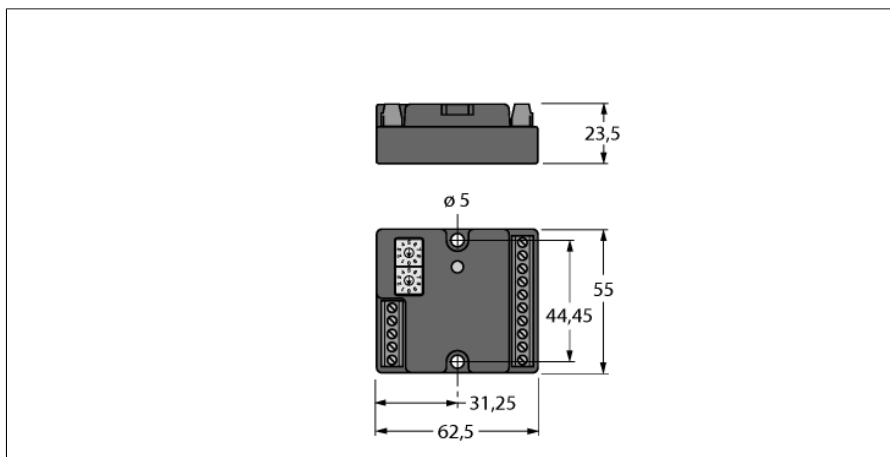


Compact I/O station for DeviceNet

4 Digital Inputs, 4 Universal Digital Channels

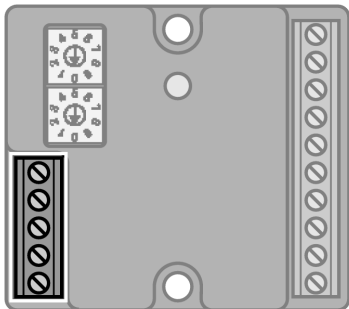
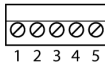
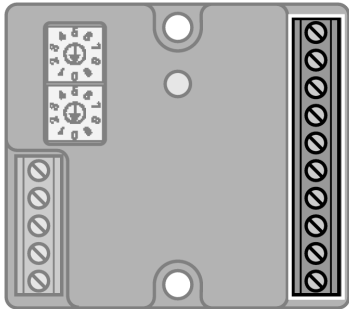
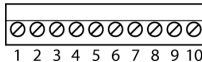
FDN20-4S-4XSG



- DeviceNet slave
- 5-pin screw-clamp terminal block, for DeviceNet fieldbus connection
- Rotary coding switch for setting the DeviceNet address
- 4 digital inputs
- 4 universal digital channels, DI/DO
- 24 VDC, PNP
- Output current: 0.5 A
- Protection class IP20

Type	FDN20-4S-4XSG
ID	F0177
Number of channels	8
internal power consumption	<50 mA plus I/O supply
Voltage supply via DeviceNet	24 VDC
Supply voltage	24 VDC
Admissible range field supply	11...26 VDC
Power dissipation, typical	≤ 1.2 W
Inputs	
Number of channels	8
Input voltage	11...26 VDC
Low level signal voltage	< 4 V
High level signal voltage	8...24 V
Low level signal current	< 0.5 mA
High level signal current	1...3.4 mA
Max. input current	Total: 700 mA
Outputs	
Number of channels	4
Output voltage	18...26 VDC
Output current per channel	0.5 A (from DeviceNet™)
Switching frequency	≤ 100 Hz
Short-circuit protection	yes
Fieldbus transmission rate	125/250/500 kbps
Fieldbus address range	0...63
Fieldbus addressing	2 decimally coded rotary switches
Dimensions (W x L x H)	55 x 62.5 x 23.5 mm
Housing material	Nylon
Ambient temperature	-40...+70 °C
Protection class	IP20
UL Certificate	pol. deg.2; surr. air temp. max. 40°C; cl.2 ps req.; tight. torque max. 0.56-0.79 Nm

Terminal assignment

	DeviceNet and Power Supply Fieldbus cable (example): CBC5-572-2M (ident no. 6606065) or RKC5701-5M (ident no. 6931035)	Terminal Connection <table><tr><td>1 = V +</td></tr><tr><td>2 = CAN_H</td></tr><tr><td>3 = SHD</td></tr><tr><td>4 = CAN_L</td></tr><tr><td>5 = V -</td></tr></table>	1 = V +	2 = CAN _H	3 = SHD	4 = CAN _L	5 = V -					
1 = V +												
2 = CAN _H												
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	I/O Channels	Terminal Connection <table><tr><td>1 = V -</td><td>6 = I 4</td></tr><tr><td>2 = I/O 0</td><td>7 = I 5</td></tr><tr><td>3 = I/O 1</td><td>8 = I 6</td></tr><tr><td>4 = I/O 2</td><td>9 = I 7</td></tr><tr><td>5 = I/O 3</td><td>10 = V +</td></tr></table>	1 = V -	6 = I 4	2 = I/O 0	7 = I 5	3 = I/O 1	8 = I 6	4 = I/O 2	9 = I 7	5 = I/O 3	10 = V +
1 = V -	6 = I 4											
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5 = I/O 3	10 = V +											

Accessories

Type code	Ident no.		Dimension drawing
FDN20-BKT-DIN	Z0076	Mounting adapter for mounting of 8-channel Fxx20 modules on DIN rail (TS 35)	