



NX-ID6142-5

32 Digital Inputs, Standard speed, NPN/PNP 24 VDC, MIL40 connector (not included), 30 mm wide

Specifications

I/O system	NX I/O Bus
Type of module	Digital I/O
Number of digital inputs	32
Digital input type	PNP/NPN
Permitted voltage at input	19-28.8 V
OFF/ON delay	0.02-0.4 ms
Number of digital outputs	0
Digital output type	None
Output current	0 A
Short-circuit protected outputs	×
Connection method	1-wire
Signal processing	Free running, Standard speed, Synchronous
IO-Link master	×
I/O connection type	MIL (plug not included)
Number of I/O connectors	1
Detachable I/O terminal block	×
Suitable for safety functions	×
SIL according to IEC 61508	None
Communication port(s)	None
Number of IOV (V+) terminals	0
Number of IOG (V-) terminals	0
Number of COM terminals	4
Degree of protection (IP)	IP20

Product Height (unpacked)	100 mm
Product Width (unpacked)	30 mm
Product Depth (unpacked)	89.52 mm
Product Weight (unpacked)	135 g

Accessories



G70V-SID16P

Relay terminal, PLC Input, 16 channels, NPN, Push-in terminals



G70V-SID16P-1

Relay terminal, PLC Input, 16 channels, PNP, Push-in terminals

P2RV-4-100IMC

G2RV interface cable for use between CJ1W-ID233/ID262 and 4 P2RV-8-I-F modules, 1 m

P2RV-4-200IMC

G2RV interface cable for use between CJ1W-ID233/ID262 and 4 P2RV-8-I-F modules, 2 m



P2RVC-8ST-I-5

Interface unit for G2RV-SR/G3RV-ST Push-in, PLC Input, 8 channels, NPN, 30 VAC/DC, Total 2 A, Push-in



P2RVC-8ST-I-5-1

Interface unit for G2RV-SR/G3RV-ST Push-in, PLC Input, 8 channels, PNP, 30 VAC/DC, Total 2 A, Push-in



P2RVC-8ST-I-7-1

Interface unit for G2RV-SR/G3RV-ST Screw, PLC Input, 8 channels, PNP, 30 VAC/DC, Total 2 A, Rising-up screw



XW2D-20G6

General-purpose I/O terminal block, MIL20 socket, M3 captive screws, 20 points



XW2D-40G6

General-purpose I/O terminal block, MIL40 socket, M3 captive screws, 40 points



XW2K-40G-O32C

PLC interface wiring system with push-in plus technology and power supply terminal, 40 points MIL connector, Input/Output, 0.5 A, NPN/PNP, 30 VDC, DIN rail horizontal and vertical mounting



XW2Z-0030FF-L

I/O connection cable, unshielded, MIL40 to MIL40, 0.3 m



XW2Z-0050FF-L

I/O connection cable, unshielded, MIL40 to MIL40, 0.5 m



XW2Z-0100FF-L

I/O connection cable, unshielded, MIL40 to MIL40, 1 m



XW2Z-0100FH-L01

I/O connection cable, unshielded, MIL40 to 2 x MIL20, 1 m, cross-wired



XW2Z-0100FH-L02

I/O connection cable, unshielded, MIL40 to 2 x MIL20, 1 m



XW2Z-0100FN-L

I/O connection cable, unshielded, MIL40 to open ends, 1 m



XW2Z-0150FF-L

I/O connection cable, unshielded, MIL40 to MIL40, 1.5 m



XW2Z-0150FN-L

I/O connection cable, unshielded, MIL40 to open ends, 1.5 m



XW2Z-0200FF-L

I/O connection cable, unshielded, MIL40 to MIL40, 2 m



XW2Z-0200FH-L01

I/O connection cable, unshielded, MIL40 to 2 x MIL20, 2 m, cross-wired



XW2Z-0200FH-L02

I/O connection cable, unshielded, MIL40 to 2 x MIL20, 2 m



XW2Z-0200FN-L

I/O connection cable, unshielded, MIL40 to open ends, 2 m



XW2Z-0300FF-L

I/O connection cable, unshielded, MIL40 to MIL40, 3 m



XW2Z-0300FH-L02

I/O connection cable, unshielded, MIL40 to 2 x MIL20, 3 m



XW2Z-0300FN-L

I/O connection cable, unshielded, MIL40 to open ends, 3 m



XW2Z-0500FF-L

I/O connection cable, unshielded, MIL40 to MIL40, 5 m



XW2Z-0500FN-L

I/O connection cable, unshielded, MIL40 to open ends, 5 m



XW2Z-100K

I/O connection cable, MIL40 to MIL40, 1 m



XW2Z-100N

I/O connection cable, MIL40 to 2 x MIL20, 1 m, cross-wired



XW2Z-150K

I/O connection cable, MIL40 to MIL40, 1.5 m



XW2Z-200K

I/O connection cable, MIL40 to MIL40, 2 m



XW2Z-200N

I/O connection cable, MIL40 to 2 x MIL20, 2 m, cross-wired



XW2Z-300K

I/O connection cable, MIL40 to MIL40, 3 m



XW2Z-500K

I/O connection cable, MIL40 to MIL40, 5 m



XW2Z-500N

I/O connection cable, MIL40 to 2 x MIL20, 5 m, cross-wired



XW2Z-RO100-75-D1

I/O connection cable, with shield connection, MIL40 to 2 x MIL20 for G70V-ZOC16-3, 1 m



XW2Z-RO200-175-D1

I/O connection cable, with shield connection, MIL40 to 2 x MIL20 for G70V-ZOC16-3, 2.0 m and 1.75 m



XW2Z-RO75-50-D1

I/O connection cable, with shield connection, MIL40 to 2 x MIL20 for G70V-ZOC16-3, 0.75 m

CAD Library



IO-Link Series Brochure

EN PDF 7.95 MB



Machine Safety Solution Brochure

EN PDF 2.86 MB



NX-CT High-speed Counter Unit Brochure

EN PDF 863 KB



NX-HAD Brochure

EN PDF 1.22 MB



NX-HTC/NX-TC/EJ1/E5DC-B Temperature control units Flyer

EN PDF 3.28 MB



NX-IO Eu declaration of conformity

EN PDF 578 KB



NX-series Reference Manual

EN PDF 1.45 MB



NX-series Digital I/O Unit - NX-ID/IA/OD/OC/MD Datasheet

EN PDF 4.49 MB



NX-series Digital I/O Units Users Manual

EN PDF 11.5 MB



NX-series I/O system Brochure

EN PDF 8.37 MB



Omron NX-ECC20x EtherCAT ESI file

EN ZIP 1.51 MB



Sysmac Catalogue

EN PDF 43.5 MB



Sysmac: A Fully Integrated Platform Brochure

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