4 Inputs and 4 Outputs

This **busstop** ® station provides a connection for 8 I/O points. The first 4 points are inputs. The other 4 points are outputs only. All inputs and outputs are powered by DeviceNet™. This is ideal for small systems that don't require auxillary power.

The **FDN20-S0404G-0220** supports explicit messaging, poll, change of state, and cyclic I/O messages. These connections are established through UCMM or predefined master/slave connection set.

FDN20-S0404G-0220

- Extremely flexible DeviceNet station
- Four inputs and four outputs

Applications

- For operator stations
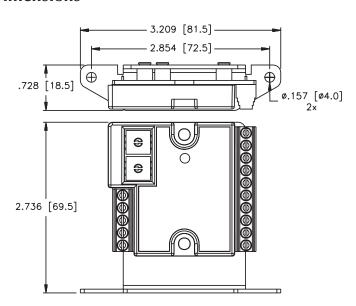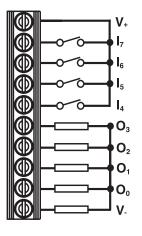- For use with PNP sensors or 0.5 amp outputs

Features

- PNP short-circuit protected inputs
- 0.5 amp short-circuit protected outputs
- All of the I/O is powered by DeviceNet

Dimensions

Screw Terminal Wiring

- To Connect as Inputs and Outputs

Module Specifications

Supply Voltage

Bus Power	11-26 VDC
Internal Current Consumption	≤75 mA plus sum of sensor and output currents (from bus power)

Input Circuits   (4) 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 0-4 V, 0.05 mA
	ON 8-24 VDC, 1-3.4 mA
Input Delay	2.5 ms

Output Circuits   (4) DC acutators

Output Voltage	18-26 VDC (from bus power)
Output Load Current	0.5 A each (from bus power)
Maximum Switching Frequency	100 Hz

Rotary Switch

0-63:	Address from switches
64-79:	Address from EEPROM
80-99:	Reserved

Network Status LED

Green: established connection
Flashing Green: ready for connection
Flashing Red: connection time-out
Red: connection not possible

Housing

Material	Nylon
Enclosure	IP 20
Operating Temperature	-40° to 70°C (-40° to 158°F)

I/O Data Mapping   Product Code: 7/3521

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

Abbreviations

I = Input Data (0= OFF, 1= ON)
O = Output Data (0=OFF, 1=ON)
OGS = Output Group Status (0=Working, 1=Fault)
IGS = Input Group Status (0=Working, 1=Fault)