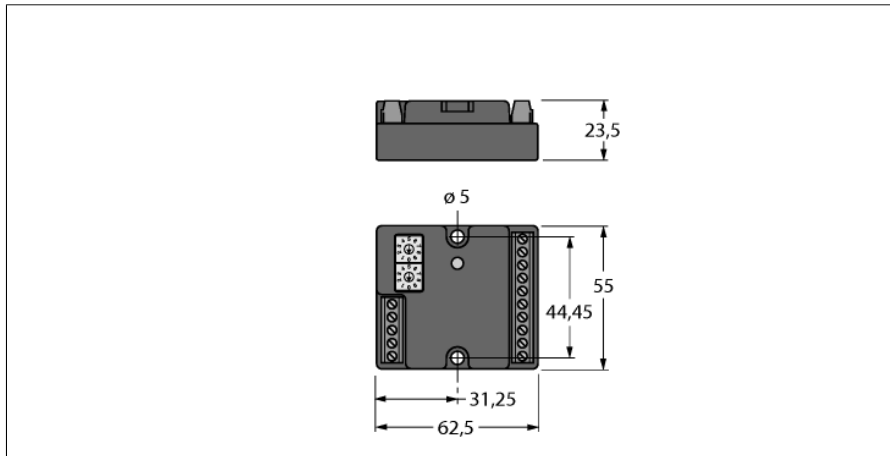


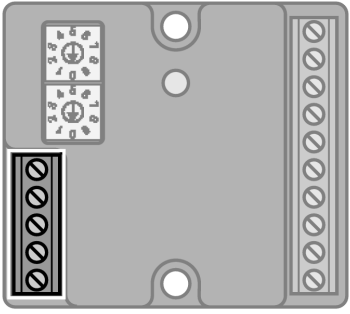
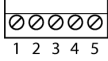
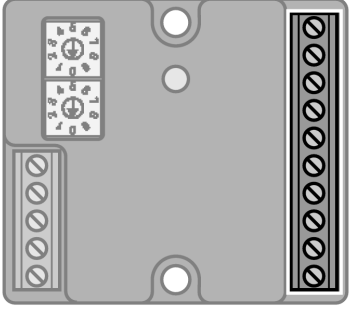
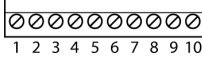
Compact I/O station for DeviceNet
4 Digital Inputs, 4 Universal Digital Channels
FDN20-4S-4XSG



Type designation	FDN20-4S-4XSG
Ident-No.	6611359
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
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
UL Certificate	pol. deg.2; surr. air temp. max. 40°C; cl.2 ps req.; tight. torque max. 0.56-0.79 Nm
Dimensions (W x L x H)	55 x 62.5 x 23.5mm
Housing material	Nylon
Operating temperature	-40...70°C
Protection class	IP20
Approvals	CE, UL
UL Certificate	pol. deg.2; surr. air temp. max. 40°C; cl.2 ps req.; tight. torque max. 0.56-0.79 Nm

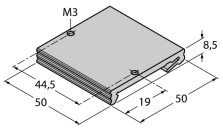
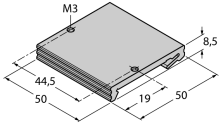
Compact I/O station for DeviceNet
4 Digital Inputs, 4 Universal Digital Channels
FDN20-4S-4XSG

Terminal assignment

	<p>DeviceNet™ and Power Supply Fieldbus cable (example): CBC5-572-2M (ident no. 6606065) or RKC5701-5M (ident no. 6931035)</p>	 <p>1 2 3 4 5</p> <p>1 = V + 2 = CAN_H 3 = SHD 4 = CAN_L 5 = V -</p>
	<p>I/O Channels</p>	 <p>1 2 3 4 5 6 7 8 9 10</p> <p>1 = V - 6 = I4 2 = I/O 0 7 = I5 3 = I/O 1 8 = I6 4 = I/O 2 9 = I7 5 = I/O 3 10 = V +</p>

Compact I/O station for DeviceNet
4 Digital Inputs, 4 Universal Digital Channels
FDN20-4S-4XSG

Accessories

Type code	Ident-No.	Description	Dimension drawing
FDN20-BKT-DIN	6931105	Mounting adapter for mounting of 8-channel Fxx20 modules on DIN rail (TS 35)	 <p>Technical drawing of a rectangular mounting adapter. Dimensions: width 50, height 19, depth 50. A hole with diameter 44.5 is located on the top surface. A hole with diameter 8.5 is located on the side surface. An M3 screw hole is indicated on the top surface.</p>
FDN20-BKT-DIN	Z0076	Mounting adapter for mounting of 8-channel Fxx20 modules on DIN rail (TS 35)	 <p>Technical drawing of a rectangular mounting adapter, identical to the one above. Dimensions: width 50, height 19, depth 50. A hole with diameter 44.5 is located on the top surface. A hole with diameter 8.5 is located on the side surface. An M3 screw hole is indicated on the top surface.</p>