comfort click

Jigsaw Pro

CC-JP-3

About

Jigsaw Pro is used for controlling and monitoring home automation systems in larger residential projects. It has bOS Server preinstalled. bOS Server enables connection with building devices, runs logic tasks and provides access for bOS Client applications for iOS, Android and Windows. Jigsaw Pro has KNX and RS-485 interface integrated, which enables direct communication with the KNX installation and / or RS-485 installation (e.g. Modbus RTU, BACnet MSTP).
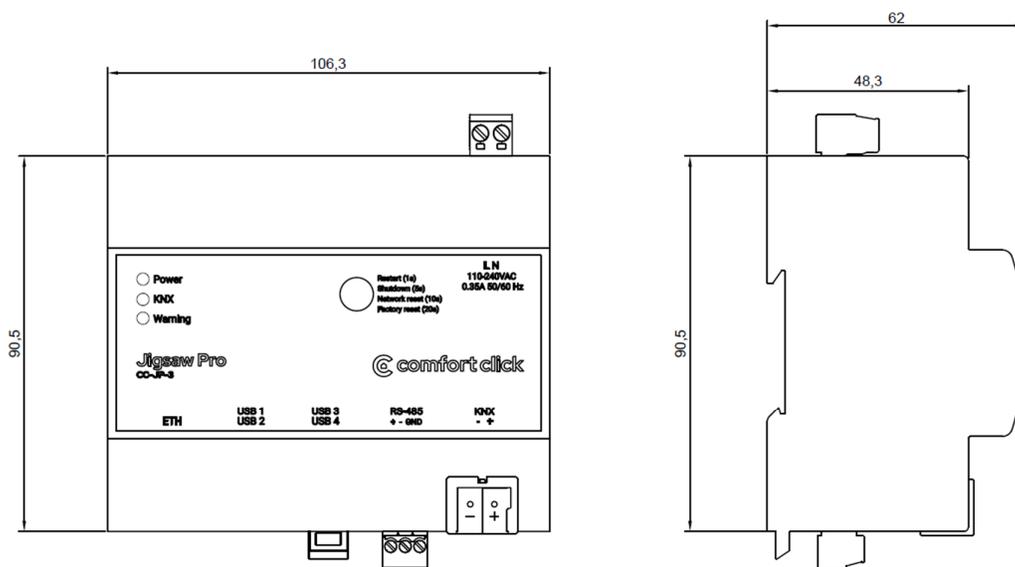
Technical Specifications

Name	Jigsaw Pro
Model	CC-JP-3
Description	Building Automation Server
Mounting	DIN rail, 6U
Dimensions	107 mm x 91 mm x 62 mm
Power Supply	100-240 V, 50/60 Hz
Power Consumption	Approx. 5 -10 W
OS	Embedded Linux
CPU	Quad-core 1,5 GHz ARM 64-bit
Memory	4 GB
Storage	MicroSD card 32GB, Industrial
Connectors	1x KNX, 1x RS-485, 2x USB 2.0, 2x USB 3.0, 1x Gigabit Ethernet port
KNX	Integrated KNX IP Secure Interface
RS-485	Integrated RS-485 interface (Modbus RTU, BACnet MSTP)
Temperature	Operation: -5 °C – +45 °C Storage / transport: -25 °C – +70 °C
Protection rating	IP20

bOS - Building Operating System
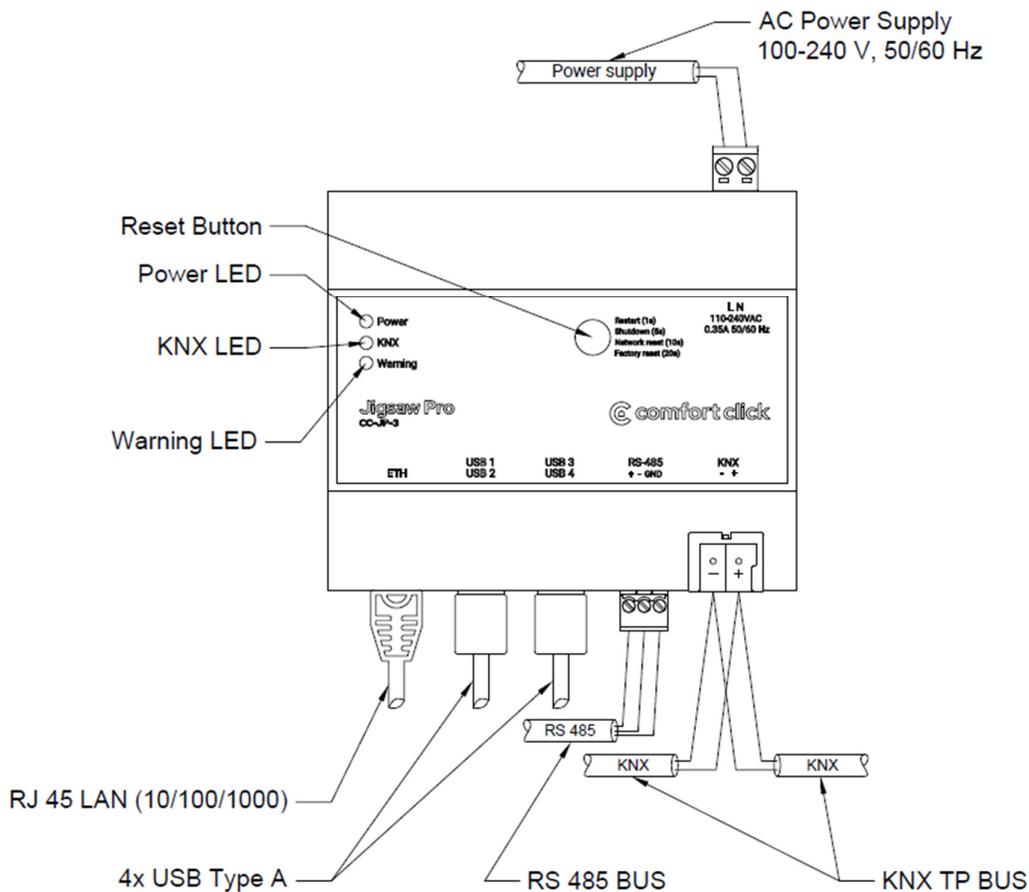
Description	Software Solution for Smart Home and Professional Buildings
License	bOS Pro License with 3 Users

Devices	KNX, Z-Wave, Modbus, BACnet, Alexa, Google Home, IP cameras, Sonos, Hue, IP Cameras, TCP/IP devices, DSC, Satel, Paradox, Kodi, Global Caché…
Logic	Program, Schedule, Time, Scene, Regulator, Logging, Messaging, Calculations, Logic Gates…
Areas	Customizable Area Themes

Dimensional Drawing

Connection Diagram

AC Power Supply
100-240 V, 50/60 Hz

Power supply

Reset Button

Power LED

KNX LED

Warning LED

Power
KNX
Warning

Restart (1s)
Shutdown (5s)
Network reset (10s)
Factory reset (20s)

L N
110-240VAC
0.35A 50/60 Hz

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ETH

USB 1
USB 2

USB 3
USB 4

RS-485
+ - GND

KNX
- +

RS 485

KNX

KNX

RJ 45 LAN (10/100/1000)

4x USB Type A

RS 485 BUS

KNX TP BUS

Reset button and Status LEDs

Reset button

Holding time	Function
1 s	Restart
5 s	Shutdown
10 s	Network reset (IP set to DHCP)
20 s	Factory reset (IP set to DHCP, clear configuration, logs, users…)

Status LEDs

LED	ON	OFF
Power	Power supply connected and OK	Power supply is disconnected / power supply malfunction
KNX	KNX bus is connected and Jigsaw Pro KNX Driver is connected	KNX bus is disconnected or Jigsaw Pro KNX Driver is not connected
Warning	Problem with server: • no internet connection, • license problem, • no KNX connection Connect to the server with bOS Configurator and check for details	Normal operation