

INDUSTRIAL COMPONENT DATA

GX-OD1612 GX 5024C GXOD1612 OMRON Module EtherCAT up to 16 Outputs NPN 3-terminal

Brand: OMRON | Manufacturer Part Number: GX-OD1612



Manufacturer	OMRON
MPN / Reference	GX-OD1612
Catalog number	GXOD1612
Category	Fieldbus, decentr. periphery - digital I/O module
Minimum order	1 Pcs
Document ID	EO-967231A6F9
Generated	2026-08-01

Product Overview

Module EtherCAT up to 16 Outputs NPN 3-terminal

EtherCAT module 16 NPN 3-terminal outputs

EtherCAT digital I/O unit, 16 x outputs, NPN, 3-wire

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Remote I/O > Other

Additional Product Information

Communication port(s)EtherCAT SlaveType of moduleDigital I/OI/O connection typeScrewConnection
method3-wireNumber of digital inputs0Digital input typeNoneNumber of digital outputs16Digital output typeNPNPermitted
voltage at output0-26.4 VOutput current0.5 AShort-circuit protected outputsNumber of IOV (V+) terminals18Number of IOG
(V-) terminals18Number of COM terminals0I/O systemNoneDegree of protection (IP)IP20Product Height (unpacked)52
mmProduct Width (unpacked)200 mmProduct Depth (unpacked)68.9 mmProduct Weight (unpacked)370 g
ETIM for 343323 PLC's (EC001599)
Feature Name
Feature Value
Type of output voltage (EF008222)
DC
Degree of protection (IP) (EF005474)
IP20
Performance level according to EN ISO 13849-1 (EF007399)

Level a

SIL according to IEC 61508 (EF009889)

None

Voltage type (supply voltage) (EF002991)

DC

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Type of digital output (EF003601)

Transistor

Type of electric connection (EF003961)

Screw connection

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)

No

Supporting protocol for KNX (EF003055)

No

Supporting protocol for LON (EF003017)

No

Supporting protocol for SUCONET (EF003060)

No

Supporting protocol for EtherNet/IP (EF00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / GX-OD1612 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.