

**INDUSTRIAL COMPONENT DATA**

# NX-CSG320 NX530012R NXCSG320 OMRON Security Gateway to security, CIP, SD card slot, connection to iBus up to..

Brand: OMRON | Manufacturer Part Number: NX-CSG320



|                 |                                                     |
|-----------------|-----------------------------------------------------|
| Manufacturer    | OMRON                                               |
| MPN / Reference | NX-CSG320                                           |
| Catalog number  | NXCSG320                                            |
| Category        | Fieldbus, decentr. periphery - communication module |
| Minimum order   | 1 Pcs                                               |
| Document ID     | EO-29467C6E09                                       |
| Generated       | 2026-08-03                                          |

## Product Overview

Security Gateway to security, CIP, SD card slot, connection to iBus up to 10 A, interface 1: Ethernet port/IP, interface 2: ports safety switch PIC

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

**STRUCTURED PRODUCT DATA**

## Technical Specifications

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

## Classification & Catalog Path

Catalog path      OMRON &gt; Integrated Automation &gt; NX-safety

## Additional Product Information

I/O systemNX I/O BusType of moduleCommunicationIO-Link masterSuitable for safety functionsSIL according to IEC 615083Communication port(s)EtherNet/IP, OtherNumber of communication ports3Degree of protection (IP)IP20Product Height (unpacked)100 mmProduct Width (unpacked)72 mmProduct Depth (unpacked)90 mmProduct Weight (unpacked)390 g  
ETIM for 684732 PLC's (EC001604)  
Feature Name  
Feature Value  
Degree of protection (IP) (EF005474)  
IP20  
Performance level according to EN ISO 13849-1 (EF007399)  
Level e  
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

Radio standard UMTS (EF008525)

No

Supporting protocol for EtherCAT (EF017564)

No

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 EtherNet/IP (EF007521)

Yes

Radio standard GSM (EF008524)

No

Supporting protocol for INTERBUS (EF003054)

No

Supporting protocol for Data-Highway (EF003058)

No

Supporting protocol for PROFINET IO (EF007525)

No

Supporting protocol for DeviceNet (EF003059)

No

Suitable for rail mounting (EF003972)

Yes

Supporting protocol for INTERBUS-Safety (EF006662)

No

Supporti...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-CSG320 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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