

EX245-DX1/DY1, Digital I/O Module EX245-DX1

Datasheet

General series information

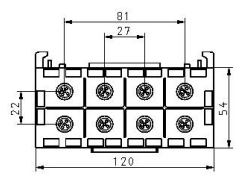
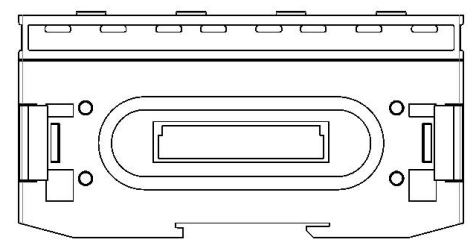
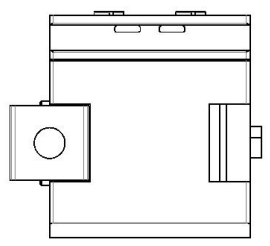
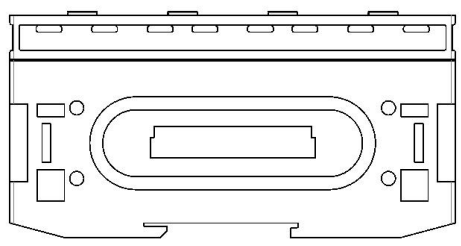
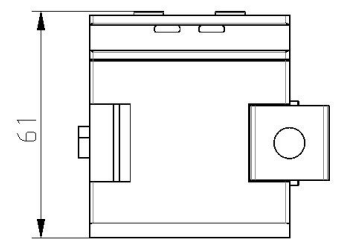
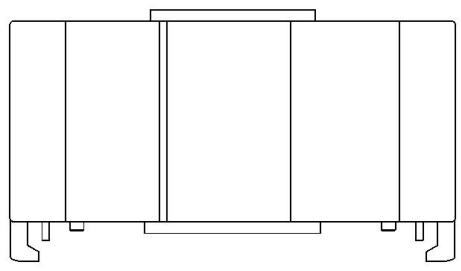
- EX245-DX1: 16 Digital Inputs, PNP, 5 pin M12 connector.
- EX245-DY1: 8 Digital Outputs, PNP, 5 pin M12 connector.

Standard specifications

Input/Output	DX1 (16 Inputs)
Operating humidity range	Operating, Stored: 35 to 85 % RH (No condensation)
Applicable load	Solenoid valve with surge voltage suppressor of 24 VDC, 1 W or less (SMC)
Power supply	24 VDC
Number of outputs	8
Enclosure	IP65 (Manifold assembly, With seal cap)
Power supply voltage	24 VDC
Operating temperature range	Operating: -10 to 50 °C
Max. load current	0.5 A / Connector, 2 A/Module
Short-circuit protection	Yes
Withstand voltage	500 VAC for 1 minute between external terminals and FE
Insulation resistance	500 VDC, 10 MΩ or more between external terminals and FE
Standards	CE
F459 - Inter. current cons.	50 mA
F467 - Input type	PNP
Input connector	M12 (5-pin) socket
Number of inputs	16
Max. supplied current	0.5 A / Connector, 2 A/Module
F471 - Input current (at 24 VDC)	Typ 4.5mA
F472 - ON voltage	11 to 30 V

F473 - OFF voltage	-3 to 5 V
F474 - Output connector	M12 (5-pin) socket
Weight	0.280 Kg

Dimensions



Additional information

Catalogue	EX245-B_EU.pdf
Declaration of conformity	newDoC_EX245_TF1ZE180EN.pdf DoC_EX245-x-Xx-TFM0013-B.pdf
Installation manuals	IM_EX245-DX-DY_TF2Z185EN.pdf
Operation manuals	OM_EX245-SPNxA_PROFINET_EN.pdf OM_EX245_OMU0020EN-A.pdf