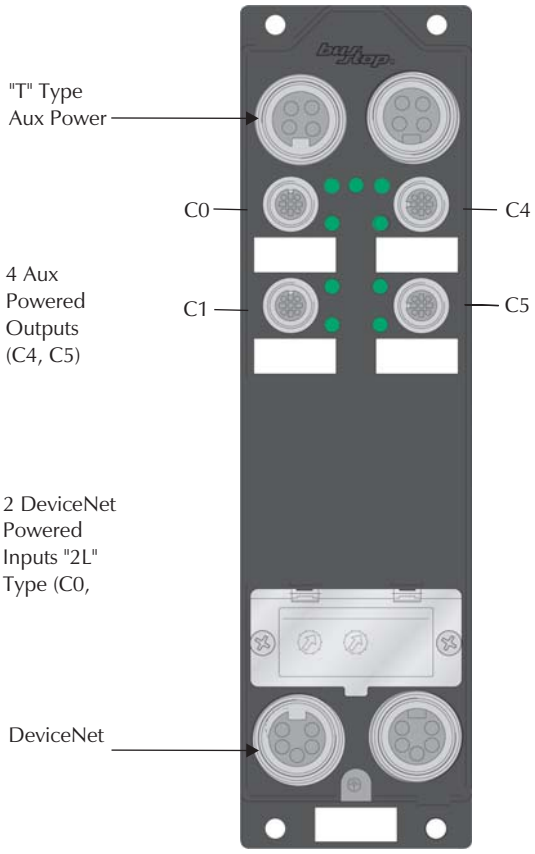


FDNP-L0402H-TT-0198

This ***busstop***® station is designed specifically to replace the CDN-IOM-22-0032.

No reconfiguration of the PLC is necessary.

FDNP-L0402H-TT-0198

- Advanced DeviceNet™ Station
- 2 x 2 discrete inputs and 2 discrete outputs

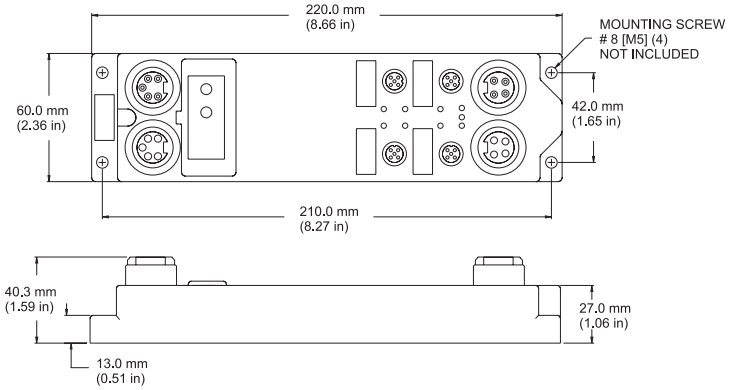
Applications

- For wet or dry environments
- For use with eight 3-wire or four 4-wire proximity and photoelectric sensors, and eight discrete actuators

Features

- NPN/PNP short-circuit protected inputs with open-circuit protection
- 2 Amp short-circuit protected outputs
- Glass filled nylon with nickel plated brass connectors
- Rotary address switches

Dimensions



Connectors

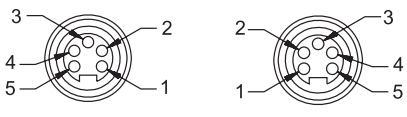
DeviceNet

Style: 5-pin ***minifast***®

Cordset: Bus Line use RSM RKM 579-*M

Tee: Bus Line use RSM 2RKM 57

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



Through Bus

Connectors (continued)

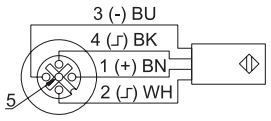
Type "2L"

Style: 5-pin ***eurofast***®

Cordset: Sensor with 2Signals use RK 4.4T-*-RS 4.4T

Splitter: Splitter and 2 Sensors VBRS 4.4-2RK 4T-*/*

1 = V+ (A)
2 = Input B
3 = V-
4 = Input A
5 = V+ (B)



Sensor with 2 Signals

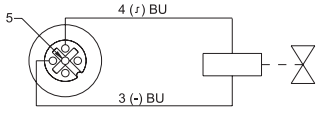
Type "H"

Style: 5-pin ***eurofast***®

Cordset: Single Output 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 = PE



Single Output

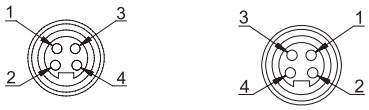
Type "T"

Style: 4-pin ***minifast***®

Cordset: Aux Power use RSM RKM 46-*M

Tee: Aux Power use RSM 2RKM 40

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



Male **Female**

Auxiliary Power

I/O Data Mapping

Product Code: 7/517 (205 hex)

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

Abbreviations

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

A =

OSS-1 =

ISS-1 =

Module Specifications

Supply Voltage	
Bus Power	11-26 VDC
Internal Current Consumption	≤100 mA plus sum of sensor currents (from bus power)
Auxiliary Power	18-26 VDC, optically isolated
Input Circuits	(4) NPN/PNP 3-wire sensors or dry contacts
Input Voltage (V+)	11-26 VDC (from bus power)
Open Circuit Current (V+)	≤ 1mA
Sensor Current (V+)	< 80 mA per input, short-circuit protected
Input Signal Current (Input)	OFF < 2 mA ON 3.0-3.4 mA at 24 VDC
Input Delay	2.5 ms
Maximum Switching Frequency	100 Hz
Output Circuits	(2) DC actuators
Output Voltage	18-26 VDC (from auxiliary power)
Output Load Current	2.0 A per output (8 Amps total)
Open Circuit Current	< 1 mA per output
Maximum Switching Frequency	100 Hz
I/O LED Indications	
	Amber = Open circuit OFF = Off GREEN = On RED = Short-circuit
Module Status LED	
	Green: working properly Flashing Green: detecting autobaud rate Flashing Red: I/O short-circuit
Network Status	
	Green: established connection Flashing Green: ready for connection Flashing Red: connection time-out Red: connection not possible
Adjustments	via Rotary Switch
Address	0-63
Communication Rate	Auto/125k/250k/500k
Housing	
Material	Glass filled nylon with nickel plated brass connectors
Enclosure	NEMA 1, 3, 4, 12, 13 and IEC IP 67
Operating Temperature	-25° to 70°C (-13° to 158°F)