Blindmax BLE – User manual

Foreword

- The Blindmax module is able to supply power to bidirectional command devices such as electrovans, motors, motorized shutters,… controlled with 3 wires.

- In order to configure the Blindmax, it is required to have one or two external pushbuttons connected. It can be mounted behind an already existing switch.

- The module must have its own power supply (Phase, Neutral).

- It can be used with the pushbutton and/or the Dmax app.

- It can usually be used with the following modes: follower or trip switch.

Wiring and configuration of the Blindmax

These steps must be carefully followed:

1. Plug the Blindmax 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 Blindmax 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 carefully the full authentication procedure to add the corresponding Blindmax. Go to settings to edit the operating modes. For further details about the app, see the user instructions available at

   www.dmaxbydomintell.com

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

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

4. Now adjust the Blindmax 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	Dimensions
5425014390308	BLINDMAX BLE	2 x 5A max 250VAC or 30VDC max	48 x 46 x 18 (mm)

- 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 mounting 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 one of the two buttons: the motor turns on and the Blindmax maintains its output ON as long as the button is hold. The motor turns off when the button is released.

For a SHORT PUSH (<0,4s) on the button: The Blindmax commutes its output state, if it was OFF, it turns ON and vice-versa. The motor remains ON for a time defined by the user through the app.

The user can also choose using only a single button which he configures through the app. With a short push, the motor goes one way. On the next push, the motor goes the other way. For a long push, the motor goes one way as long as the button is pressed. On the next long push, the motor goes the other way.

Directives and norms

The Blindmax complies with the following directives and standards:

Directives
EC-directive : 2014/40/UE
LV-directive : 2014/35/UE
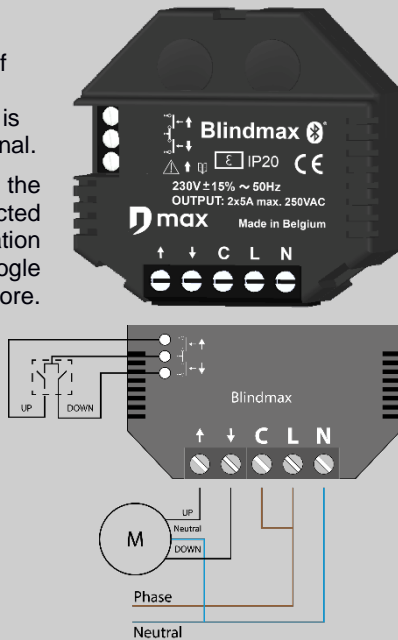**Norm**
EN 60669-2-1 : 2004 + A1: 2009 +A12: 2010

Blindmax BLE
is manufactured in Belgium by:
Domintell S.A.
dmaxbydomintell.com