

GEWISS GW10677 Modules with 1 Auxiliary Axial Command User Manual

[Home](#) » [GEWISS](#) » GEWISS GW10677 Modules with 1 Auxiliary Axial Command User Manual 

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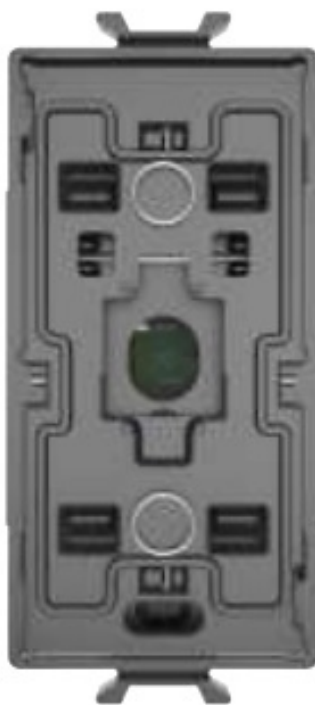
GW10677 Modules with 1 Auxiliary Axial Command
User Manual



Contents

- [1 GW10677 Modules with 1 Auxiliary Axial Command](#)
- [2 PACK CONTENTS](#)
- [3 GENERAL INFORMATION](#)
- [4 FUNCTIONS](#)
- [5 ASSEMBLY](#)
- [6 MAINTENANCE](#)
- [7 TECHNICAL DATA](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)

GW10677 Modules with 1 Auxiliary Axial Command



GW10677



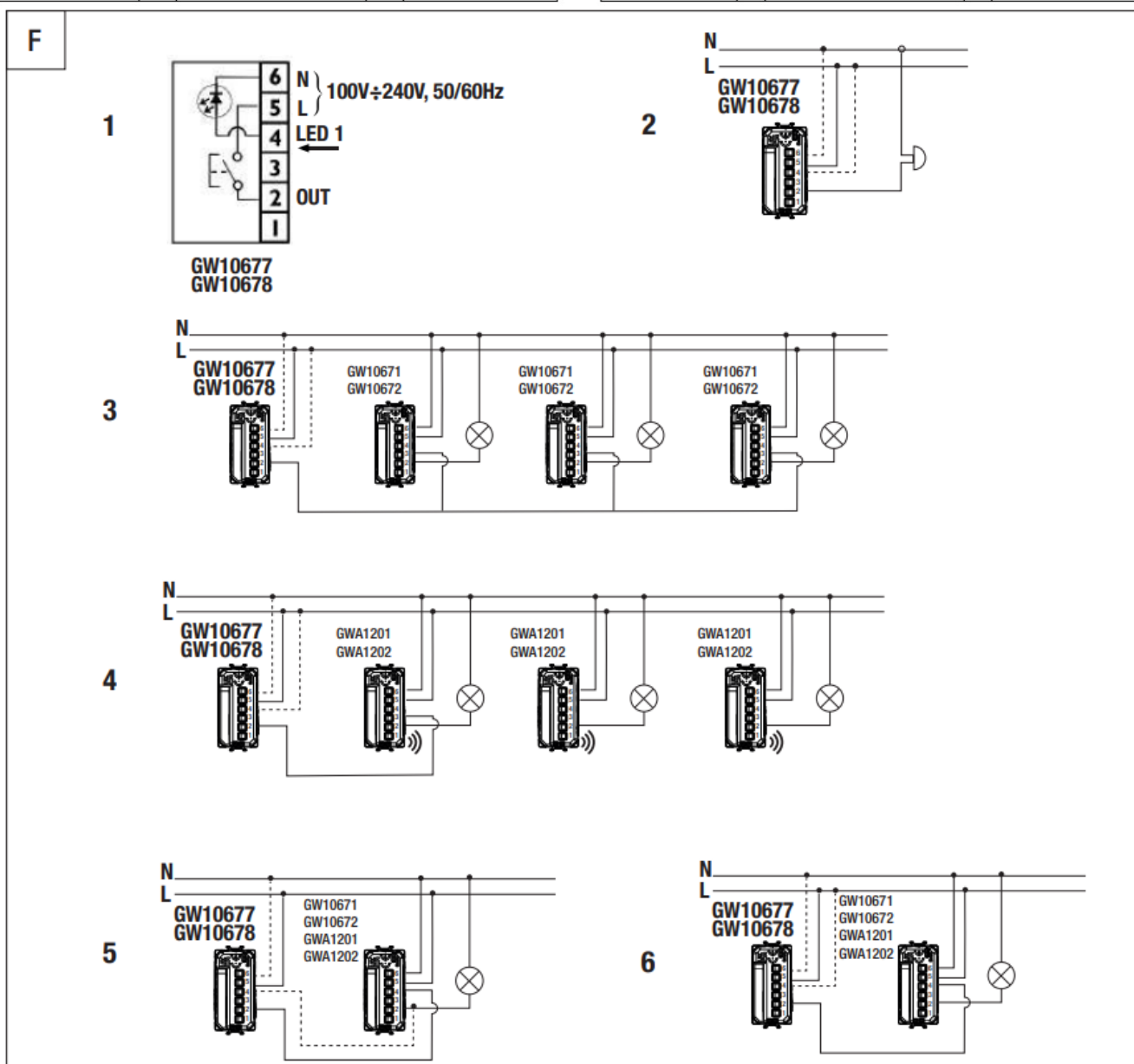
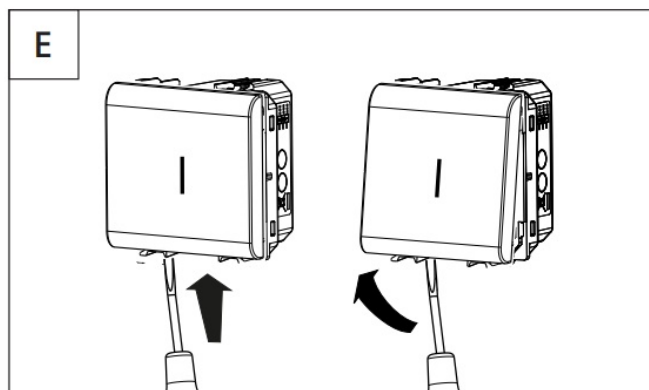
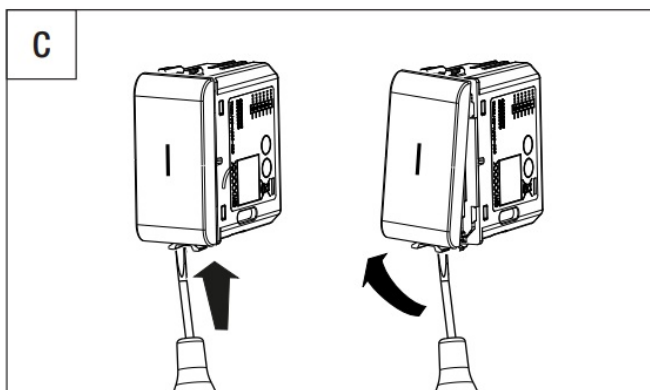
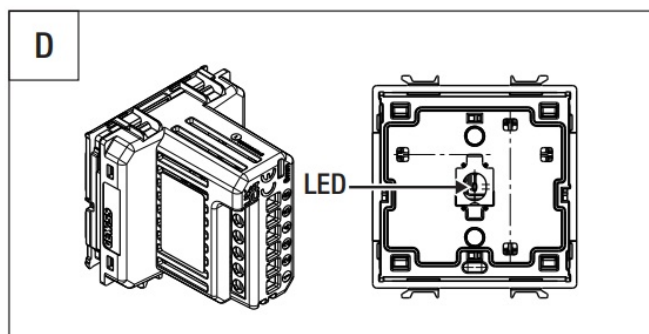
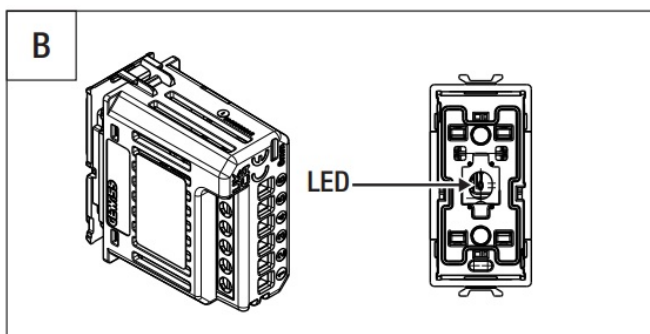
GW10678



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- The safety of the device is only guaranteed if the safety and usage instructions are respected, so keep them handy. Make sure these instructions are received by the installer and end user.
- This product must only be used for the purpose for which it was designed. Any other form of use should be

considered improper and/or dangerous. If you have any doubts, contact the GEWISS SAT technical support service.

– The product must not be modified. Any modification will annul the warranty and may make the product dangerous.

– The manufacturer cannot be held liable for any damage if the product is improperly or incorrectly used or tampered with.

Contact point indicated for the purpose of fulfilling the applicable EU directives and regulations:

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Tel.: +39 035 946 111 – qualitymarks@gewiss.com



ATTENTION: disconnect the mains voltage before installing the device or carrying out any work on it.



If the crossed-out bin symbol appears on the equipment or packaging, this means the product must not be included with other general waste at the end of its working life. The user must take the worn product to a sorted waste centre, or return it to the retailer when purchasing a new one. Products ready for disposal and measuring less than 25 cm can be consigned free of charge to dealers whose sales area covers at least 400m², without any purchase obligation. An efficient sorted waste collection for the environmentally friendly disposal of the used device, or its subsequent recycling, helps avoid the potential negative effects on the environment and people's health, and encourages the re-use and/or recycling of the construction materials. GEWISS actively takes part in operations that sustain the correct salvaging and re-use or recycling of electric and electronic equipment.

PACK CONTENTS

1 Module with 1 auxiliary axial command

1 Installation manual (for the complete version of the installation and user manual, scan the QR code).

GENERAL INFORMATION

Flush-mounting device with front push-button with axial activation.

This product can be used in combination with the auxiliary wired inputs of the following devices of the Chorusmart range: connected commands (two-way switch modules GWA1201 and GWA1202, dimmer modules GWA1221 and GWA1222, roller shutter modules GWA1231 and GWA1232, 2-command modules GWA1241 and GWA1242), connected 1- channel On/Off actuator (GW1x826), connected movement sensors (GW1x856); EVO commands (one-way switch modules GW10671 and GW10672, dimmer modules GW10673 and GW10674, roller shutter modules GW10675 and GW10676); or as a wired command for a connected 2-channel ZigBee interface (GWA1502).

The module with 1 auxiliary axial command can also be used to directly command small resistive or weakly inductive loads such as ringers and buzzers (max. 10VA); in this case, the front LEDs can be used in localisation mode only. Depending on the wiring, it can be used as either a local command (e.g. additional local command) or a centralised command.

NOTES: The device must be completed with one of the two types of front button key available: GW10677 must be completed with GW1x551S (GW105xxA lens not included) or GW1x555S button key; GW10678 must be completed with GW1x552S (GW105xxA lenses not included) or GW1x556S button key.

FUNCTIONS

Front LED

The device has a blue front LED (Fig. B – D), with 3 functions:

- OFF: LED always disabled
- Localisation: LED always enabled
- Load status: LED enabled when the load is ON

The LED functions are activated on the basis of the wiring on the LED terminal connection:

- in OFF mode, the LED is always disabled. Terminals N and LED are not connected (dotted lines in the diagrams Fig. F)
- in Localisation mode, the LED is always enabled. Terminals N and LED are connected to neutral “N” and phase “L” respectively
- in Load Status mode, the LED indicates the status of the load. Terminal N must be connected to neutral “N” and the LED terminal must be connected to the return line of the load controlled (example diagram in Fig. F5)

No..... DESCRIPTION OF THE CONNECTION EXAMPLES IN FIG. F

2. Module with 1 auxiliary axial command with wired LED for the Localisation function, and connected for the direct command of a 230V AC ringer.
3. Module with 1 auxiliary axial command with wired LED for the Localisation function, and connected – as a centralised OFF command – to 3 EVO axial one-way switches
4. Module with 1 auxiliary axial command with wired LED for the Localisation function, and connected to a system with connected axial two-way switches.
4. Just wire the auxiliary module to a single connected device to generate a multiple command via the ZigBee network.
5. Module with 1 auxiliary axial command with wired LED for the Load Status function, and connected as a local command for an axial command (connected or EVO).
6. Module with 1 auxiliary axial command with wired LED for the Localisation function, and connected as a local command for an axial command (connected or EVO).

Output contact

The device implements commands via an NO output; the implementation is of the momentary type (push-button function).

When the axial button key is pressed, the output contact assumes the ON status; it returns to OFF when the key is released.

ASSEMBLY



ATTENTION: the following operations must only be carried out when the system is not powered!



ATTENTION: to remove the front button keys, refer to Fig. C – E. Apply a lever only in the points indicated; levering in any other points may cause irreparable damage to the device!

Refer to the connection diagrams in Fig. F1.

The terminals are numbered, and the device must be wired in the following way (Fig. F1):

1. Not connected
2. NO output (OUT)
3. Not connected
4. LED input (100÷240V AC, 50/60Hz)
5. Power supply phase
6. Power supply neutral

NB: centralisation command (wired): max 20 implementation devices.

MAINTENANCE

This device is designed in such a way that it requires no particular maintenance. If you want to clean it, use a dry cloth.

TECHNICAL DATA

Power supply	100 ÷ 240V AC, 50 / 60 Hz
LED inputs	1
LED power	0.4 W
No. of Chorusmart modules	GW10677: 1
	GW10678: 2
Output contact	1A AC1 (240V AC)
Visualisation elements	Blue LED
Terminals	Screwed, max section 1.5 mm²
Usage environment	Dry indoor places
Operating temperature	-5°C ÷ +45°C
Storage temperature	-25°C ÷ +70°C
Relative humidity (non-condensative)	Max. 93%
Degree of protection	IP20 (with button key installed)
Reference Standards	Low Voltage Directive 2014/35/EU (LVD)
	RoHS Directive 2011/65/EU + 2015/863
	EN IEC 63000
	EN 60669-1

Contact details according to the relevant European Directives and Regulations:

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According to applicable UK regulations, the company responsible for placing the goods in UK market is:

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GW10677, GW10678, GW10671, GW10672, GWA1201, GWA1202, GW10677 Modules with 1
Auxiliary Axial Command, GW10677, Modules with 1 Auxiliary Axial Command, Modules

References

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