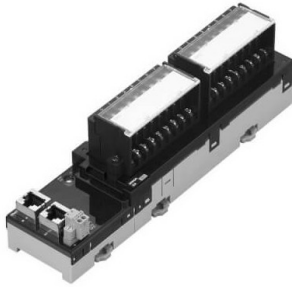


INDUSTRIAL COMPONENT DATA

GX-EC0241 GX 5027H GXEC0241 OMRON Module EtherCAT 2-input Encoder, line driver, PNP

Brand: OMRON | Manufacturer Part Number: GX-EC0241



Manufacturer	OMRON
MPN / Reference	GX-EC0241
Catalog number	GXEC0241
Category	Fieldbus, decentr. periphery - function-/technology module
Minimum order	1 Pcs
Document ID	EO-0BF044F0F7
Generated	2026-08-02

Product Overview

Module EtherCAT 2-input Encoder, line driver, PNP

EtherCAT I/O unit, 2 x encoder inputs, line driver

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 moduleEncoder inputI/O connection typeScrewDigital input typeLine driver (RS-422)Digital output typeNoneNumber of encoder input channels2Max. encoder input frequency4000 kHzNumber of status inputs6Number of status outputs0Number of IOV (V+) terminals12Number of IOG (V-) terminals12Number of COM terminals0Degree of protection (IP)IP20Product Height (unpacked)52 mmProduct Width (unpacked)215 mmProduct Depth (unpacked)68.9 mmProduct Weight (unpacked)470 g

ETIM for 343326 PLC's (EC001601)

Feature Name

Feature Value

Degree of protection (IP) (EF005474)

IP20

Voltage type (supply voltage) (EF002991)

DC

Certified for UL hazardous location class III (EF017627)

No

Supporting protocol for EtherCAT (EF017564)

Yes

Certified for UL hazardous location class II (EF017625)

No

Appendant operation agent (Ex ib) (EF004142)

No

Certified for UL hazardous location class I (EF017622)

No

Frequency measurement (EF000599)

Yes

Appendant operation agent (Ex ia) (EF004141)

No

Certified for UL hazardous location group G (non-conductive dusts) (EF017639)

No

Certified for UL hazardous location group F (carbonaceous dusts) (EF017638)

No

Certified for UL hazardous location group E (metal dusts) (EF017637)

No

Certified for UL hazardous location group A (acetylene) (EF017632)

No

Certified for UL hazardous location division 2 (EF017629)

No

Certified for UL hazardous location division 1 (EF017628)

No

Certified for UL hazardous location group D (propane) (EF017636)

No

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / GX-EC0241 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

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