

# WF2C 0723 USER MANUAL



2014/35/EU Low voltage Directive(LVD)  
2014/30/EU Electromagnetic Compatibility Directive (EMC)  
2011/65/EU Hazardous Substance Directive (ROHS)



# WF2C 0723



DANGER. This sign draws attention to possible dangers/damages for people



CAREFUL. This sign draws attention to possible dangers/damages for the environment.



CAREFUL. This sign draws attention to possible dangers/damages for the device.

**This device is designed for wireless control via the Internet a various lighting equipment, pumps, fans, ETC. (see technical sheet)**

## **CAREFUL.**

Spare parts and wearable parts that have not been checked together with the installation can influence the operation of the device.

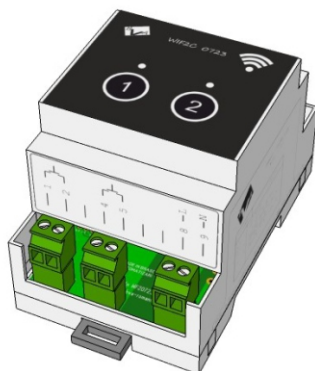
The installation of non-approved components as well as the performance of unauthorized modifications may endanger safety and restrict the provision of warranty services.

In the case of replacing some parts, only original parts supplied by the manufacturer will be used.

## **CAREFUL.**

Do not splash the device or touch its keys with wet or contaminated fingers (solvent oils, etc.).

When taking it out of use, contact the manufacturer to neutralize the product.



# WF2C 0723

## Mounting:

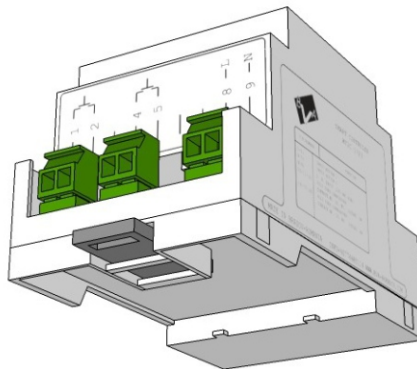
The device is mounted applied using the omega rail (DIN rail) in closed /open pannels, on the wall or in any other place that allows the installation of this device.

The environmental requirements described in the technical sheet will be respected.

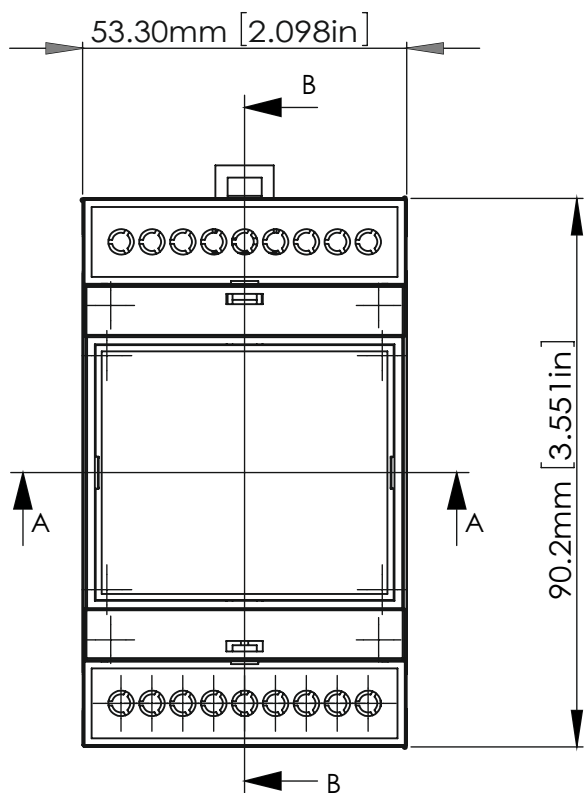
Installation can be done by a person at least qualified in the field of electricity and automation rivers.

The polarity of the 230VAC connections will be taken into account, as well as the polarity at the terminals of the peripherals-  
their.

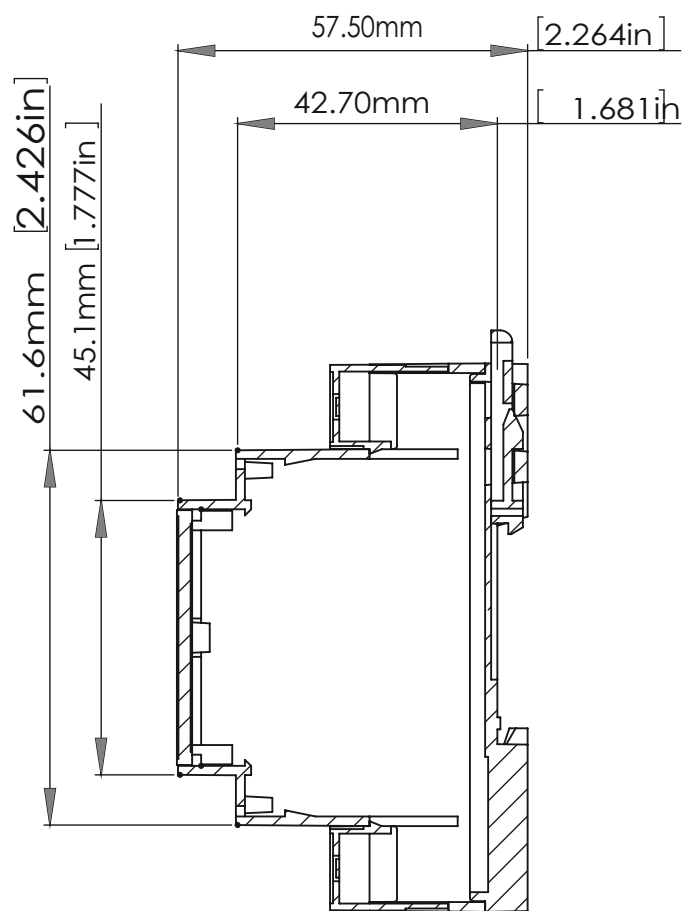
When removing this device from use, we insist that it be recycled or returned the seller/producer for recycling/neutralization.



MV1121

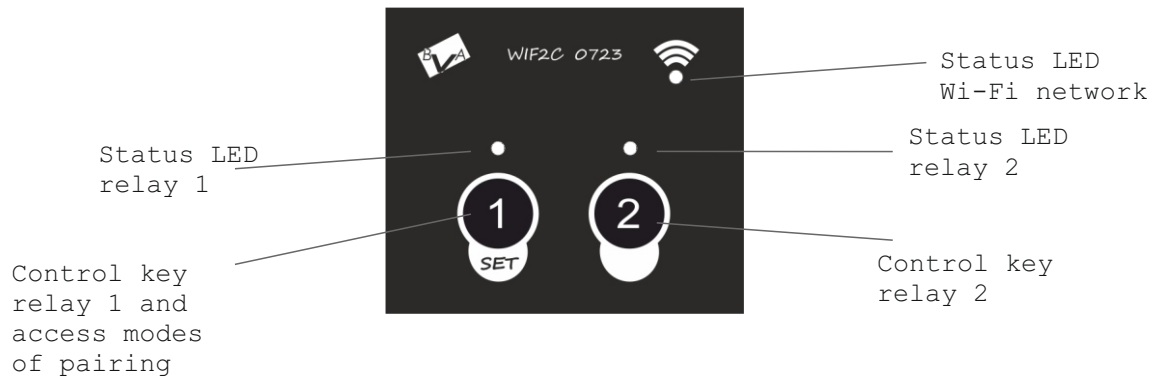


SECTIUNEA A-A  
SCARA 1 : 1



SECTIUNEA B-B  
SCARA 1 : 1

# WF2C 0723 DATA SHEET



Power supply	230 VAC 50-60 Hz.
DIN rail mounting.	
Output	2 channels I <sub>max</sub> 6A potential-free contacts, resistive loads.
Input	2 channels (Button with return).
Capacitive panel keys	
IEEE 802.11b/g/n WiFi communications on 2.4 Ghz.	
Green WiFi LED indicator.	
Green relay LED indicator.	
eWeLink interface	(available on Android/iOS).
Modes of operation self-locking mode,	operation similar to a button with no return button (one press = on, one press = off)
Inching mode,	operation similar to a return button the recovery time being adjustable from 0.5 sec to 59 min (one press = on, after timeout = off)
Timer allows multiple programming	from 0 hours and one minute to 23 hours and 59 minutes
Scheduler allows multiple programming	from 0 hours and one minute to 23 hours and 59 minutes with repetition
Smart scan setting	allows integration in a smart scenario with others BVA, SONOFF, NEXTION devices.
Control sharing	allows you to share control of your device with others users.
Amazon Alexa or Google Assistant voice control.	
Ambient temperature -10°C and +40°C.	
OTA firmware updates.	



# WF2C 0723 DATA SHEET

PSF-B04 firmware  
ESP8285 main chip

Wireless network type STA/AP/STA+AP  
WEP/WPA-PSK/WPA2-PSK encryption mechanism  
Encryption type WEP64/WEP128/TKIP/AES  
OTA firmware update

IEEE 802.11b/g/n wireless standard  
Frequency range 2.412GHz-2.484GHz

Transmission power 802.11b: 20±2dBm (@11Mbps) 802.11g: 17±2dBm (@54Mbps) 802.11n:  
14±2dBm (@HT 20, MCS 7)  
Reception sensitivity 802.11b: -91 dBm (@11 Mbps, CCK) 802.11g: -75 dBm (@54Mbps,  
OFDM) 802.11n: -72 dBm (MCS7)

Antenna type Ceramic antenna

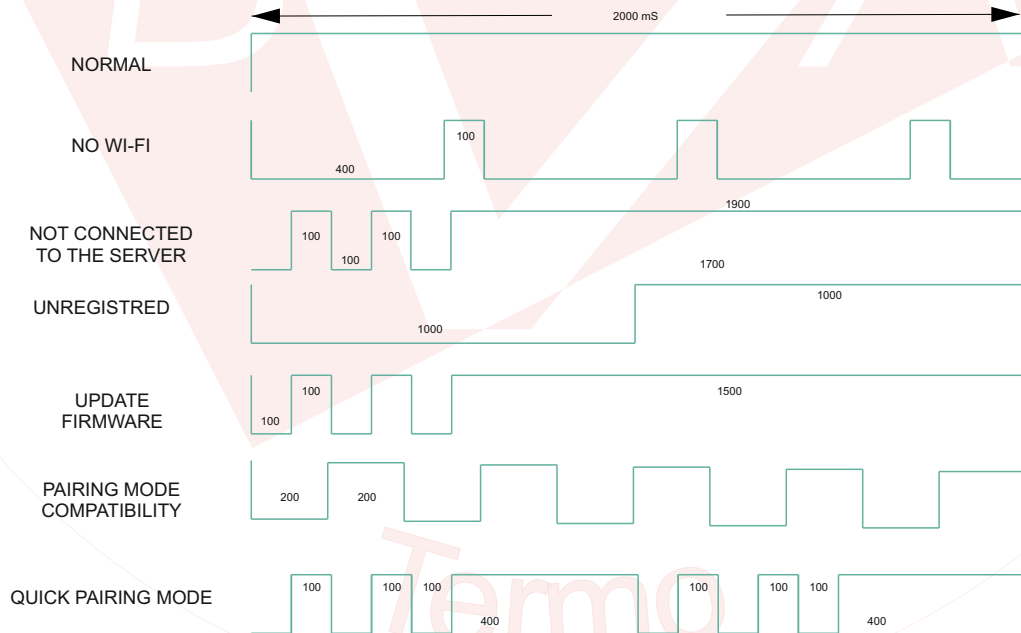
Pairing modes: quick mode / compatibility mode.

Press the "SET" button for at least 7 seconds to enter quick pairing mode.

Press the same button again for another 7 seconds to enter compatibility pairing mode.

The flashing mode of the Wi-Fi status indicator on the device represents the current status of network operation.

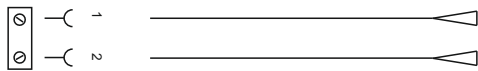
The specific status includes the following seven types (see table 1.):



tabel.1

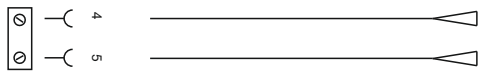
# WF2C 0723

## CONNECTION DIAGRAM



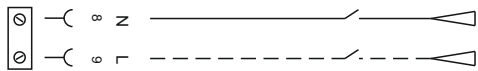
1

1. Inching button input, excluding hold button.



2

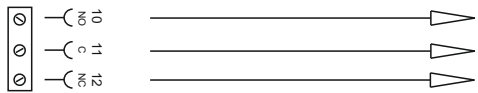
2. Inching button input, excluding hold button.



3

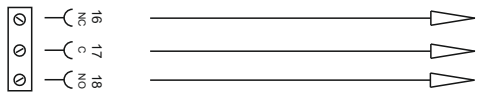
3. Power supply 230 VAC/60 Hz. on/off switch.

4. Canal 1 Free volt changeover contacts NO COM NC, resistive loads I<sub>max</sub> 6A-230VAC, 300VDC.

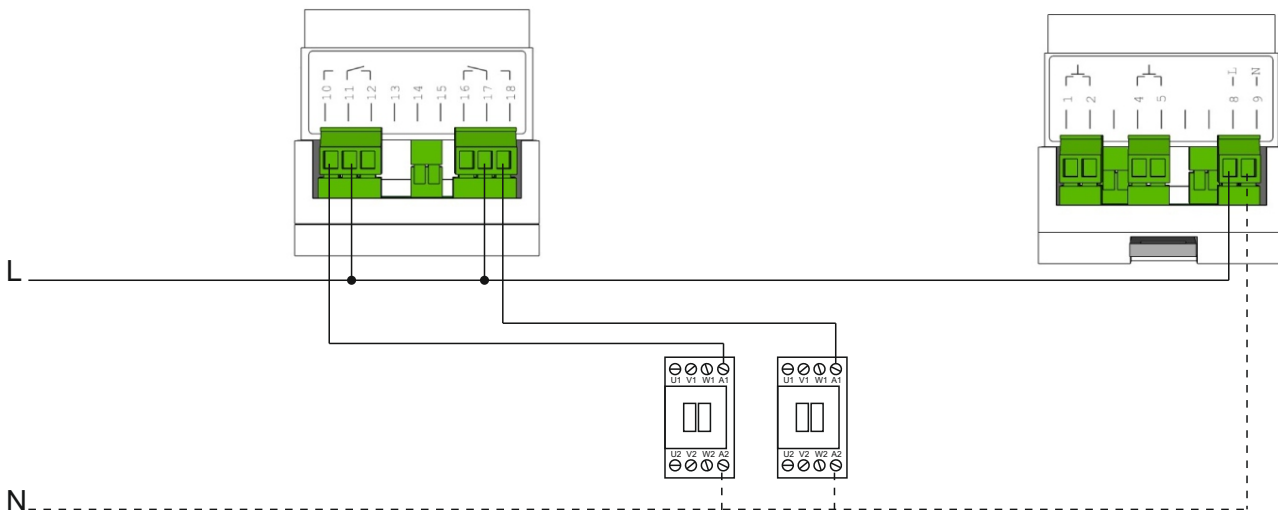


4

5. Canal 2 Potential-free contacts NC COM NO, resistive loads I<sub>max</sub> 6A-230VAC, 300VDC.



5



For resistive loads greater than 6A or for inductive loads, use the WF2C 0723 device together with power contactors suitable for your application as exemplified in the sketch above.

# WF2C 0723

## REGISTRATION OF DEVICES IN THE MOBILE APPLICATION

Scan the attached QR code to download eWeLink.  
Install the app on your smartphone.



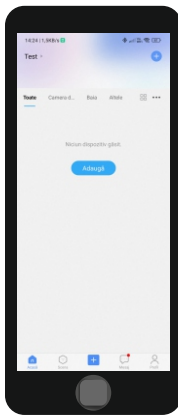
Register a new account if you don't have one already .  
You will need to enter your phone number/email address and a password  
at least 8 characters).  
Enter the SMS verification code to register.  
Updates: Users in Asian countries MUST register  
with a mobile phone number. While users outside the area  
Asians MUST register with an email address.  
Sign in with your account.

### Add devices

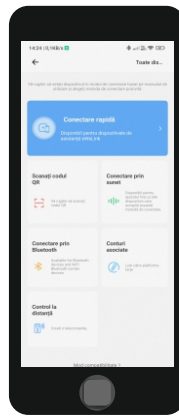
#### eWeLink:

For the Android version, you need to turn on WiFi on your phone before adding a device.

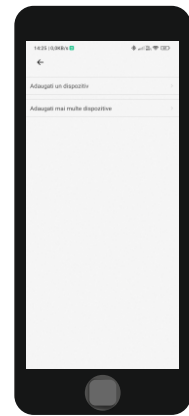
Long press the "SET" button (7 sec) on the WF2C 0723 until the indicator  
Green LED flashes (SEE DATA SHEET).



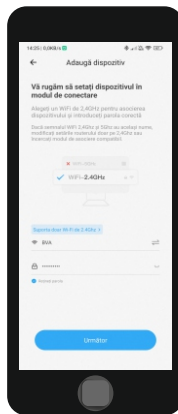
Click the icon  
"Add" or on the plus button.



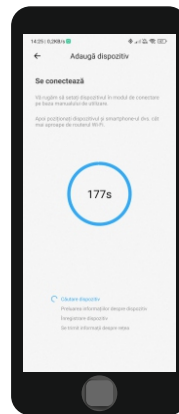
Choose the mode of  
Log in  
"fast" or  
"compatibility".



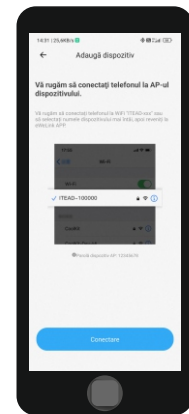
Choose "add a  
device or more".



Enter the SSID and password  
your router and press  
"next".



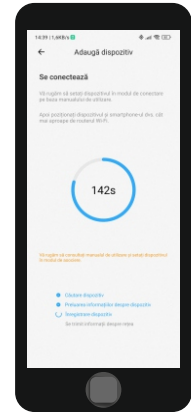
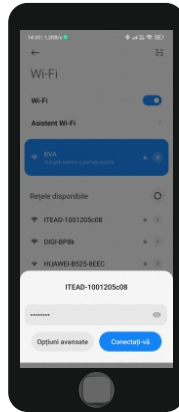
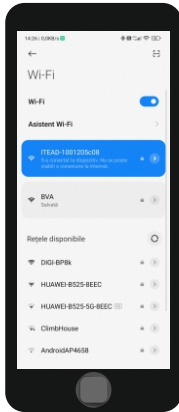
After a few seconds it will ask  
connecting the phone to  
device hotspot.



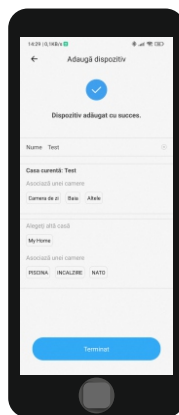


# WF2C 0723

## REGISTRATION OF DEVICES IN THE MOBILE APPLICATION



Connect to the ITEAD-XXXXXXXXX hotspot and enter the password 12345678.



If everything went well, after a few seconds you will be notified about the enrollment of the device in the mobile application and you will be able to continue configuring the device.

A device has only one owner. If you have successfully added a device to your account you will not be able to add this device to another account unless you delete it from the first account.

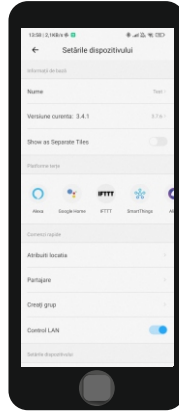
Only the owner of the device can share it with other accounts.

# WF2C 0723

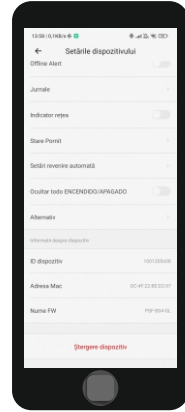
## APK



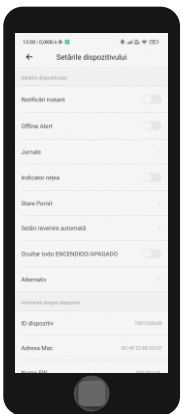
Accessing the new device enrolled in the application, you will have access to the manual commands, but also to automated commands.



Accessing the context menu "the three points" of upper right corner, you will have access to information about device, status, access to third-party platforms, to shortcuts



For deletion device scroll down to the bottom of the page.



Context menu settings:

Instant notifications

choose whether or not to receive notifications from the device.

Offline alert

you will receive a notification when the device is not is connected to the internet.

Logs

you can view the logs (who/when acted device with date and time)

Network indicator

you can disable the network status led.

On status

you can set the device's startup mode after o up to current (retains the last state/on/off).

Inching mode

activation of inching mode. similar operation with a button with automatic return, the return time being adjustable from 0.5 sec at 59 min. (one press = on after the time has elapsed = off).

Hide

"all on/off"

setting allows the user to hide from the start page "all on and all off" buttons.

Alternatively

this function allows the user to use the two channels in alternate mode (one channel on - one channel off).

WF2C 0723



2014/35/EU Low voltage Directive(LVD)  
2014/30/EU Electromagnetic Compatibility Directive (EMC)  
2011/65/EU Hazardous Substance Directive (ROHS)



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# WF2C 0723

## MANUAL DE UTILIZARE



2014/35/EU Low voltage Directive(LVD)  
2014/30/EU Electromagnetic Compatibility Directive (EMC)  
2011/65/EU Hazardous Substance Directive (ROHS)



# WF2C 0723



PERICOL. Acest semn atrage atentia asupra unor posibile pericole/daune pentru persoane



ATENTIE. Acest semn atrage atentia asupra unor posibile pericole/daune pentru mediu.



ATENTIE. Acest semn atrage atentia asupra unor posibile pericole/daune pentru dispozitiv.

**Acest dispozitiv este conceput pentru controlul wireless prin intermediul internetului a diferitor echipamente de iluminat, pompe, ventilatoare, ETC.** (vezi fisa tehnica)

## ATENTIE.

Piese de schimb si piese supuse uzurii care nu au fost verificate impreuna cu instalatia pot influenta functionarea dispozitivului.

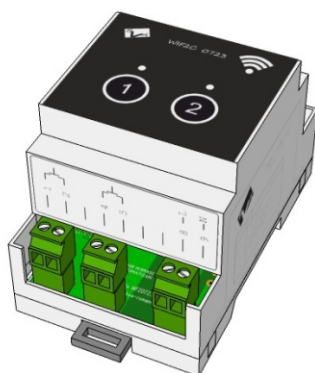
Montajul unor componente neomologate ca si efectuarea unor modificari neautorizate pot periclitiza siguranta si restrange acordarea serviciilor de garantie.

In cazul inlocuirii unor piese, se vor utiliza numai piese originale furnizate de producator.

## ATENTIE.

Nu stropiti dispozitivul si nu atingeti tastele acestuia cu degetele umede ori contaminate cu (uleiuri solventi etc).

La scoaterea din uz adresati-va producatorului pentru a neutraliza produsul.



# WF2C 0723

## Montare:

Dispozitivul se monteaza aplicat cu ajutorul sinei omega (sina DIN) in tablouri inchise / deschise, pe perete ori in orice alt loc care permite montarea acestui dispozitiv.

Se vor respecta cerintele de mediu descrise in fisa tehnica.

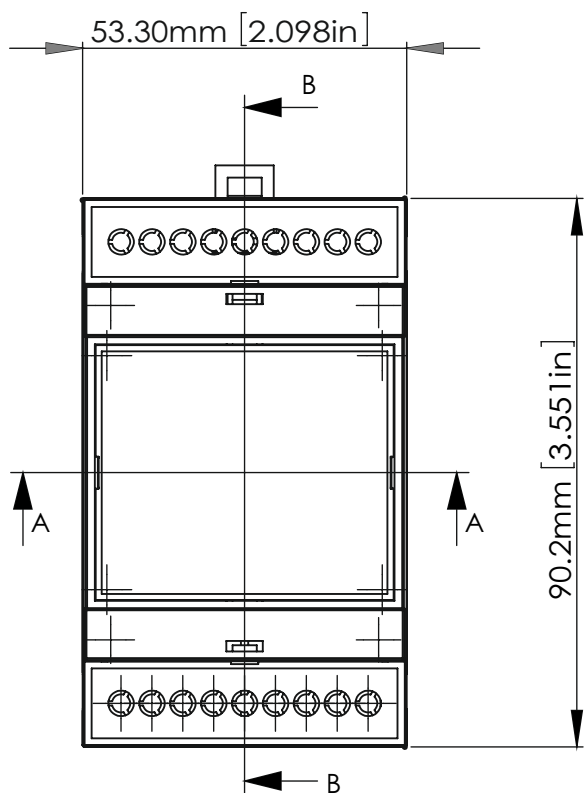
Montajul il poate face o persoana cel putin calificata in domeniul electric si al automatizarii .

Se va tine cont de polaritatea conexiunilor 230VAC cat si polaritatea la borne a perifericilor.

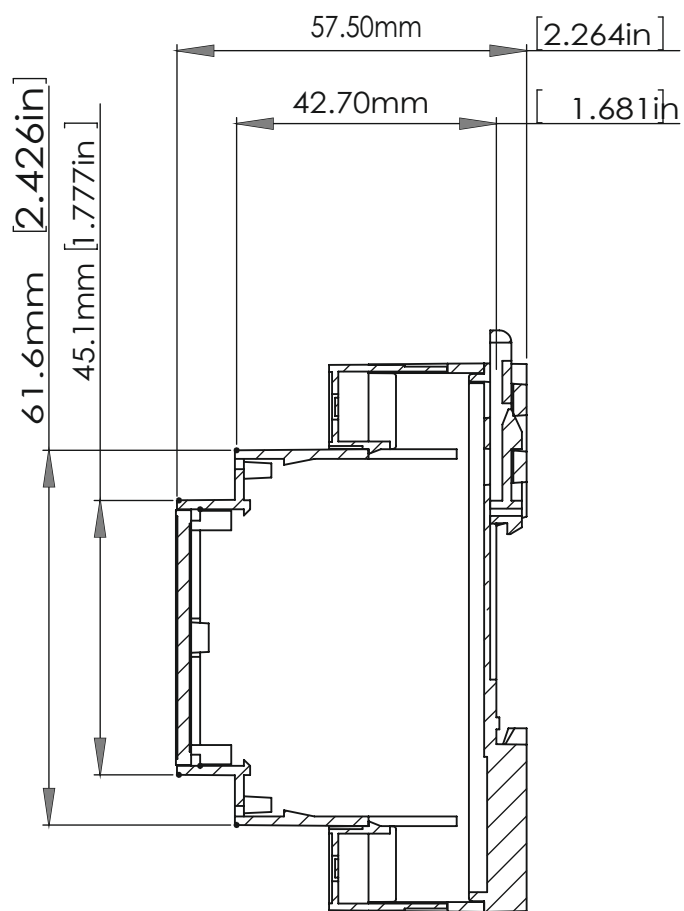
La scoaterea din uz al acestui dispozitiv , insistam ca acesta sa fie reciclat ori inapoiat vanzatorului/producerului in vederea reciclarii/neutralizarii.



MV1121



SECTIUNEA A-A  
SCARA 1 : 1



SECTIUNEA B-B  
SCARA 1 : 1

# WF2C 0723

## FISA TEHNICA



Alimentare	230 VAC 50-60 Hz.
Montare	sina DIN.
Iesire 2 canale	Imax 6A contacte libere de potential, sarcini rezistive.
Intrare	2 canale (Buton cu revenire).
Taste panou	capacitive
Comunicatii	WiFi IEEE 802.11b/g/n pe 2.4 Ghz.
Indicator LED WiFi	verde.
Indicator LED releu	verde.
Interfata	eWeLink (disponibila pe Android/iOS).
Moduri de functionare	modul <b>self-locking</b> , functionare similara cu un buton cu retinere (o apasare = on , o apasare = off) modul <b>inching</b> , functionare similara cu un buton cu revenire timpul de revenire fiind reglabil de la 0,5 sec la 59 min ( o apasare = on dupa scurgerea timpului = off)
Temporizator	permite programare multipla de la 0 ore si 0 min la 23 ore si 59 min
Programator orar	permite programare multipla de la 0 ore si 0 min la 23 ore si 59 min cu repetare
Setare scanarii smart	permite integrarea intr-un scenariu smart cu alte dispozitive BVA, SONOFF, NEXTION.
Partajare control	permite partajarea controlului dispozitivului cu alti utilizatori.
Control vocal	Amazon Alexa sau Google Assistant.
Temperatura ambientala	-10°C si +40°C.
Actualizari firmware	OTA.





# WF2C 0723

## FISA TEHNICA

Firmware PSF-B04  
Cipul principal ESP8285

Tip de rețea fără fir STA/AP/STA+AP  
Mecanism de criptare WEP/WPA-PSK/WPA2-PSK  
Tipul de criptare WEP64/WEP128/TKIP/AES

Actualizare firmware OTA

Standard wireless IEEE 802.11b/g/n

Gama de frecvențe 2.412GHz-2.484GHz

Puterea transmisiunii 802.11b: 20±2dBm (@11Mbps) 802.11g: 17±2dBm (@54Mbps) 802.11n:  
14±2dBm (@HT 20, MCS 7)

Sensibilitate receptie 802.11b: -91 dBm (@11 Mbps, CCK) 802.11g: -75 dBm (@54Mbps,  
OFDM) 802.11n: -72 dBm (MCS7)

Tip antenă Antenă ceramica

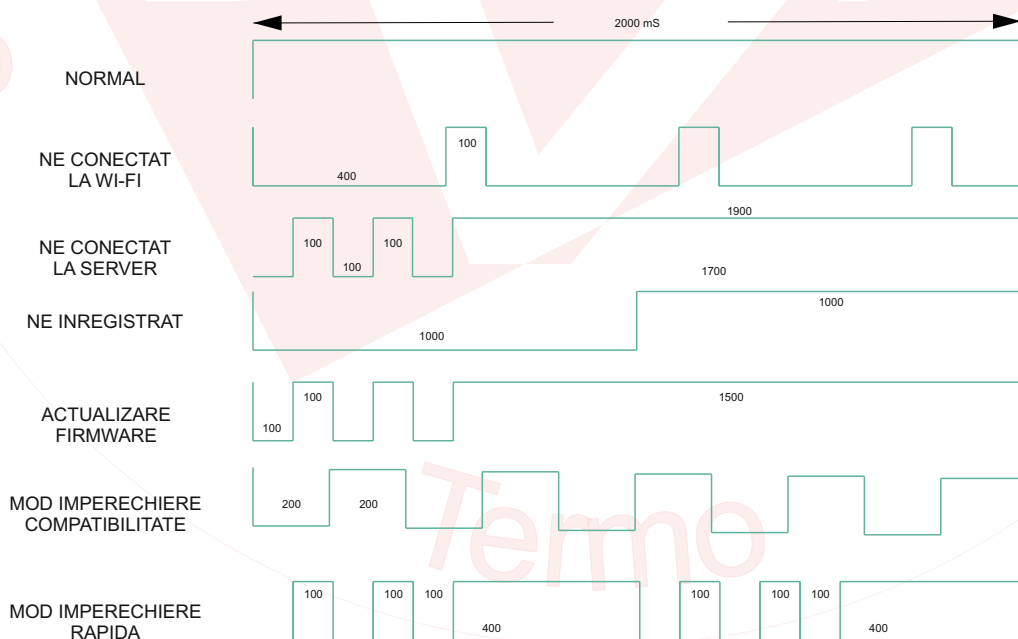
Moduri de imperechere: modul rapid / modul compatibilitate.

Apasati butonul „SET” pentru minimum 7 secunde pentru a intra in modul imperechiere rapida.

Apasati din nou același buton pentru inca 7 secunde pentru a intra in modul de imperechiere compatibilitate.

Modul intermitent al indicatorului de stare Wi-Fi de pe dispozitiv reprezintă starea curentă de funcționare a rețelei.

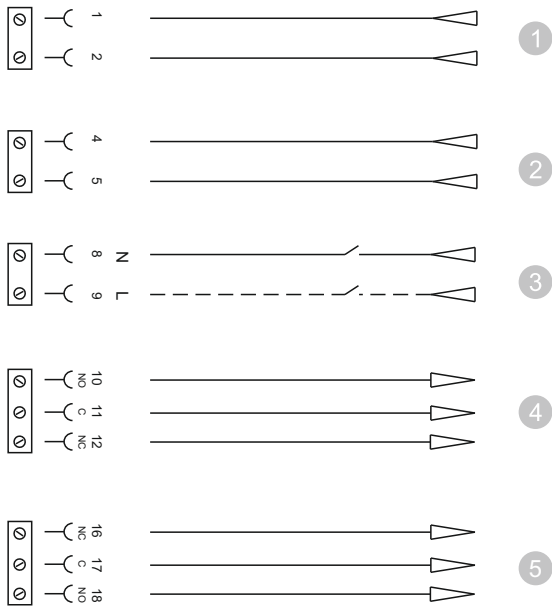
Statutul specific include următoarele șapte tipuri (vezi tabelul 1.):



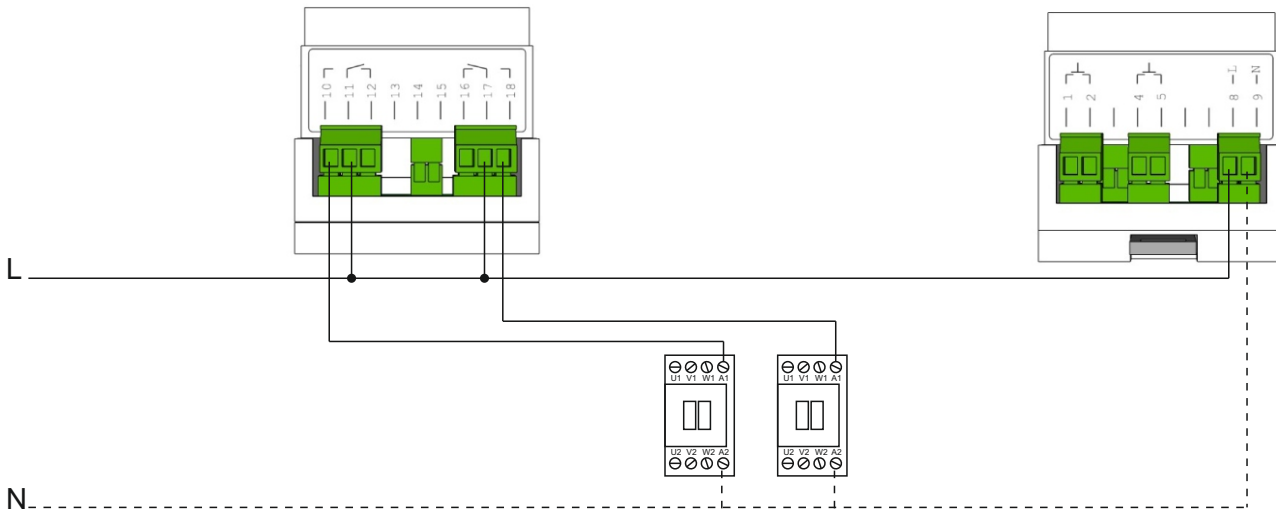
tabel.1

# WF2C 0723

## DIAGRAMA CONEXIUNI



1. Intrare buton cu revenire, exclus buton cu retinere.
2. Intrare buton cu revenire, exclus buton cu retinere.
3. Alimentare 230 VAC/60 Hz. comutator pornit / oprit.
4. Canal 1 Contacte libere de potential NO COM NC, sarcini rezistive  $I_{max}$  6A-230VAC, 300VDC .
5. Canal 2 Contacte libere de potential NO COM NC, sarcini rezistive  $I_{max}$  6A-230VAC, 300VDC .



Pentru sarcini rezistive mai mari de 6A sau pentru sarcini inductive, folositi dispozitivul WF2C 0723 impreuna cu contactori de putere adecvati aplicatiei dvs. asa cum este exemplificat in schita de mai sus.

# WF2C 0723

## INROLAREA DISPOZITIVELOR IN APLICATIA MOBILA

Scanați codul QR alaturat pentru a descărca eWeLink.  
Instalați aplicația pe telefonul dvs. inteligent.



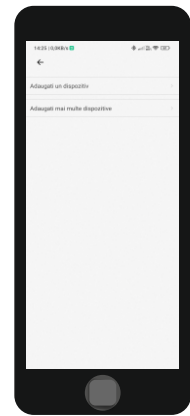
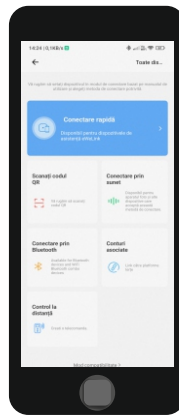
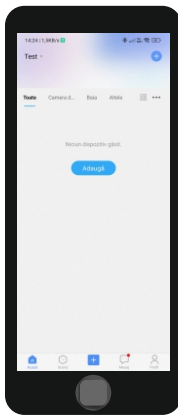
Înregistrați un cont nou daca nu aveti deja unul.  
Va trebui să introduceți numărul de telefon/adresa de e-mail și o parolă  
cel puțin 8 caractere).  
Introdu codul de verificare prin SMS pentru a te înregistra.  
Actualizări: Utilizatorii din țările asiatice TREBUIE să se înregistreze  
cu un număr de telefon mobil. În timp ce utilizatorii din afara zonei  
asiatice TREBUIE să se înregistreze cu o adresă de e-mail.  
Conectați-vă cu contul dvs.

Adăugare dispozitive

eWeLink:

Pentru versiunea Android, trebuie să porniți WiFi pe telefon înainte de a adăuga un dispozitiv.

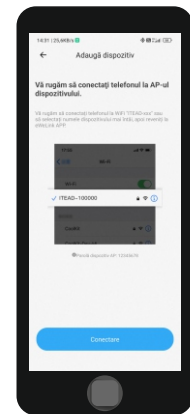
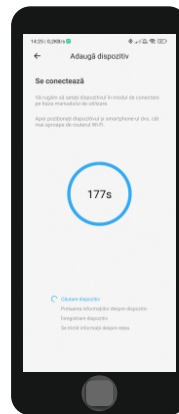
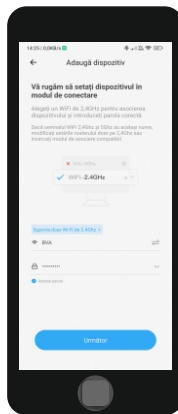
Apăsați lung butonul „SET” (7 sec) pe dispozitivul WF2C 0723 până când indicatorul  
LED verde lumineaza intermitent (vezi fisa tehnica).



Faceți clic pe pictograma  
„Adauga” sau pe butonul plus.

Alegeti modul de  
conectare  
„rapid” sau  
„compatibilitate”.

Alegeti „adaugati un  
dispozitiv ori mai multe”.

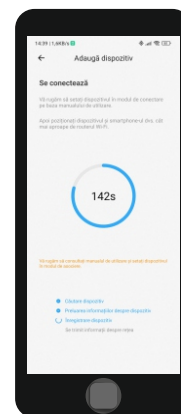
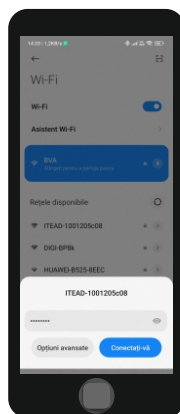
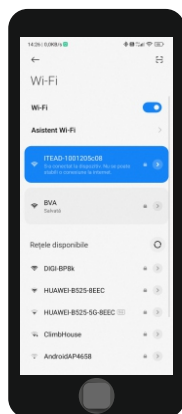


Introduceți SSID-ul și parola  
routerului dvs și apăsați  
„urmatorul”.

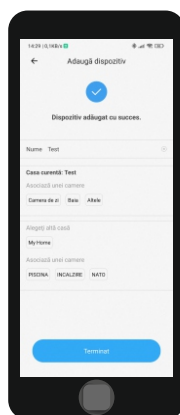
Dupa cateva secunde se va cere  
conectarea telefonului la  
hotspotul dispozitivului.

## WF2C 0723

# INROLAREA DISPOZITIVELOR IN APLICATIA MOBILA



Conectati-va la hotspotul ITEAD-XXXXXXXXXX si introduceti parola 12345678.



Daca totul a decurs bine, dupa cateva secunde veti fi notificat despre inrolarea dispozitivului in aplicatie si veti putea continua cu configurarea dispozitivului.

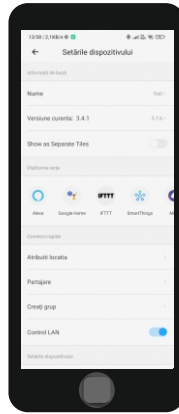
Un dispozitiv are un singur proprietar. Dacă ați adăugat cu succes un dispozitiv la contul dvs., nu veti putea adăuga acest dispozitiv la alt cont decât dacă îl ștergeți din primul cont. Numai proprietarul dispozitivului îl poate partaja altor conturi.

# WF2C 0723

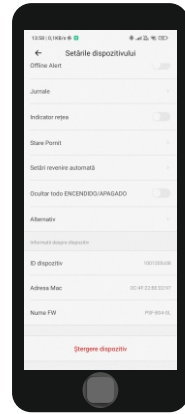
## APK



Accesand dispozitivul nou inrolat in aplicatie, veti avea acces la comenzile manuale, dar si la cele automatizate.



Accesand meniul contextual „cele trei puncte” din colțul dreapta sus, veti putea vizualiza informații despre dispozitiv, starea acestuia, veti avea acces la platformele terțe, la comenzile rapide.



Pentru stergerea dispozitivului derulați până în josul paginii.



Setările dispozitivului din meniul contextual:

- |                          |  |
|--------------------------|--|
| Notificari instant       | alegeti sa primiti ori nu notificari din partea dispozitivului.  |
| Offline alert            | veti primi o notificare atunci cand dispozitivul nu este conectat la internet.   |
| Jurnale                  | puteti vizualiza jurnalele (cine/cand a actionat dispozitivul cu data si ora)  |
| Indicator retea          | puteti dezactiva led-ul de stare retea.  |
| Stare pornit             | puteti seta modul de pornire a dispozitivului dupa o pana de curent (pastreaza ultima stare/ pornit / oprit).  |
| Setari revenire automata | modul <b>inching</b> , functionare similara cu un buton cu revenire, timpul de revenire fiind reglabil de la 0,5 sec la 59 min.<br>(o apasare = on dupa scurgerea timpului = off). |
| Ascunde „all on/off”     | setarea permite utilizatorului sa ascunda din pagina de start butoanele „all on si all off”.   |
| Alternativ               | aceasta functie permite utilizatorului sa foloseasca cele doua canale alternativ (un canal activat va dezactiva celalalt canal).   |

WF2C 0723



2014/35/EU Low voltage Directive(LVD)  
2014/30/EU Electromagnetic Compatibility Directive (EMC)  
2011/65/EU Hazardous Substance Directive (ROHS)



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