

Remax BLE – User manual

Foreword

- The Remax BLE **universal** relay can operate your 230V loads.
- To configure the relay, it is necessary to have an external pushbutton connected.
- The module must have its own power supply (Phase, Neutral)
- It can be used with the pushbutton and/or the Dmax app.
- The relay can be mainly used with the following modes: follower, trip switch or monostable.

Wiring and configuration of the relay

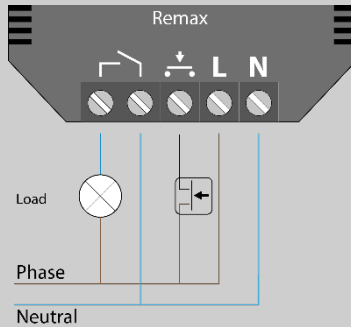
These steps must be carefully followed:

1. Plug the relay according to the hereby enclosed diagram (cut off the 230V with the circuit breaker first). The wiring is done via the screw terminal.
2. The different modes of the relay can be selected with the Dmax application available for free on Google Play or the Apple App Store. After reconnecting the 230V, do a scan and follow the authentication procedure to add the corresponding Remax. Go to settings to edit the operating modes. For further details about the app, see the user instructions at www.dmaxbydomintell.com.



3. Connect the output and validate it commutes correctly (the ex-factory setting of the relay allows commuting the output via a short push and maintaining the state via a long push).

- **The relay does not commute correctly (irregularly or not at all)?** Carefully read the tutorial available on the website.



4. Now adjust the relay performance from the Dmax by Domintell app.

In case you have a question, see the detailed version at www.dmaxbydomintell.com or contact your supplier.

Technical data

Item number	Type	Contact maximum intensity	Dimension
5425014390285	BLE Relay	230 V 16A (R) 230V 8A (cos φ = 0,4) 30VDC 10A	48 x 46 x 18

- Nominal conditions: 230V AC +/- 15%, 50 Hz, Ambient temperature: -10°C to 40°C.
- Maximum wiring section per contact = 2,5 mm².
- Maximum tightening torque: 0,4 N.m (use a dynamometric screwdriver).
- 1 self-resettable protection: against overcurrent and temporary overheating
- IP20 protection level

Safety and environment

- Without halogen, RoHS.
- Storage conditions: Temperature: -25°C / +70°C, Relative humidity: < 75%.
- For a safe installation, the device can only be mounted by a qualified electrician.
- The device must not be opened in any case (cancels warranty).
- The device can only be installed inside, in a dry place, compatible with IP20 devices.
- During the routing and unmounting of the device, cut off the 230V circuit-breaker.
- The screws of the connectors of the device are unscrewed at delivery and must be properly screwed before use.
- After installation, the screws of the connector must be protected so that could not be accessible for the final user.

Pushbutton control

For a LONG PUSH (>0,4s) on the button: the relay turns on and keeps its output ON as long as the button is pressed. The relay turns off when the button is released.

For a SHORT PUSH (<0,4s) on the button: the relay commutes its output state, if it was off, it turns on and vice-versa.

Directives and norms

The Remax complies with the following directives and standards:

Directives

EC-directive: 2014/40/UE

LV-directive: 2014/35/UE

Norm

EN 60669-2-1: 2004 + A1: 2009 +A12: 2010

Remax BLE
Is manufactured in Belgium by:
Domintell S.A.
dmaxbydomintell.com

