

## KNX Universal Interface



<b>Product Codes</b>	ITR102-0000 ITR104-0000 ITR106-0000
<b>Power Supply</b>	KNX Power Supply
<b>Power Consumption</b>	50 mW
<b>Number of Inputs</b>	2,4 or 6
<b>Type of Inputs</b>	Dry Contact Inputs
<b>Mode of Commissioning</b>	S-Mode
<b>Type of Protection</b>	IP 20
<b>Temperature Range</b>	Operation (-5°C...45°C) Storage (-25°C...60°C)
<b>Colour</b>	Light Grey
<b>Dimensions</b>	40 x 10 x 40 mm (W x L x H)
<b>Certification</b>	KNX Certified
<b>Configuration</b>	Configuration with ETS

### DESCRIPTION

ITR102/104/106 KNX universal interfaces are 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 connecting the contacts lines 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 the wrong connection for KNX Black and Red wires.
- The connection of the input cables of the device from the KNX bus or any other external voltage source must be completely isolated.
- Please do not forget to recheck all connections after installation.

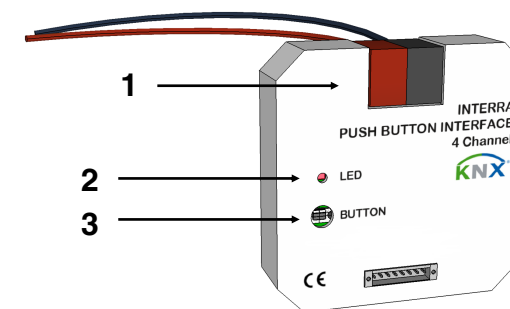
### CONFIGURATION AND FEATURES

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:

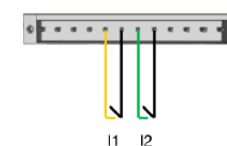
- Switching
- Dimming
- Toggle
- Blind Control
- 2 Channel
- Value Selected

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

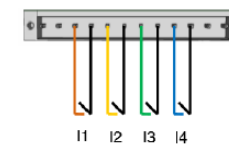
### CONNECTION AND WIRINGS DIAGRAM



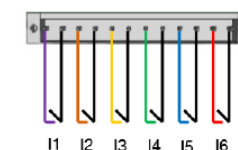
1. KNX Bus Connection
2. LED Indication
  - Red : Device status as physical addressing and the presence of KNX.
3. Physical Addressing Button
  - This button is used to give a physical address to devices and to verify the bus presence.



ITR102



ITR104



ITR106