

SE IAQ Control

CO₂, Temperature and Relative Humidity Sensor



SE IAQ Control

SE IAQ Control for wall mounting measures indoor air carbon dioxide concentration, temperature, and relative humidity in rooms.

The unit connects to Direct Digital Control (DDC). Linear outputs are pre-programmed as CO₂, temperature, and relative humidity transmitters.

Accreditations

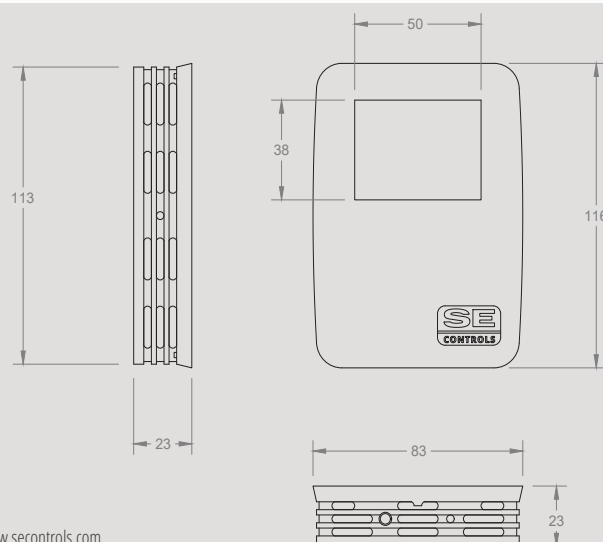


Applications



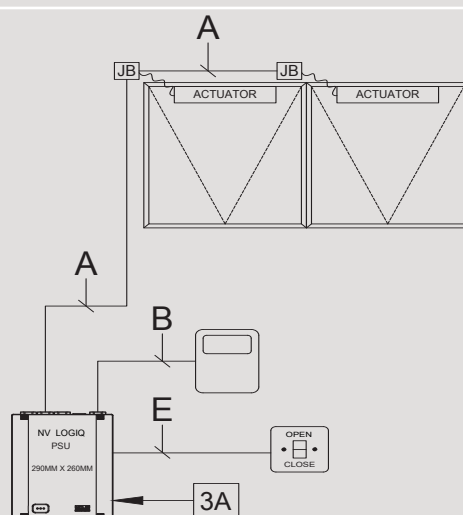
Environmental Ventilation

Technical Drawing



The AutoCAD drawing for this product can be found at www.secontrols.com

Installation Example



CABLE CORES (BY OTHERS)

A = 2 CORE X 2.5MM²

B = 4 CORE E1A - 485
SPECIFICATION

(E.G. BELDEN 9842 ORALPHA 6455 BK005)

R = 3 CORE 1.5MM²

Power

- Power Input, 24V dc (50-60HZ) $\pm$ 20%
- Power Consumption <0.6W
- Peak Power Consumption <2W
- Wiring Connections Screw terminal, max 1.5mm²

Environment

- Sensor Life Expectancy > 15 years
- Display Configurable colour LCD with CO2 [ppm], Temperature [°C] and Humidity [% RH]
- Buttons Touch Display [Disp]
- Warm-up Time $\leq$ 1min. (@full specs 15 min)
- Operating Temperature Range 0-50 °C
- Operating Humidity Range 0-95% RH, non-condensing
- Operating Environment Residential, Commercial

Miscellaneous

- Dimensions 116 x 83 x 23mm
- Dimensions display 50 x 38mm
- SE IAQ Controller is compatible with NV LogiQ PSU. For other applications please contact SE Controls

Part Number

SE IAQ CONTROL CO2 & TEMP SENSOR

NCS00030001