

# Gira button interfaces for Gira One.



Easily integrate more functions.

The button interfaces enable the integration of conventional products with zero-voltage contacts into the Gira One system. These include, for example, conventional buttons and switches for manual actuation and reed contacts for assessing window status. The button interfaces for Gira One are available in 2-gang, 4-gang or 8-gang variants and offer a comprehensive range of functions.

Item overview in the Gira online catalogue.

[link.gira.com/button-interfaces-giraone](https://link.gira.com/button-interfaces-giraone)



Compatible with  
KNX Secure.

**One**

Compatible with  
Gira One.



Gira button interfaces for Gira One – highlights, facts and benefits:

Inputs: connection of zero-voltage contacts (such as buttons, switches, reed contacts or smoke alarm devices).

Inputs are used to control Gira One actuators or to record status information.

Pulse current to prevent dirt (formation of an oxide layer) on the connected contacts.

Common reference potential for all channels.

Connection cables with core jackets to simplify installation.

Three product versions (2-gang, 4-gang and 8-gang).

## Inputs

Connection of zero-voltage contacts such as buttons, switches and reed contacts.

Automatic oxide layer removal on the connected contacts of buttons, switches and reed contacts.

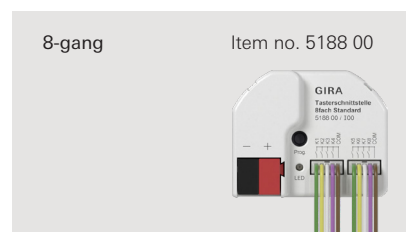
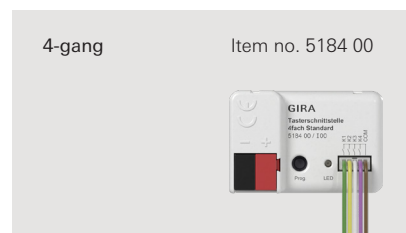
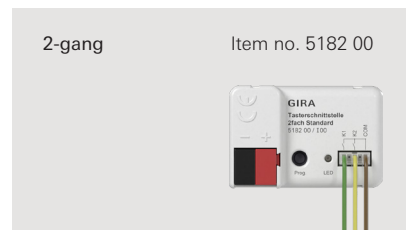
Operating functions: switching, dimming, blind or scene control.

## Function overview of the button interfaces for Gira One

The following functions can be realised with the button interfaces for Gira One – each is illustrated with an example trigger:

	Example trigger	Button interfaces for Gira One
<b>Switching</b>		✓
Standard (ON/OFF)	Rocker switch/ rocker button	✓
Configurable (Behaviour when pressing and releasing can be set individually)	Rocker switch/ rocker button	✓
<b>Dimming</b>		✓
Single-surface operation	Rocker button	✓
Double-surface operation	Rocker button	
<b>Shading and ventilation</b>		✓
Single-surface operation	Rocker button	✓
Double-surface operation	Rocker button	
<b>Scene</b>		✓
Single-surface operation (calling up individual scenes)	Rocker button	✓
Double-surface operation (switching between two scene variants of a scene device)	Rocker button	✓
<b>Staircase</b>	Rocker button	✓
<b>Frost alarm</b>	Temperature sensor	✓
<b>Rain alarm</b>	Rain sensor	✓
<b>Wind alarm</b>	Wind sensor	✓
<b>Sun protection</b>	Brightness sensor	✓
<b>Switching between heating and cooling</b>	Heat pump	✓
<b>Door contact</b>	Reed contact	✓
<b>Window contact</b>	Reed contact	✓
<b>Floor call (G1)</b>	Rocker button	✓
<b>Garage door</b>	Rocker button	✓
<b>Door opener</b>	Rocker button	✓

## Technical data



Number of channels	2/4/8
Output voltage	DC 3.3 V SELV
Output current per channel	Max. 3.3 mA
LED current per output	1.6 mA
Supply voltage	Gira One Bus
Current consumption	7 mA/9 mA/12 mA
Pulse current to prevent contacts becoming dirty	✓
Connection type	Connection terminal
Cable set length	25 cm, can be extended to max. 10 m
Dimensions in mm	L 43.0 W 28.5 H 15.4 L 43.5 W 35.5 H 15.4
Ambient temperature	-5°C to +45°C
Protection type/ protection class	IP20 / III
Installation type	Flush-mounted
Gira One Medium	Twisted pair (TP), YCYM 2 x 2 x 0.8
Gira Project Assistant (GPA)	from 5.2