DeviceNet *DeviceNet Input/Output Modules*
461007 - (Flat mount)
465012 - (DIN rail mount)

These I/O Modules are designed to function as DeviceNet nodes with termination points for connecting switches/sensors (discrete and analog), as well as outputs to operate devices such as low power solenoid valves and relays.

Inputs and Outputs

- Two (2) Discrete Inputs
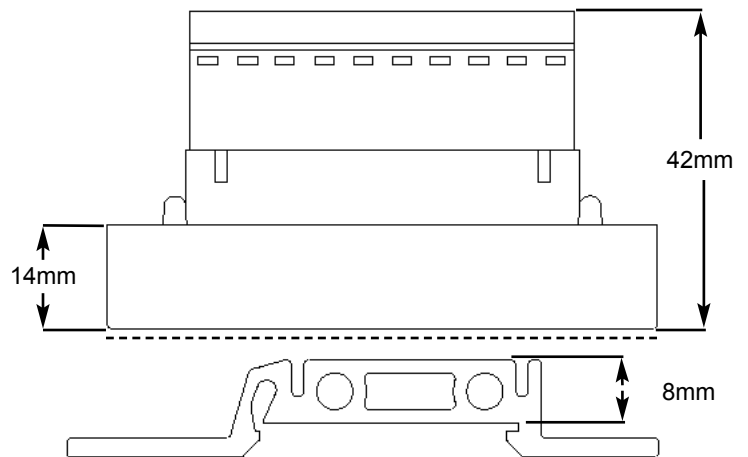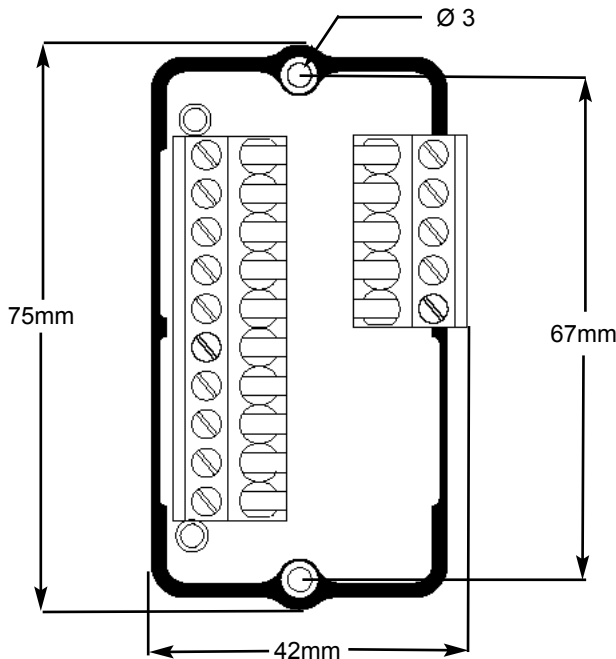- Two (2) Discrete Outputs
- One (1) Analog Input

Features

- LED input displays for Inputs 1 & 2
- Pre-determined output fail state
- Cycle count
- Date of last service
- Direct mount or DIN rail mount

(See reverse for specifications and detailed wiring instructions)

Input/Output Module Dimensions (in mm)

Ø 3

75mm

42mm

67mm

14mm

42mm

8mm

StoneL Corporation
One StoneL Dr
26275 US Hwy 59
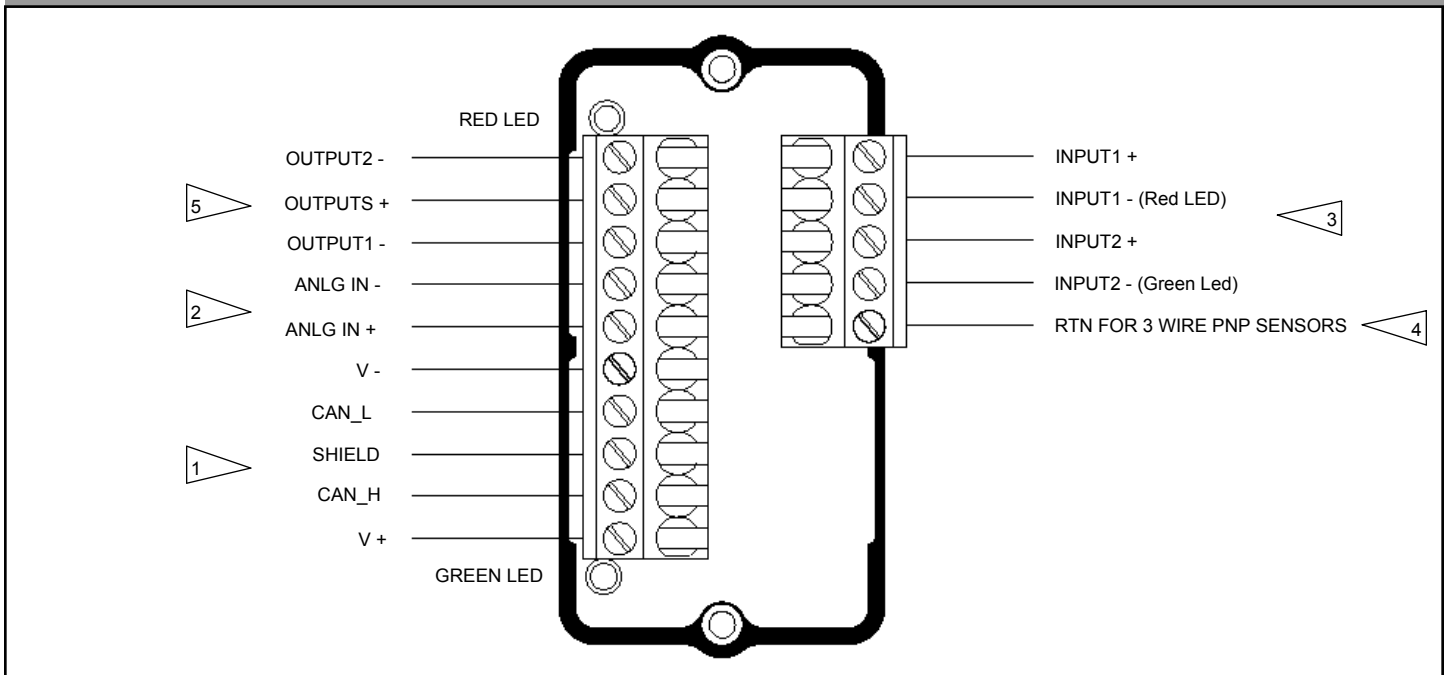**Fergus Falls, MN 56537**
USA

Telephone: 218.739.5774
Toll Free: 800.843.7866
Fax: 218.739.5776
E-mail: sales@stonel.com
Website: www.stonel.com

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DeviceNet 2 DI/2 DO/1 AI Input/Output Modules

Operating Voltage	24 VDC via DeviceNet voltage	
Discrete Inputs	(2) 7mA @ 24 VDC gold contact mechanical, low power reed, or 2 wire and 3 wire PNP solid state sensors	
Analog Input	(1) Analog (4-20 mA) input. 8 bit resolution (0.4%)	
Outputs	(2) 24 VDC - Bus Powered (4 Watts total power available)	
Current Usage	60mA (no I/O enabled)	
Default Address	63	

Bit Assignment:

Inputs: (3 Bytes)	**Outputs (1 Byte)**
Bit 0 = Input 1 (Red)	Bit 0 = Output 1
Bit 1 = Input 2 (Green)	Bit 1 = Output 2
Bit 4 = Fault Bit (On if both	
Input 1 and Input 2 bits are set)	
Bits 8-15 = Analog Input (Low Byte)	
Bits 16-23 = Analog Input (High Byte)	

Temp Range	-40° to +85° C (-23° to 185° F)
Operating Life	Unlimited
Warranty	Two Years

Input/Output Module Wiring Diagram and Installation Notes

INSTALLATION NOTES:

1. DeviceNet bus communications connection points.
2. 24 VDC Bus powered Analog Input device connection points. (4-20mA)
3. Bus powered Discrete Input connection points for low power (7mA @ 24 VDC) gold contact mechanical switches, low power reed, or 2 wire and 3 wire PNP solid state proximity sensors (max allowable current leakage of sensors 0.165mA). Red LED is local indication of discrete Input 1 on/off status and the Green LED for discrete Input 2 on/off status.
4. Connection point for the "return" of 3 wire PNP sensors. (See Note 3)
5. Connection points for 24 VDC Bus powered Discrete Outputs (4 watts total power available) for low power solenoid valves and relays.