

Technical Datasheet

JNBUS CO and NO₂ Panel

Product Category:

Panels

SKU:

JNBUS



Description

JNBUS is a microprocessor-based control panel for the detection of carbon monoxide and nitrogen dioxide, designed in accordance with the requirements of the EN 54 standards.

The JNBUS panel provides monitoring and event information for 1 loop (120), depending on the installation configuration.

The JNBUS panel's pre-alarm and alarm relays are surface-mounted and are placed directly on the loop, eliminating the need for wiring to the control panel.

They must be installed in accordance with mandatory fire detection system installation standards.

They are designed for new installations and can incorporate EHOX CO and NO₂ detection devices into the loop, enabling full connectivity with the NUSKU platform.

Features

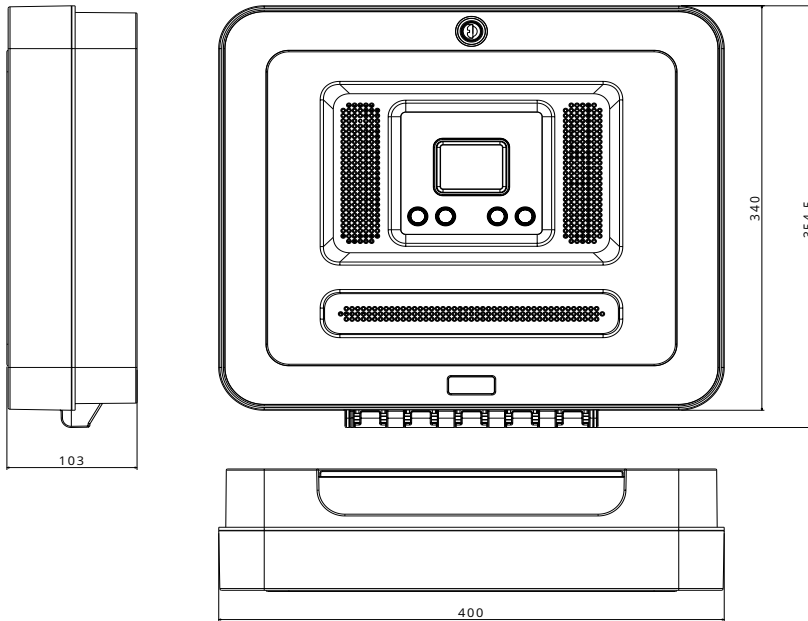
The JN panel supports 1 loop (JNBUS) with up to 120 devices, and all configurations come with the following factory settings:

- ✓ 2 programmable inputs/outputs.
- ✓ 2 relay outputs, alarm, and fault.
- ✓ USB port for programming.
- ✓ Bluetooth for programming.
- ✓ Ethernet connector for connecting to the Nusku platform.
- ✓ Wi-Fi for connecting to the Nusku platform.
- ✓ 2.7-inch multilingual TFT touchscreen.
- ✓ 4G module for connecting to the Nusku platform (optional).

Technical Specifications

Dimensions	360mm X 400mm X 100mm
Weight	2,6 Kg
Structure	White ABS plastic box RAL 9010
Mounting holes	1 hole per corner on the bottom + 1 in the center
Cable entries	7 die-cut openings on the top + 4 on the bottom
Panel operating voltage	230 Vca 50Hz +/- 10%
Power supply fuse	2A 250V
Battery charger output voltage	28Vcc at 20°C
Programmable auxiliary outputs	24Vcc ± 20%, 300mA
Power supply output	24 Vcc. 50W
Batteries	2x 12Vcc-7Ah
Max. loop voltage	28 Vcc
Max. loop current	500 mA
Max. loop cable length	2 Km
Max. number of devices per loop	120
RFL siren outputs	20KΩ
Alarm resistance	5K6Ω
Climate clasification	3K5, (IEC 721-2-3)
Operating temperature	0°C to +40°C
Relative humidity	5% to 95% non-condensing
Ingress protection	IP30 (EN60529)
Certifications	UNE 23300

Dimensions



Devices compatible with JNBUS panel

- Analog CO Detector (JNC)
- Analog NO2 Detector (JND)
- CO and NO2 Detector (JNDUAL)
- Wireless Relay Output Module (JNR2 and JNR4)
- 4G Communications Module (W4G)
- 4G Voice and Data Communications Module (W4GV)