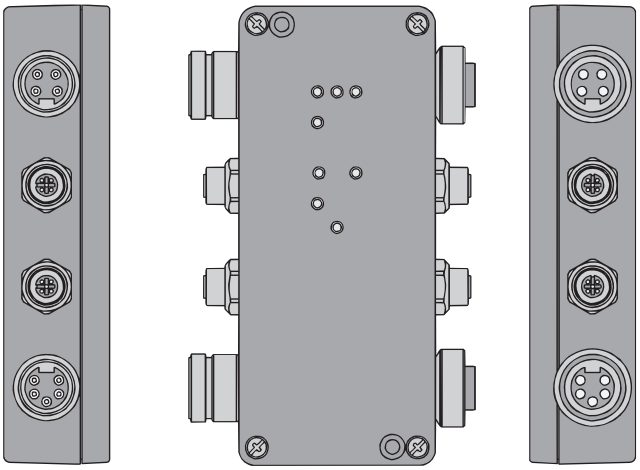


CDN2-IOM22-0032

This ***busstop*** ® station is designed to replace the equivalent CDN station. The PLC will not need to be reconfigured.

Note: There is no EDS file available for this station.

Each input connector provides V+, V-, and input. The V+ provides power to the attached sensor. The V+ is short-circuit protected and monitered as a group. The input will work with a PNP sensor or dry contact to V+.

Each output connector provides Aux- and output. Outputs are individually short-circuit protected and monitored individually.

The node address can be set using the rotary switches located under the device cover or through software node commissioning. The unit automatically detects the communication rate.

The **CDN2-IOM22-0032** supports explicit messaging, poll, change of state, and cyclic I/O messages. These connections are established through UCMM or predefined master/slave connection set.

CDN2-IOM22-0032

- Advanced DeviceNet™ station
- Two discrete inputs and two discrete outputs

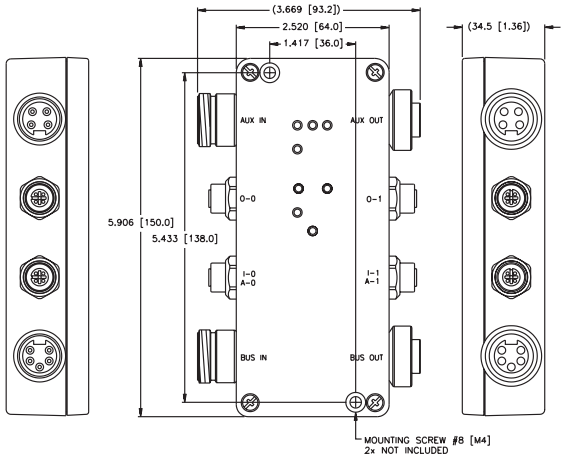
Applications

- For wet and dry environments
- For use with four 3-wire proximity and photoelectric sensors, and four discrete actuators

Features

- PNP short-circuit protected inputs
- 0.5 amp short-circuit protected outputs
- Rotary Address Switches

Dimensions



Connectors

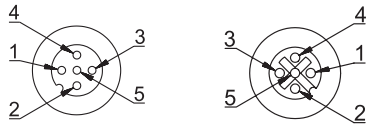
DeviceNet

Style: 5-pin ***minifast*** ®

Cordset: Bus Line use RSC RKC 572-*M

Tee: Bus Line use RSC 2RKC 57

1 = Shield
2 = V+
3 = V-
4 = CAN_H
5 = CAN_I



Male Female

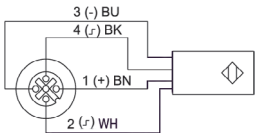
Through Bus

Connectors

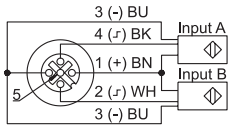
Style: 5-pin ***eurofast***®

Cordset: Single Sensor use RK 4.4T-*-RS 4.4T

1 = V+
2 = Alarm
3 = V-
4 = Input
5 = PE



Single Sensor



Splitter & 2 Sensors

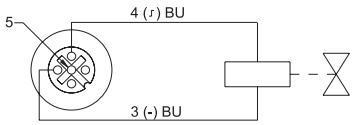
Type "G"

Style: 5-pin ***eurofast***®

Cordset: Single Sensor use RK 4.4T-*-RS 4.4T

Field Wireable: Single Output use BS 8141-0

1 = N/C
2 = N/C
3 = GND
4 = Output
5 = N/C



Single Output

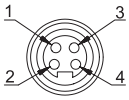
Aux Power

Style: 4-pin ***minifast***®

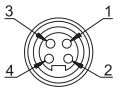
Cordset: Aux Power use RSM RKM 46-*M

Tee: Bus Line use RSM 2RKM 57

1 = Aux+
2 = E+
3 = E-
4 = Aux-



Male



Female

Auxiliary Power

I/O Data Mapping

Vendor Code: 48 Product Code: 517

Input Data	Byte	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
	0	OS-1	OS-0	IGS	IGS	A-1	A-0	I-1	I-0
Output Data	Byte	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
	0	-	-	-	-	-	-	O-1	O-0

Abbreviations

I = Input Data (0= OFF, 1= ON)

ISS = Input Short Status (0=Working, 1=Fault)

IOS = Input Open Status (0=Working, 1=Fault)

O = Output Data (0=OFF, 1=ON)

OS = Output Status (0=Working, 1=Fault)

OGS = Output Group Status (0=Working, 1=Fault)

CDN2-IOM22-0032
Two PNP Input and Two 0.5 A Output Group Diagnostic

Module Specifications

Supply Voltage	
Bus Power	11-26 VDC
Internal Current Consumption	≤75 mA plus sum of sensor and output currents (from bus power)
Auxiliary Power	18-26
Input Circuits	(2) PNP 3-wire sensors or dry contacts
Input Voltage (V+)	11-26 VDC (from bus power)
Input Short-Circuit (V+)	<700 mA (total, short-circuit protected)
Input Signal Current (Input)	OFF <2 mA ON 3.0-3.4 mA at 24 VDC
Input Delay	2.5 ms
Output Circuits	(2) DC acutators
Output Voltage	18-26 VDC (from bus power)
Output Load Current	0.5 A per output (from auxiliary power)
Open Circuit Current	100 Hz
I/O LED Indications	
	OFF = Off Green = On
Module/Network LED Status	
	Green: Established connection Flashing Green: Ready for connection Flashing Red: Connection time-out, I/O short-circuit, or Aux Power Failure Red: Connection not possible Flashing Amber: Detecting Autobaud Rate
Aux Power LED	
	ON = Auxiliary Power On OFF = No Auxiliary Power
Adjustments	via Rotary Switch
Address	0-63