












NX-CSG320

Safety Gateway for CIP-Safety, SD-Card slot, iBus connection up to 10 A, Interface 1: Ethernet/IP port, Interface 2: CIP-Safety switching ports

Specifications

I/O system	NX I/O Bus
Type of module	Communication
IO-Link master	✘
Suitable for safety functions	✔
SIL according to IEC 61508	3
Communication port(s)	EtherNet/IP, Other
Number of communication ports	3
Degree of protection (IP)	IP20
Product Height (unpacked)	100 mm
Product Width (unpacked)	72 mm
Product Depth (unpacked)	90 mm
Product Weight (unpacked)	390 g

Accessories

	NX-AUX02	Terminal block coding pins for 10x NX I/O units (terminal block: 30 pins, unit: 30 pins)
	XS6W-6LSZH8SS1000CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 10 m
	XS6W-6LSZH8SS100CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 1 m
	XS6W-6LSZH8SS2000CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 20 m
	XS6W-6LSZH8SS200CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 2 m
	XS6W-6LSZH8SS20CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 0.2 m
	XS6W-6LSZH8SS300CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 3 m
	XS6W-6LSZH8SS500CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 5 m
	XS6W-6LSZH8SS50CM-B	Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 0.5 m

Spare parts



NX-TBC082

Replacement screwless push-in connector with 8 wiring terminals (marked A+B+FG)

CAD Library



EAC Mark removal Discontinuation Notice

EN PDF 221 KB



NX-CSG NX-series Communication Control Unit

Datasheet

EN PDF 2.1 MB



NX-ECT 101 Users Manual

EN PDF 7.35 MB



NX-Series Safety Controller

Datasheet

EN PDF 10.8 MB



Omron GX-JC0x-x EtherCAT Junction Box

EtherCAT ESI file

EN ZIP 3.36 KB



Omron NX-ECC20x EtherCAT ESI file

EN ZIP 1.51 MB



PLC I/O Interface Wiring System Selection

System Manual

EN PDF 1.56 MB



Safety Controller NX- Series

Brochure

EN PDF 2.54 MB



Sysmac Catalogue

EN PDF 43.5 MB