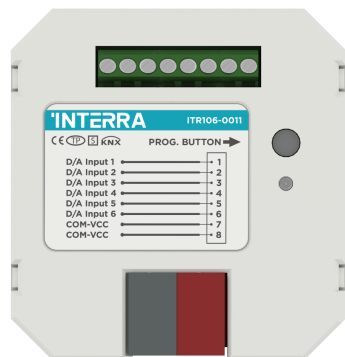


6 Binary/Analog Input Module with 6 Thermostat



Product Code	ITR106-0011
Power Supply	KNX Power Supply
Current Consumption	4 mA
Number of Inputs	6 Channels
	6 Binary/Analog Input
Cable Length	Maximum 10 m at 0.8 mm ²
Cable Cross-Section	0.25 – 1.0 mm ²
Cable Stripping	5 mm
Mounting Type	In-wall Mounted
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	40 x 10 x 40 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. The thermostat feature can be utilized with an internal or external temperature.

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. 6) | Output Types (max. 5 selectable) |
| External Inputs | • Switch |
| • Binary Value | • Dim |
| (adj. size) (max. 3 selectable) | • Shutter |
| • Movement | • Alarm |
| • Temperature | • Sequence |
| • Brightness | • 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”.

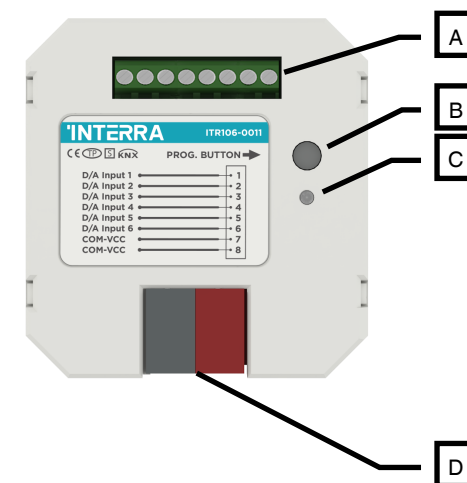
- Room temperature regulation can be done with 2 – Points (Hysteresis), PWM or Continuous PI control options.
- Operating modes: comfort, standby, economy and protection.
- External – internal temperature, (measured, setpoint, outdoor values as °C and °F), operating mode, settings, air quality index, fan control, humidity, and on/ off features are controlled.



The table below lists the Temperature Probe compatible with our product. The Temperature Probe is not supplied with the product and customers must order this probe separately.

Product Code	HM001718
Description	Thermistor NTC 10K 5%
Cable Cross-section	24 AWG
Cable Length	1.5 m
Pin Count	2

CONNECTION DIAGRAM



Letter	Feature
A	Input
B	Programming Button
C	Programming LED
D	KNX Connector