE



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|-----------------------|---|
| Devices | ITR102 ITR104 ITR106 |
| Power Supply | EIB Power Supply |
| Power Consumption | 50 mW |
| Number of Inputs | 2,4 or 6 |
| 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...60°C) |
| Flammability | Non-flammable Product |
| Color | Light Grey |
| Dimensions | 40x10x40 (WxLxH) |
| Certification | KNX Certified |
| Configuration | Configuration with ETS |

DESCRIPTION

ITR102/104/106 KNX universal interfaces are the devices with 3 different options. According to the number of inputs they have 2,4 or 6 inputs. ITR102/104/106 devices are used to interface the contacts to KNX bus substructure such as push buttons, switches etc. to make them communicating devices.

MOUNTING, COMMISSIONING AND SAFETY NOTES

- The device may only be installed and put into operation by a qualified electrician or authorized personnel.
- The device is inserted in a flush-mounted combined joint box.
- The installation location should not be in the outdoor area.
- The voltage potentials on the lines connecting the contacts are not electrically isolated from the bus voltage.
- Permitted cable length can be up to 5 meters and unused wires should be insulated.
- Avoid contact with liquids and corrosive gases.
- Do not get wrong connection for KNX Black and Red wires.
- Please do not forget to recheck all connections after installation.

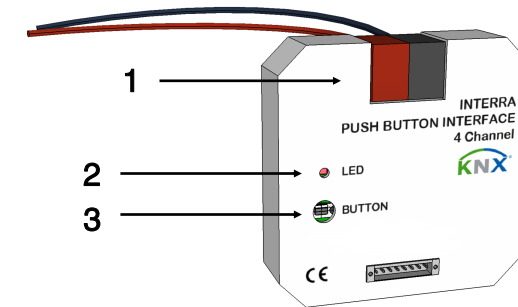
CONFIGURATION AND FEATURES

The complete configuration of the device is performed via ETS3 or higher. Depending on ETS configuration and settings the product feature will be different. Available functions are:

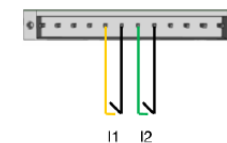
- Switching
- Dimming
- Toggle
- Blind Control
- 2 Channel
- Value Selected

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

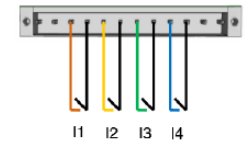
CONNECTION AND WIRINGS DIAGRAM



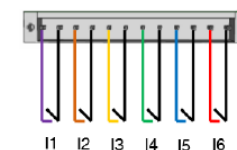
1. KNX Bus Connection
2. LED Indication
 - Red : Device status as physical addressing and the presence of KNX.
3. Physical Addressing Button
 - This button is used to give physical address to devices and to verify the bus presence.



ITR102



ITR104



ITR106