Push Button Interface [AU] - 4 Channel
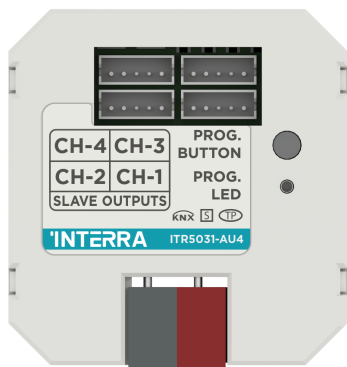
Product Code	ITR5031-AU4
Power Supply	KNX Power Supply
Current Consumption	5 mA
Input Measurement	
Voltage	3.3 V DC
Current	0.45 mA
Output Measurement	
Voltage	3.3 V DC
Current	0.55 mA*
Number of Inputs	4
Mode of Commissioning	S-Mode
Type of Protection	IP 20
Temperature Range	Operation (-5°C...45°C)
	Storage (-25°C...60°C)
Colour	Light Grey
Dimensions	40 x 10 x 40 mm (W x L x H)
Configuration	Configuration with ETS

*: Value with Clipsal mechs 5031 connected

DESCRIPTION

ITR5031-AU4 Push Button Interface Australia (AU) device 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
- LED Control
- RGB Colour Control
- RGBW Control
- Mode Selection
- Command Sequence

Logic Functions

Internal Inputs (max. 4)

External Inputs

- Binary Value
  (adj. size) (max. 3 selectable)
- Movement
- Brightness

Output Types (max. 4 selectable)

- Switch
- Dim
- Shutter
- Alarm
- Percentage
- Sequence
- Scene Number
- String
- Threshold

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
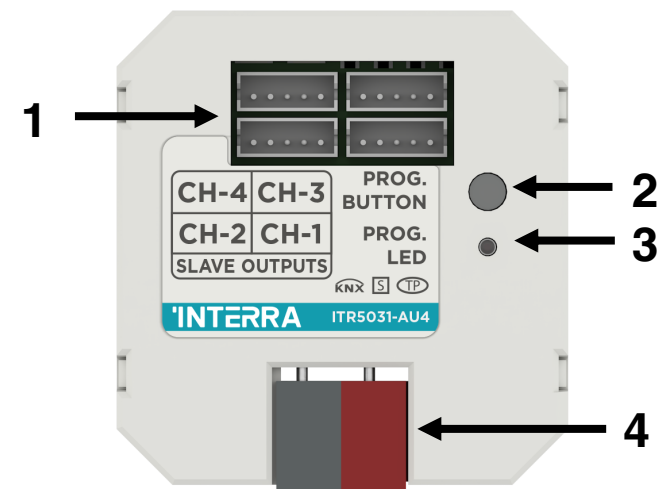
1. Inputs
   - Each channel contains one input and one output
2. Physical Addressing Button
   - This button is used to give a physical address to devices and to verify the bus presence.

3. LED Indication
   - Red: Device status as physical addressing and the presence of KNX.

4. KNX Bus Connection