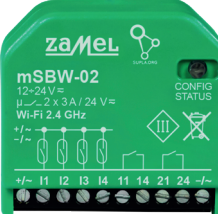




GB

USER MANUAL



2-channel Wi-Fi gate controller

supla mSBW-02

1. BEFORE STARTING

PRODUCT DESCRIPTION:

The gate controller enables integration with any gate drive and walk gate and enables remote control of a gate by means of the Supla mobile app. The device can be mounted directly in the gate. Owing to universal 12-24 V power supply it can be used in many applications. When the signals from the limit switches are connected to the input of the controller we receive information about opening and closing of the gate / walk gate.

FEATURES:

- Wireless control of the gate drive and walk gate using Wi-Fi technology.
- Universal inputs controlled by the supply potential.
- Two independent NO relay outputs.
- The state of the gate can be monitored by means of checking the state of limit switches.
- The controller can be controlled by the Supla mobile app from anywhere in the world.
- 12-24 V = power supply for the controller.

LED LIGHTING MODES

1. The STATUS LED flashes twice at regular intervals.
• The device is connected to power supply.
2. The STATUS LED flashes rapidly.
• The device is in configuration mode.
3. The STATUS LED flashes slowly at regular intervals.
• The device is configured and is connecting to the cloud.
4. The STATUS LED is constantly shining.
• The device is connected to the cloud via Wi-Fi.
5. The STATUS LED flashes very rapidly at irregular intervals.
• Device software update.

2. OSTRZEŻENIE

Urządzenie należy podłączyć do zasilania zgodnie z obowiązującymi normami. Sposób podłączenia określono w niniejszej instrukcji. **Czynności związane z instalacją, podłączeniem i regulacją powinny być wykonywane przez wykwalifikowanych elektryków, którzy zapoznali się z instrukcją obsługi i funkcjami urządzenia.** Demontaż obudowy powoduje utratę gwarancji oraz stwarza niebezpieczeństwo porażenia prątem. Przed rozpoczęciem instalacji należy upewnić się, czy na przewodach przyłączeniowych nie występuje napięcie. Na poprawne działanie ma wpływ sposób transportu, magazynowania i użytkowania urządzenia. Instalacja urządzenia jest niewskazana w następujących przypadkach: brak elementów składowych, uszkodzenie urządzenia lub jego deformacje. W przypadku nieprawidłowego funkcjonowania należy zwrócić się do producenta.

- CECHY:**
- bezprzewodowe sterowanie napędem bramy oraz furtki wykorzystujące technologię Wi-Fi,
 - uniwersalne wejścia sterowania potencjałem zasilania,
 - dwa niezależne wyjścia przełącznikowe NO,
 - możliwość śledzenia stanu bramy poprzez badanie stanu wyjściowych krańcówczych,
 - możliwość kontroli sterownika poprzez aplikację mobilną Supla z dowolnego miejsca na świecie,
 - zasilanie sterownika 12-24 V =.

2. WARNINHINWEIS

Das Gerät ist an das Stromversorgungsnetz unter Berücksichtigung geltender Normen anzuschließen. Die Anschlussschemata sind in dieser Anleitung beschrieben. **Installation, Anschluss und Einstellung dürfen nur von qualifizierten Elektrikern durchgeführt werden, die sich mit der Betriebsanleitung und den Funktionen des Gerätes vertraut gemacht haben.** Die Demontage des Gehäuses hängt mit Garantieverlust zusammen und droht mit einem Stromschlag. Vor Beginn der Installation ist sicherzustellen, dass die Anschlussleitungen elektrischer Kontakte durchgeföhrt werden, die sich mit der Betriebsanleitung und den Funktionen des Gerätes vertraut gemacht haben. Die Demontage des Gehäuses hängt mit Garantieverlust zusammen und droht mit einem Stromschlag. Vor Beginn der Installation ist sicherzustellen, dass die Anschlussleitungen elektrischer Kontakte durchgeföhrt werden, die sich mit der Betriebsanleitung und den Funktionen des Gerätes vertraut gemacht haben. Die Demontage des Gehäuses hängt mit Garantieverlust zusammen und droht mit einem Stromschlag. Vor Beginn der Installation ist sicherzustellen, dass die Anschlussleitungen elektrischer Kontakte durchgeföhrt werden, die sich mit der Betriebsanleitung und den Funktionen des Gerätes vertraut gemacht haben.

Hiermit erklärt ZAMEL Sp. z o.o., dass der Typ vom Funk-Modul mSBW-02 2014/53/EU entspricht. Die vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: www.zamel.com.

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 - możliwość kontroli sterownika poprzez aplikację mobilną Supla z dowolnego miejsca na świecie,
 - zasilanie sterownika 12-24 V =.

2. ADVERTENCIA

El equipo se debe conectar a la alimentación de acuerdo con las normas pertinentes en vigor. El modo de conexión se ha definido en el presente manual. **Las actividades relacionadas con la instalación, la conexión y el ajuste deberán ser realizadas por electricistas cualificados que hayan leído el manual de instrucciones y conozcan las funcionalidades del equipo.** El desmontaje de la carcasa se traduce en la pérdida de la garantía y puede dar lugar al peligro de choque eléctrico. Antes de comenzar el proceso de instalación, es importante asegurarse de que los cables de conexión estén libres de tensión. El modo de transporte, almacenamiento y uso del equipo afectan su funcionamiento correcto. No se recomienda la instalación del equipo en los siguientes casos: falta de componentes, deterioro o deformación del equipo. En caso de funcionamiento defectuoso se debe contactar al fabricante.

- Por la presente ZAMEL Sp. z o.o. hace constar que el tipo de equipo de radio mSBW-02 cumple los requisitos de la directiva 2014/53/EU. El texto completo de la declaración de conformidad UE se puede consultar en la siguiente página web: www.zamel.com.
- NOTA:** Este dispositivo no debería usarse con otros dispositivos para este uso en el mismo ambiente y a la misma hora. El dispositivo genera ondas electromagnéticas que los lugares designados para la instalación de este tipo de equipo pueden tener un nivel de interferencia que puede afectar al funcionamiento del equipo como lo sucede en caso de comprar un nuevo dispositivo.
- CECHY:**
- bezprzewodowe sterowanie napędem bramy oraz furtki wykorzystujące technologię Wi-Fi,
 - uniwersalne wejścia sterowania potencjałem zasilania,
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 - możliwość śledzenia stanu bramy poprzez badanie stanu wyjściowych krańcówczych,
 - możliwość kontroli sterownika poprzez aplikację mobilną Supla z dowolnego miejsca na świecie,
 - zasilanie sterownika 12-24 V =.

2. WARNING!

The device must be connected to power supply in accordance with applicable electrical and safety standards or regulations. See this User Manual for the wiring instructions. **Installation, wiring and setting of this product shall only be done by qualified electrical engineers who have read and understood this User Manual and the product features.** Do not open or otherwise disassemble the product enclosure; otherwise the product warranty will be void and an electrocution hazard may occur. Prior to installing and wiring this product, make sure that the wiring to be connected is not live. The conditions and methods of transport, storage and operation of this product may affect its performance. Do not install the product if any of its components is missing, the product is damaged or deformed in any way. If any malfunctions are found, consult the manufacturer.

ZAMEL Sp. z o.o. hereby declares that the radio-frequency (RF) device type mSBW-02 conforms to Directive 2014/53/EU. See the website below for the full EU Declaration of Conformity: www.zamel.com.

Do not dispose of this device with other waste in order to avoid harmful effects on the environment and human health. The used device should be stored in designated areas. For this purpose, you can dispose of household waste free of charge and in any quantity (in a collection point set up as well as to the shop when you buy new equipment).

8. ADD A DEVICE TO THE CLOUD

The screen below informs that your smartphone wants to connect to the cloud (in the cloud), the application will ask you to enter your Supla Cloud account password to enable device adding. After entering the password, click OK.

If multiple devices are in configuration mode at the same time, a list of them will appear on the screen. Select the one you want to add to your Supla Cloud account.

3. TECHNICAL SPECIFICATIONS

mSBW-02	
Rated supply voltage:	12-24 V =
Rated frequency:	50 Hz
Rated power consumption:	0.8 W
Transmission:	2.4 GHz Wi-Fi (802.11n)
Maximum transmit power:	ERP < 20 mW
Number of inputs:	4
Number of output channels:	2
Relay contact ratings:	2 x NO 3 A / 24 V = (no normal open voltage-free contact)
Number of terminals:	10 (conductor cross-section up to 1.5 mm ²)
Enclosure installation:	gate drive or installation box Ø 60 mm
Operating temperature range:	-20 + 55°C
Enclosure protection rating:	IP20
Dimensions:	40 x 37,5 x 17 mm
Weight:	0.05 kg

9. ENTER YOUR ACCOUNT PASSWORD

If the "adding devices" option is disabled in SUPLA Cloud (in the cloud), the application will ask you to enter your Supla Cloud account password to enable device adding. After entering the password, click OK.

If multiple devices are in configuration mode at the same time, a list of them will appear on the screen. Select the one you want to add to your Supla Cloud account.

3. DANE TECHNICZNE

mSBW-02	
Znamiennowe napięcie zasilania:	12-24 V =
Częstotliwość znamionowa:	50 Hz
Znamiennowa pobór mocy:	0.8 W
Transmisja:	2.4 GHz Wi-Fi (802.11n)
Moc nadawania:	ERP < 20 mW
Ilość wejść:	4
Ilość kanałów wyjściowych:	2
Parametry styków przełącznik:	2 x NO 3 A / 24 V = (tylko zwykły napięciowy)
Liczba zacisków przyłączeniowych:	10 (przekrój o przekroju do 1,5 mm ²)
Mocowanie obudowy:	napęd bramki lub puszka instalacyjna Ø 60 mm
Temperatura zakres pracy:	-20 + 55°C
Stopień ochrony obudowy:	IP20
Wymiary:	40 x 37,5 x 17 mm
Waga:	0.05 kg

3. TECHNISCHE DATEN

mSBW-02	
Nennspannung:	12-24 V =
Versorgungsfrequenz:	50 Hz
Nenn-Leistungsaufnahme:	0.8 W
Übersorgung:	2.4 GHz Wi-Fi (802.11n)
Maximale Sendeleistung:	ERP < 20 mW
Anzahl der Eingänge:	4
Anzahl der Ausgangskanäle:	2
Parameter der Relaiskontakte:	2 x NO 3 A / 24 V = (spannungslos geschaltet)
Anzahl der Anschlussklemmen:	10 (Leitungen mit einem Querschnitt bis 1,5 mm ²)
Aufnahme Gehäuse:	Toranhänger oder Installationsdose Ø 60 mm
Betriebstemperaturbereich:	-20 + 55°C
Schutzart Gehäuse:	IP20
Abmessungen:	40 x 37,5 x 17 mm
Gewicht:	0.05 kg

3. DATOS TÉCNICOS

mSBW-02	
Tensión de alimentación nominal:	12-24 V =
Frecuencia nominal:	50 Hz
Consumo de potencia nominal:	0.8 W
Transmisión:	2.4 GHz Wi-Fi (802.11n)
ERP < 20 mW	
Número de entradas:	4
Número de salidas:	2
Parámetros de los contactos de relé:	2 x NO 3 A / 24 V = (contacto normalmente abierto, libre de potencial)
Número de bornes de conexión:	10 (cables con sección máx. 1,5 mm ²)
Fijación de la carcasa:	Acoplamiento de la puerta o caja de instalación Ø 60mm
Rango de temperatura de trabajo:	-20 + 55°C
Grado de protección de la carcasa:	IP20
Dimensiones:	40 x 37,5 x 17 mm
Peso:	0.05 kg

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CECHY:

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- zasilanie sterownika 12-24 V =.

4. GETTING STARTED IN 5 STEPS

LET'S BEGIN

STEP 1 Install the app

4.1 INSTALL THE SUPLA MOBILE APP



4.2 CREATING A SUPLA ACCOUNT

IF YOU ALREADY HAVE AN ACCOUNT
Enter the e-mail address which you have used to create the account.

2. CREATE AN ACCOUNT
On this page, enter the following data:
• e-mail address,
• password,
• password confirmation.
Confirm all information by tapping "Create an account".

After the device is configured, the status LED will flash twice in regular intervals. In this case the switch-on time of the relay should be set.

Please go to <https://cloud.supla.org/>, log in to Your supla account, and go to: My SUPLA. Then choose the device from the list. A site with details of device will occur. Please choose "Type of relay", here You should choose the switch-on time: 0.5 sec, 1 sec, 2 sec. Then push the button "save changes".

Each changing of settings in configuration mode requires entering the password.

A full reset of the device by holding down the CONFIG button, releasing it and holding it down again will delete the password, requiring you to set a new one on your first attempt at configuration, along with all other settings.

After adding the device to control, the gate should be configured. In this case the switch-on time of the relay should be set.

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A full reset of the device by holding down the CONFIG button, releasing it and holding it down again will delete the password, requiring you to set a new one on your first attempt at configuration, along with all other settings.

After adding the device to control, the gate should be configured. In this case the switch-on time of the relay should be set.

Please go to <https://cloud.supla.org/>, log in to Your supla account, and go to: My SUPLA. Then choose the device from the list. A site with details of device will occur. Please choose "Type of

