

2 UI Bus Modul

This module converts information from temperature sensors and button inputs into digital bus communication. The serial connection of button inputs saves space in the control panel and requires fewer data cables. As for the temperature sensors, installations can be made with almost unlimited numbers of temperature sensors. Additionally, there is no interference when running alongside high-power cables, which is often a problem with conventional analog or 1-Wire sensors.



Features

- 2 universal inputs configurable for:
- NTC temperature inputs with a resistance of 100 Ohm to 100 kOhm ± 50 Ohm.
- The measurement deviation for a 1km Cat6 cable is -0.3 °C per degree.
- Button inputs
- Status inputs
- Pulse counter with a frequency of 100 Hz per channel
- Analog inputs 0-10 V
- Analog inputs 4-20 mA with the addition of a 500 Ohm resistor
- Two terminals for connecting a relative humidity sensor and a CO2 sensor -
- Power supply at 24 VDC $\pm 10\%$
- Power consumption 0.4 W
- Operating temperature: from -20 to $+55$ °C
- It is installed into a KU box under the switch. Width: 41 mm, Height: 23 mm.

