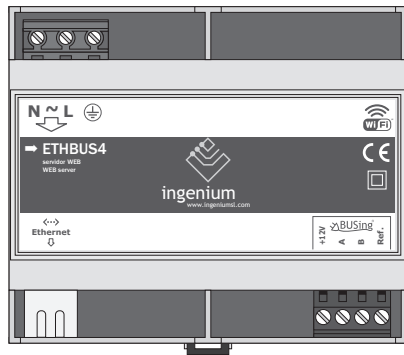# ➡ ETHBUS4 [ETHBUS4 · ETHBUS4-BACnet]

WEB server to remote control of BUSing® installations

Enables installation controlling via Internet using a conventional WEB browser or by the applications available for Android and iOS.

- · *Integrated WEB server, Ethernet and WiFi connectivity*
- · *Internet control and monitoring of the entire installation*
- · *Java fully graphical interface with 3D plans*
- · *Apps for Android, Apple iOS and PC for local or remote control and Google Home and Alexa compatibility*
- · *Configurable IP with the Development System (SIDE)*
- · *Programming via FTP*
- · *Optional model with BACnet/IP support (ETHBUS-BACnet)*
- · *DIN Rail mount (6 modules)*

Description

Allows the installation to be controlled from any PC connected to the Internet with a conventional WEB browser through Ingenium server or using Adroid devices or Apple iOS locally or remotely.

The device requests a password to control access to the installation and displays the status of the devices installed with icons on a colour 3D plans or photographs, as configured in the Development System (SIDE).

The entire interface is graphical and intuitive and allows an easy control of the installation: on-off lighting, lighting control, blind control, on-off heating, temperature control of the rooms, programming thermostats, shortcuts available to act on any part of the installation, perform scenes, etc. It also allows voice control with Google Home and Alexa.

For remote control using the APPs available for Android or Apple iOS you need to configure the router installation (see the device instructions) and use a dynamic DNS service if you do not have a static IP address.

Configuration using Development System (SIDE)

JAVA Application Control:

- · *Supports up to 100 control plans.*
- · *Program up to 100 scenes.*
- · *Access to the installation locally or via Ingenium server with password (www.ingeniumsl.com).*

Android and Apple iOS control apps:

- · *See instructions.*

BACnet/IP support (EHTBUS4-BACnet)

Available specific model supports BACnet/IP communications protocol, designed to centralize the control of devices in complex installations or large buildings, providing a reilable, fast and scalable communication.

Technical Characteristics

Device Reference	Voltage Supply	Power Consumption	Internet Connection
EHTBUS4	230V AC	2.8VA	ETHERNET 10Mbit/s

➡ ETHBUS4

Installation

ETHBUS4 basic wiring
To function as a control via Internet.

Neutral
Phase
⊕ Ground
Supply
85–250V AC 50~60Hz
Supply
Microprocessor
Ethernet
BUS

Local connection
Exclusive option, by WiFi or via Ethernet.

Ethernet RJ45 port

Consumes
+12V
A
B
Ref.

Cable BUSing®
Connection for screw terminal.

ETHBUS installation with Internet Router
For control using Ethernet/WiFi network and mobile data.

➡ ETHBUS4
Internet Router
Internet connection

Wireless connection
Local by the WiFi router or remote by mobile data.

Tablet
SmartPhone
Alexa
Google Home
Personal Computer
WEB Browser