Gira One and KNX: Button interfaces Standard
Button interface, 8-gang Standard for Gira One and KNX

Specification	Order No.	Packing unit	£/piece without VAT	PS	EAN
	5188 00	1/5	90.00	06	4010337110170

Features

Function in the Gira One system

- The inputs are used to control Gira One actuators or to record status information.
- Encrypted data transfer between the Gira One devices.

Binary inputs

- Single and double-surface operation can be configured for rocker buttons.
- Convenient group control of switching, dimming, shading and ventilation devices.
- Door contact query and visualisation in the Smart Home App: An open door results in the raising and locking of the blind or shutter.
- Switching contact display to show contact status in the Smart Home app.

Function in the Gira KNX system

- According to the variant, two, four or eight independent channels that operate as inputs or as outputs depending on the ETS parameterisation.
- Common reference potential for all channels.
- Outputs: Connection of LED. Short-circuit-proof, protected against overload and polarity reversal. Parallel switching of outputs possible, for consumers with higher current requirements.
- Inputs: Pulse current to prevent contact contamination due to formation of an oxide layer on the connected contacts.
- Channels can be activated and deactivated individually.

Possible parameterisation depending on the selected channel function

- Contact type can be set.
- Switching: Command when pressed and/or released can be set (No reaction; Switch on; Switch off; Switch over).

- Forced setting: Command when pressed and/or released can be set (No reaction; Forced active, Switch on; Forced active, Switch off; Forced inactive).
- Dimming and colour temperature: The command when pressed, time between switching and dimming, dimming in different steps, telegram repetition if pressed for a long time and sending of a stop telegram at the end of pressing can be set.
- Blind/shutter/awning/roof window: Command when pressed and command sequence can be set.
- Value transmitter: Data point type, value range and value can be set. As an option, the value adjustment can be activated by pressing and holding the button.
- Scene auxiliary unit: Scene number can be retrieved or switched by briefly pressing the button. If the button is pressed and held, the memory function is executed as an option.
- Short and long button press: Up to two telegrams can be sent to the KNX by pressing a button. The transmission behaviour can be set and the time for short and long actuation can be adjusted. The mode of operation of the channels can be set separately.
- Room temperature controller operating point: The mode of operation (operating mode switch-over, forced operating mode switch-over, presence function and setpoint temperature shift) can be set.
- Behaviour after bus voltage recovery can be set.
- Disable function can be set.
- Cyclic transmission can be set.

Technical data

Number of inputs:	8
Dimensions (LxWxH):	43.5 x 35.5 x 15.4 mm
KNX current consumption:	4 to 12 mA
KNX:	Connection and junction terminal
Input cable:	2x 5-wire cable set
KNX medium:	TP256
Output voltage:	DC 3.3 V SELV
Output current per channel:	3,3 mA
Length cable set:	25 cm, can be extended to max. 10 m
Protection class:	IP20
Protection class:	III
Ambient temperature:	-5 °C to +45 °C

Scope of supply

- Connection and junction terminal for KNX
- 2x 5-wire cable set
