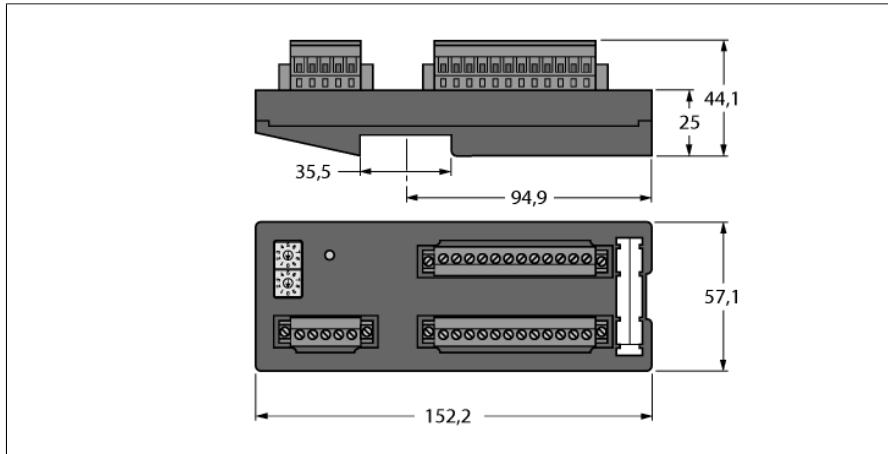


Compact I/O station for DeviceNet

16 Digital Inputs

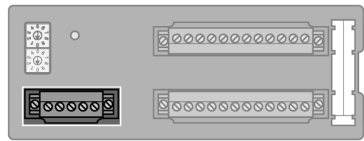
FDN20-16S



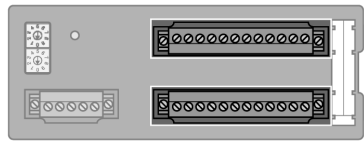
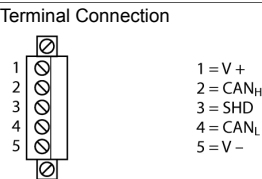
- DeviceNet slave
- Removable 5-pin screw-clamp terminal block, for DeviceNet fieldbus connection
- Rotary coding switch for setting the DeviceNet™ address
- 3 I/O supply groups galvanically isolated from each other
- 16 digital inputs
- 24 VDC, PNP
- Protection class IP20

Type	FDN20-16S
ID	F0176
Number of channels	16
Electrical isolation	I/Os to DeviceNet
internal power consumption	<75 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	16
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
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)	57.1 x 152.2 x 44.1 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)



Power Supply and I/O Channels
AUX1: Supply of the I/O channels 0 to 7
AUX2: Supply of the I/O channels 8 to 13
AUX3: Supply of the I/O channels 14 to 15
Via terminals V+ and V- more devices can be fed from the De-
viceNet™ supply with 24 VDC or with up to 0.7A.

