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EN

EU-WIFI L
USER'S MANUAL

TECH
CONTROLLERS

TECH
CONTROLLERS

WARRANTY CARD

TECH STEROWNIKI II Sp. z o.o. company ensures to the Buyer proper operation of the device for the period of 24 months from the date of sale. The Guarantor undertakes to repair the device free of charge if the defects occurred through the manufacturer's fault. The device should be delivered to its manufacturer. Principles of conduct in the case of a complaint are determined by the Act on specific terms and conditions of consumer sale and amendments of the Civil Code (Journal of Laws of 5 September 2002).

CAUTION! THE TEMPERATURE SENSOR CANNOT BE IMMERSSED IN ANY LIQUID (OIL ETC). THIS MAY RESULT IN DAMAGING THE CONTROLLER AND LOSS OF WARRANTY! THE ACCEPTABLE RELATIVE HUMIDITY OF THE CONTROLLER'S ENVIRONMENT IS 5÷85% REL.H. WITHOUT THE STEAM CONDENSATION EFFECT.

THE DEVICE IS NOT INTENDED TO BE OPERATED BY CHILDREN.

Activities related to setting and regulation of the controller parameters described in the Instruction Manual and parts wearing out during normal operation, such as fuses, are not covered by warranty repairs. The warranty does not cover damages arising as a result of improper operation or through the user's fault, mechanical damage or damage created as a result of fire, flood, atmospheric discharges, overvoltage or short-circuit. The interference of an unauthorized service, wilful repairs, modifications and construction changes cause the loss of Warranty. TECH controllers have protective seals. Removing a seal results in the loss of Warranty.

The costs of unjustifiable service call to a defect will be borne exclusively by the buyer. The unjustifiable service call is defined as a call to remove damages not resulting from the Guarantor's fault as well as a call considered unjustifiable by the service after diagnosing the device (e.g. damage of the equipment through the fault of the client or not subject to Warranty), or if the device defect occurred for reasons lying beyond the device.

In order to execute the rights arising from this Warranty, the user is obliged, at his own cost and risk, deliver the device to the Guarantor along with a correctly filled-in warranty card (containing in particular the sale date, the seller's signature and a description of the defect) and sales proof (receipt, VAT invoice, etc.). The Warranty Card is the only basis for repair free of charge. The complaint repair time is 14 days.

When the Warranty Card is lost or damaged, the manufacturer does not issue a duplicate.

.....
seller's stamp

.....
date of sale

SAFETY

Before using the device for the first time the user should read the following regulations carefully. Not obeying the rules included in this manual may lead to personal injuries or controller damage. The user's manual should be stored in a safe place for further reference. In order to avoid accidents and errors it should be ensured that every person using the device has familiarized themselves with the principle of operation as well as security functions of the controller. If the device is to be sold or put in a different place, make sure that the user's manual is there with the device so that any potential user has access to essential information about the device.

The manufacturer does not accept responsibility for any injuries or damage resulting from negligence; therefore, users are obliged to take the necessary safety measures listed in this manual to protect their lives and property.

! WARNING

- The module is not intended to be used by children.
- Any use other than specified by the manufacturer is forbidden.
- The device should be installed by a qualified person.

TECHNICAL DATA

Power supply	5V DC
Ambient temperature	5-50°C
Max. power consumption	<0,5W
Transmission IEEE 802.11 b/g/n	



We are committed to protecting the environment. Manufacturing electronic devices imposes an obligation of providing for environmentally safe disposal of used electronic components and devices. Hence, we have been entered into a register kept by the Inspection For Environmental Protection. The crossed-out bin symbol on a product means that the product may not be disposed of to household waste containers. Recycling of wastes helps to protect the environment. The user is obliged to transfer their used equipment to a collection point where all electric and electronic components.

UE DECLARATION OF CONFORMITY

Hereby, we declare under our sole responsibility that **EU-WIFI L** manufactured by TECH STEROWNIKI II Sp. z o.o., head-quartered in Wieprz Biała Droga 31, 34-122 Wieprz, is compliant with Directive 2014/53/EU of the European parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC (EU OJ L 153 of 22.05.2014, p.62), Directive 2009/125/EC of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products (EU OJ L 2009.285.10 as amended) as well as the regulation by the MINISTRY OF ENTREPRENEURSHIP AND TECHNOLOGY of 24 June 2019 amending the regulation concerning the essential requirements as regards the restriction of the use of certain hazardous substances in electrical and electronic equipment, implementing provisions of Directive (EU) 2017/2102 of the European Parliament and of the Council of 15 November 2017 amending Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (OJ L 305, 21.11.2017, p. 8). For compliance assessment, harmonized standards were used:

PN-EN 62368-1:2020-11 par. 3.1a Safety of use
PN-EN IEC 62479:2011 art. 3.1a Safety of use
ETSI EN 301 489-17 V3.2.4 (2020-09) par.3.1b Electromagnetic compatibility
ETSI EN 301 489-1 V2.2.3 (2019-11) par.3.1b Electromagnetic compatibility
ETSI EN 301 489-3 V2.1.1:2019-03 par.3.1 b Electromagnetic compatibility,
ETSI EN 300 328 V2.2.2 (2019-07) par.3.2 Effective and coherent use of radio spectrum
PN EN IEC 63000:2019-01 RoHS.

Wieprz, 09.05.2023

Paweł Jura

Janusz Master
Prezisi firmy

DESCRIPTION

The EU-WiFi L device is a wireless external module adapted to operate with the EU-L-12 controller.

Following correct connection and registration of the module in the application or at the emodul.pl website, it allows remote control and supervision of the installation's activity.

The user can view the status and operation of all of the installation devices, as well as edit individual parameters via the Internet.

Module functions:

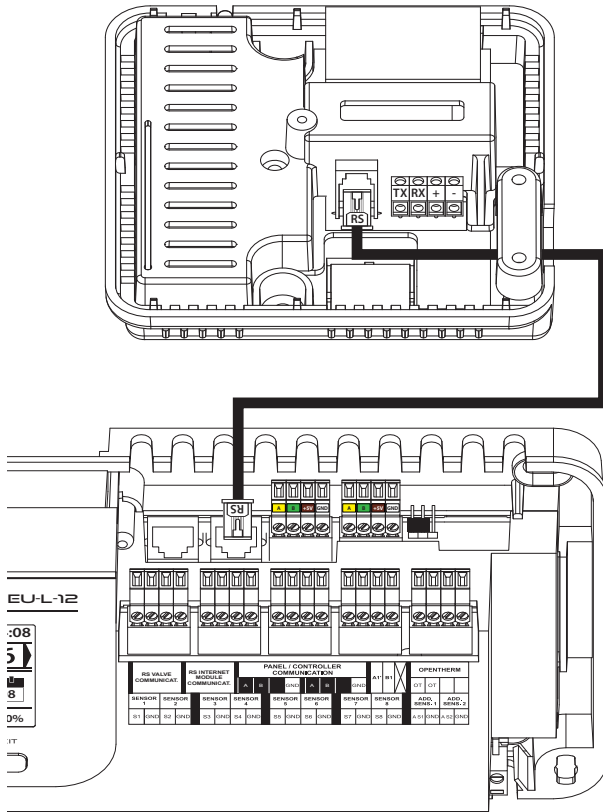
- remote control of the installation system via the Internet
- preview of individual installation devices
- option to edit main controller parameters
- temperature history preview
- event history preview (alarms and parameter changes)

INSTALLATION

NOTE
! The module should only be installed by a properly qualified person!

NOTE
! Incorrect connection of wires may damage the device!

The module should be installed on the outside of the switchgear and connected to the main controller via the RS cable included in the kit.



FIRST START-UP

1. After the module is connected correctly, mark **ON** the option found in: **Menu > Fitter's Menu > Internet Module > ON**.
2. Then connect it to the WiFi network by selecting the **WiFi network selection** option - the the list of available WiFi networks will be displayed on the controller. Connect to the network by typing in the password.
3. After selecting the **DHCP** option, all parameters of the local WiFi network can be downloaded automatically. After disabling this function, it is possible to manually set the individual network parameters: IP address, IP mask, gateway address, etc

REGISTRATION

To register the module in the application or on the emodul.pl website, select the following option in the main controller: **Menu > Fitter's Menu > Internet Module > Registration**.

The controller will generate the code required to register the module.

The first step in using the application is to create a user account and to enter the generated code in the **Settings > Module > Registering a new module**.

NOTE
! If the module is not registered within 60 minutes, the code will expire and you will need to generate the code again.

SOFTWARE UPDATE

To download the current version of the module software, select:

Menu > Fitter's Menu > Internet Module > Software Update.

After the successful completion of the update process, a corresponding message will appear on the controller screen.

If the module software is already up to date, this information will also be displayed.

REQUIRED NETWORK SETTINGS

For the Internet module to work properly, it is necessary to connect the module to the network with a DHCP server and an open port 2000. After connecting the Internet module to the network, go to the module settings menu (in the master controller).

If the network does not have a DHCP server, the Internet module should be configured by its administrator by entering appropriate parameters (DHCP, IP address, Gateway address, Subnet mask, DNS address).

1. Go to the Internet module settings menu.
2. Select „ON“.
3. Check if the „DHCP“ option is selected.
4. Go to „WIFI network selection“
5. Select your WIFI network and enter the password.
6. Wait for a while (approx. 1 min) and check if an IP address has been assigned. Go to the „IP address“ tab and check if the value is different from 0.0.0.0 / -.-.-.-.
- a). If the value is still 0.0.0.0 / -.-.-.-, check the network settings or the Ethernet connection between the Internet module and the device.
7. After the IP address has been assigned, start the module registration in order to generate a code which must be assigned to the account in the application.