

# Input/output modules

Model number  
**IM461054A**  
**IM465015A (DIN)**



## Input/externally powered output module

This I/O module is designed to function as a Foundation Fieldbus node with termination points for connecting switches/sensors, as well as output devices such as solenoid valves and relays. This module is also capable of reading one (1) analog input and controlling one (1) analog output via Foundation Fieldbus. This device requires external 24VDC power supply.

### Inputs and outputs

- Two (2) discrete inputs
- Two (2) discrete outputs
- One (1) analog input (4-20mA)
- One (1) analog output (4-20mA)

### Features

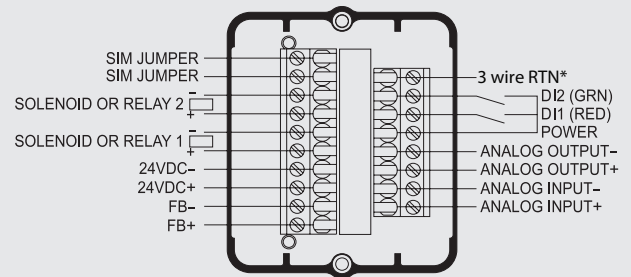
- Pre-determined output fail state



## Specifications

Discrete inputs	(2) 6.5 VDC < .045 mA, must be low power dry contact capable of operating at < .045 mA @ 6.5 VDC or solid state pnp capable of operating at 6.5 VDC and < 1 mA
Discrete outputs	(2) 24 VDC (4 watts total power)
Analog input	(1) analog (4-20 mA) input 10-bit resolution (0.1%)
Analog output	(1) analog (4-20 mA) output 10-bit resolution (0.1%)
Operating voltage	9 to 32 VDC via Foundation Fieldbus voltage
Current consumption	< 17 mA from Foundation Fieldbus
Indication	(2) LEDs indicate discrete input status (red/green)
External voltage	24 VDC via external power
Data rate	31.25 Kb/s
Dimensions (L, W, H)	75mm, 62mm, 51 mm
Housing	Engineered resin
Operating temperature	-40° to +80°C (-40° to +176°F)

## Wiring diagram



*\*Only for use with 3 wire PNP sensors*



## Dimensions (mm)

