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 visualization of up to 40 functions via integrated web server
- Connection to ComBridge Studio Evolution visualization 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:
Complet 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.
## 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
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