

INDUSTRIAL COMPONENT DATA

NX-SL5700 NXS30010B NXSL5700 OMRON Safety controller, IPC-S and EtherCAT, 254 connections master security, u..

Brand: OMRON | Manufacturer Part Number: NX-SL5700



Manufacturer	OMRON
MPN / Reference	NX-SL5700
Catalog number	NXSL5700
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-0D4AA04656
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Product Overview

Safety controller, IPC-S and EtherCAT, 254 connections master security, until 2032 safety I/O, 4 MB of memory capacity, compatible with backup/restore to/from SD card

Safety controller, CIP-S and EtherCAT, 254 safety master connections, up to 2032 safety I/O, 4 MB memory capacity, SD Backup/Restore supported

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON > Integrated Automation > NX-safety
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Additional Product Information

I/O systemNX I/O BusType of moduleSafety controlNumber of digital inputs00Number of digital outputs00Number of analog inputs00Number of analog outputs00Signal processingSynchronousIO-Link masterSuitable for safety functionsSIL according to IEC 615083Communication port(s)NoneMemory size4096 kByteProduct Height (unpacked)100 mmProduct Width (unpacked)30 mmProduct Depth (unpacked)71 mmProduct Weight (unpacked)130 g
ETIM for 684734 PLC's (EC000236)
Feature Name
Feature Value
Performance level according to EN ISO 13849-1 (EF007399)
Level e
Model (EF000010)
Modular
SIL according to IEC 61508 (EF009889)

3

Voltage type (supply voltage) (EF002991)

DC

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Type of memory (EF002996)

EEPROM

Radio standard UMTS (EF008525)

No

Supporting protocol for EtherCAT (EF017564)

Yes

Appendant operation agent (Ex ib) (EF004142)

No

Supporting protocol for other bus systems (EF003062)

Yes

Supporting protocol for SERCOS (EF006657)

No

IO link master (EF007298)

No

Rack-assembly possible (EF007018)

Yes

Supporting protocol for KNX (EF003055)

No

Supporting protocol for LON (EF003017)

No

Supporting protocol for SUCONET (EF003060)

No

Supporting protocol for IEC 60870 (EF016069)

No

Supporting protocol for EtherNet/IP (EF007521)

Yes

Supporting protocol for DNP3 (EF016068)

No

Radio standard GSM (EF008524)

No

Supporting protocol for INTERBUS (EF003054)

No

Supporting protocol for Data-Highway (EF003058)

No

Supporting pr...

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GLOBAL OFFICES

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