

RFID Units

Product name	Amplifier/Antenna	No. of unit numbers used	Model
RFID Unit (1Ch) 	V680 series	1	NX-V680C1
RFID Unit (2Ch) 		2	NX-V680C2

IO-Link Master Unit

Product name	Specification			Model
	Number of IO-Link ports	I/O refreshing method	I/O connection terminals	
IO-Link Master Unit 	4	Free-Run refreshing	Screwless clamping terminal block	NX-ILM400

Note: For details of IO-Link sensors and sensor I/O connectors, refer to the *IO-Link Series Catalog* (Cat. No. Y229).

System Units

Product Name	Specifications	Model
Additional NX Unit Power Supply Unit 	Power supply voltage: 24 VDC (20.4 to 28.8 VDC) NX Bus power supply capacity: 10 W max.	NX-PD1000
Additional I/O Power Supply Unit 	Power supply voltage: 5 to 24 VDC (4.5 to 28.8 VDC) I/O power feed maximum current: 4 A	NX-PF0630
	Power supply voltage: 5 to 24 VDC (4.5 to 28.8 VDC) I/O power feed maximum current: 10 A	NX-PF0730
I/O Power Supply Connection Unit 	Number of I/O power terminals: IOG: 16 terminals Current capacity of I/O power terminal: 4 A/terminal max.	NX-PC0010
	Number of I/O power terminals: IOV: 16 terminals Current capacity of I/O power terminal: 4 A/terminal max.	NX-PC0020
	Number of I/O power terminals: IOV: 8 terminals, IOG: 8 terminals Current capacity of I/O power terminal: 4 A/terminal max	NX-PC0030
Shield Connection Unit 	Number of shield terminals: 14 terminals (The lower two terminals are functional ground terminals.)	NX-TBX01

Optional Products and Maintenance Products

Product name	Specification	Model
Unit/Terminal Block Coding Pins	For 10 Units (Terminal Block: 30 pins, Unit: 30 pins)	NX-AUX02
End Cover	One End Cover is provided as a standard accessory with the Communication Coupler Unit.	NX-END01
DIN Track Insulation Spacer	A Spacer to insulate the control panel from the DIN Track. To insulate the Slave Terminal from the control panel, use Din Track Insulation Spacers.	NX-AUX01

Product name	Specification				Model
	No. of terminals	Terminal number indications	Ground terminal mark	Terminal current capacity	
Terminal Block	8	A/B	None	10 A	NX-TBA082
	12	A/B			NX-TBA122
	16	A/B			NX-TBA162
	12	C/D			NX-TBB122
	16	C/D			NX-TBB162
	8	A/B	Provided		NX-TBC082
	16	A/B			NX-TBC162

Safety Control Units **NX Series**

Ordering Information

Safety CPU Units

Unit type	Appearance	Specification					Model
		Maximum number of safety I/O points	Program capacity	Number of safety master connections	I/O refreshing method	Unit version	
Safety CPU Unit		256 points	512 KB	32	Free-Run refreshing	Ver.1.1	NX-SL3300
		1024 points	2048 KB	128	Free-Run refreshing	Ver.1.1	NX-SL3500

Note: Connect the Safety CPU Unit to the NX1P2 CPU Unit via the EtherCAT Coupler Unit.

Safety Input Units

Unit type	Appearance	Specification								Model
		Number of safety input points	Number of test output points	Internal I/O common	Rated input voltage	OMRON special safety input devices	Number of safety slave connections	I/O refreshing method	Unit version	
Safety Input Unit		4 points	2 points	Sinking inputs (PNP)	24 VDC	Can be connected.	1	Free-Run refreshing	Ver.1.1	NX-SIH400
		8 points	2 points	Sinking inputs (PNP)	24 VDC	Cannot be connected.	1	Free-Run refreshing	Ver.1.0	NX-SID800

Note: Connect the Safety Input Unit to the NX1P2 CPU Unit via the EtherCAT Coupler Unit.

Safety Output Units

Unit type	Appearance	Specification							Model
		Number of safety output points	Internal I/O common	Maximum load current	Rated voltage	Number of safety slave connections	I/O refreshing method	Unit version	
Safety Output Unit		2 points	Sourcing outputs (PNP)	2.0 A/point, 4.0 A/Unit at 40°C, and 2.5 A/Unit at 55°C The maximum load current depends on the installation orientation and ambient temperature.	24 VDC	1	Free-Run refreshing	Ver.1.0	NX-SOH200
		4 points	Sourcing outputs (PNP)	0.5 A/point and 2.0 A/Unit	24 VDC	1	Free-Run refreshing	Ver.1.0	NX-SOD400

Note: Connect the Safety Output Unit to the NX1P2 CPU Unit via the EtherCAT Coupler Unit.

Optional Products

Product Name	Specification				Model
Unit/Terminal Block Coding Pins	For 10 Units (Terminal Block: 30 pins, Unit: 30 pins)				NX-AUX02
Product name	Specification				Model
	No. of terminals	Terminal number indications	Ground terminal mark	Terminal current capacity	
Terminal Block	8	A/B	None	10 A	NX-TBA082
	16	A/B	None	10 A	NX-TBA162