

ComBridge WCI

Order Nr.: 3622-141-08

Instruction Manual

The ComBridge Web Control Interface contains a web server for the control and monitoring of EIB/KNX systems. A standard web browser can be used for the control.

An object server connection is supported for communication with the ComBridge Studio Evolution visualization software. An KNXnet/IP tunnel connection for parameterization with ETS 3/4 is also available.

This results in three different possibilities of application:

- Parameterization of an EIB/KNX installation via Ethernet with ETS 3/4
- Clear and concise visualisation of up to 40 functions via integrated web server
- Connection to ComBridge Studio Evolution visualisation systems



Types of Devices and Accessories

The following type of devices of the Combridge Web Communication Interface gateway product group are currently available:
ComBridge WCI Order Nr.: 3622-141-08

Component of the supplied package

The following components come together with the ComBridge WCI:
Compleat unit with connected Bus connection (KNX, black/red) and Bus connection (24 V supply, white/yellow),
Operating and mounting instructions

Software Applications

The following software application are currently available:
3622-WebInterface-01-0110; Application program function, see. Application program description

Installation instructions

- The device must only be installed and commissioned by an accredited electrical engineer!
- The prevailing safety rules must be heeded.
- The device is intended for interior installation in dry rooms.
- During the installation the device must be switched off.
- Do not open the device! Faulty devices must be returned to the manufacturer.
- Please follow country-specific safety and accident prevention rules as well as all current KNX guidelines.

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Order Nr.: 3622-141-08

Technical Specifications

Power Supply

- from external SELV power supply AC/DC 24V nominal, permissible input voltage range: AC/DC 12 ... 30 V
- In addition via **KNX** bus, SELV 24V

Connectors

- Bus connector: **KNX** bus connector (black/red)
- 24 VDC connector (white/yellow)
- Ethernet: RJ-45 plug 100MB/s

Control elements

- Programming Button to toggle between normal and addressing mode

Display elements

- LED red: Indicates normal/addressing mode
- LK-LED green: Signals device Ethernet readiness
- LA-LED green: Signals communication activity status

Ethernet

- IP-connection via Ethernet, speed 100 Mbit / second
- IP address allocation via DHCP service or fixed IP address

Mechanical data

- Plastic ABS – V0
- Dimensions REG casing 4TE:
 - Width: 72mm
 - Height: 55mm
 - Length: 86mm
- Weight 150 g
- Mounting: 35mm DIN rail

Electrical safety

- Pollution class (in accordance with EN60664-1): 2
- Protection type (in accordance with EN 60529): IP20
- Protection class (according to IEC 1140) I
- Overvoltage category: III
- KNX Bus: Separated extra-low voltage SELV DC 24 V

EMC requirements

Complies with EN 50090-2-2 und EN 61000-6-2:2005, EN 61000-6-3:2007

Environmental conditions

- Weather resistance: EN 50090-2-2,
- Environmental conditions during operation: -5°C to +45°C
- Storage temperature: -25°C to +70°C
- Rel. humidity (non condensing): 5 % to 93 %

Approbation

EIB/KNX registered

CE-Signage

According to EMC-Guidelines (Residential and commercial buildings), Low Voltage guidelines

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Location and function of the display and control elements

- A1: DC 24 V bus connector terminal (white-yellow)
- A2: KNX bus connector terminal (black-red)
- A3: Ethernet RJ45 socket
- A4: KNX programming LED
- A5: KNX learning button
- A10: Error LED
- A11: Ethernet Activity+Communication LED

