



This module provides one connector with four PNP inputs and four PNP outputs each for connection to AS-interface*. The wiring is simple screw terminals to support multiple I/O configurations.

The node address can be set using an AS-i handheld addressing tool or via software through the AS-i master.

This station supports standard address mode 1-31 (V2.0, 2.1, 3.0).

A short-circuit on any I/O point is indicated by a fault signal per the AS-i v3.0 specification. All inputs and outputs are powered from the AS-i line.

Integrated Design:

- AS-interface* station
- Four input and four outputs

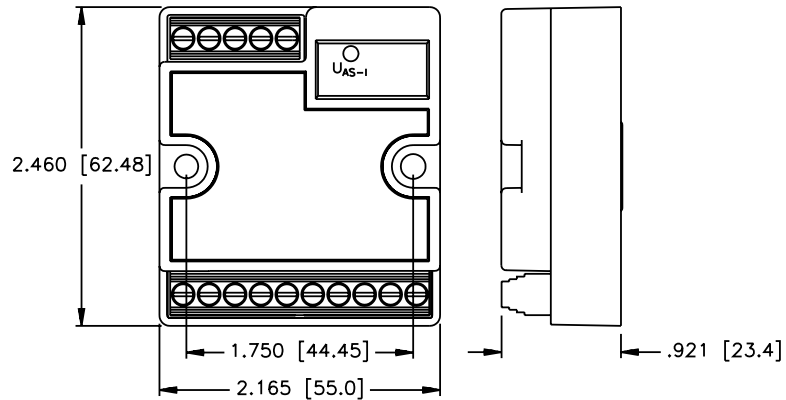
Applications:

- For dry environments
- For use with four 2-wire or 3-wire discrete sensors

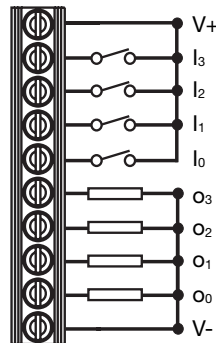
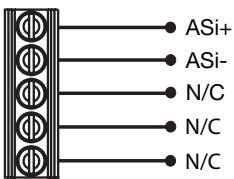
Features:

- PNP short-circuit protected inputs
- Short-circuit protected outputs
- Glass filled nylon with nickel plated brass connectors

Dimensions:



Terminal Wiring:



Module Specifications:

Electrical

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|------------------------------|---------------------------------|
| Operating Voltage | 18-31 Volts (from AS-i Network) |
| Internal Current Consumption | 30 mA |

Input Circuits (4) PNP 3-wire sensors or dry contacts

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|--|--------------------------------|
| Input/Output Short-Circuit (I_{max}) | 130 mA (from AS-i power line) |
| Input Signal State | Off < 2mA On = 3.0 – 3.4 mA |
| Input Delay | 2.5 ms |

Output Circuits

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|----------------|--|
| Output Current | Up to 130 mA shared input (from AS-i power line) |
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LED Indications

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| AS-i Network LED | Off = Off Green = Ok Red/Green = Fault |
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Connections

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| AS-interface® | 5-pin screw terminals Screw terminal torque = 0.5 Nm max. |
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Device Address

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|--------------------|---|
| Address Adjustment | 1 – 31 Standard address mode (V2.0. 2.1, 3.0) |
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Mechanical

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|-----------------------|--|
| Material | Nylon |
| Operating Temperature | -13° to +158°F (-25° to +70°C) |
| Protection | IP20 Pollution degree 2 environment |

Data and Parameter Bit:

| | | | | | |
|------------------------|----------------|----------------|----------------|----------------|---|
| I/O Data | D ₃ | D ₂ | D ₁ | D ₀ | IO Code 7 ID Code F ID2 Code E |
| | O ₃ | O ₂ | O ₁ | O ₀ | |
| | I ₃ | I ₂ | I ₁ | I ₀ | |
| Parameter Group | P ₃ | P ₂ | P ₁ | P ₀ | |
| | Not Used | Not Used | Not Used | IGS/OGS Enable | |

Current parameter P0 represents IGS and OGS simultaneously.
I/O faults are reported via the AS-i peripheral fault bit.