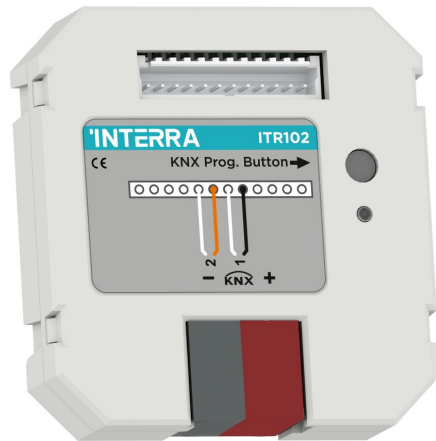


KNX Universal Interface



Product Codes	ITR102-0000 ITR104-0000 ITR106-0000
Power Supply	KNX 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)
Colour	Light Grey
Dimensions	40 x 10 x 40 mm (W x L x H)
Certification	KNX Certified
Configuration	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.

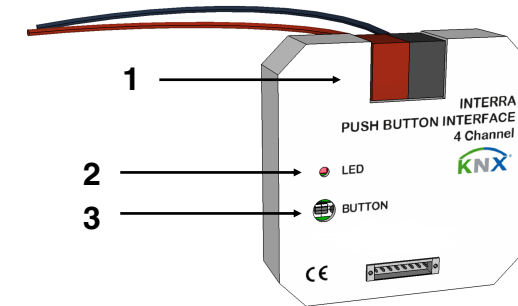
CONFIGURATION AND FEATURES

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:

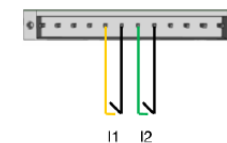
- Switching
- Dimming
- Toggle
- Blind Control
- 2 Channel
- Value Selected

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".

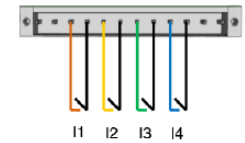
CONNECTION AND WIRINGS DIAGRAM



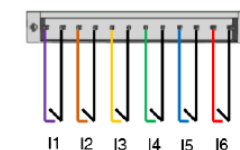
1. KNX Bus Connection
2. LED Indication
 - Red : Device status as physical addressing and the presence of KNX.
3. Physical Addressing Button
 - This button is used to give a physical address to devices and to verify the bus presence.



ITR102



ITR104



ITR106