

INDUSTRIAL COMPONENT DATA

CJ1W-CTL41-E CJ1W9029R CJ1WCTL41E OMRON Module 4 Counters High-Speed

Brand: OMRON | Manufacturer Part Number: CJ1W-CTL41-E



Manufacturer	OMRON
MPN / Reference	CJ1W-CTL41-E
Catalog number	CJ1WCTL41E
Category	PLC function/technology module
Minimum order	1 Pcs
Document ID	EO-C4E9D3C203
Generated	2026-08-01

Product Overview

Module 4 Counters High-Speed

High-speed counter unit, 4 axes, 24 VDC open collector and line driver encoders supported, 100 kHz input max. For 24 VDC open collector signals, use X

High-speed counter unit, 4 axes, 24 VDC open collector and line driver encoders supported, 100 kHz input max. For 24 VDC open collector signals, use XW2G-40G7-E terminal block and XW2Z-XXXX cables

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Control Systems > CJ1

Additional Product Information

I/O systemCJ I/O BusExpansion unit typeSpecial I/O UnitType of moduleEncoder inputDigital input typeIncremental encoder, Line driver (RS-422), Open collectorDigital output typeNoneNumber of encoder input channels4Max. encoder input frequency100 kHzNumber of pulse output channels0Max. pulse output frequency0 kHzI/O connection typeMIL (plug not included)Number of I/O connectors1Detachable I/O connectorSuitable for safety functionsCommunication port(s)NoneProduct Height (unpacked)95.4 mmProduct Width (unpacked)31 mmProduct Depth (unpacked)83.6 mmProduct Weight (unpacked)160 g

ETIM for 180688 PLC's (EC001422)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Performance level according to EN ISO 13849-1 (EF007399)

Level a

SIL according to IEC 61508 (EF009889)

None

Explosion safety category for gas (EF003997)

None

Suitable for counting (EF003248)

Yes

Suitable for welding control (EF003251)

No

Suitable for multi-axis positioning (EF003267)

No

Suitable for flux measurement (EF003261)

No

Suitable for weighing (EF003249)

No

Appendant operation agent (Ex ib) (EF004142)

No

Suitable for incremental data detection (EF003258)

Yes

Suitable for cam controller (EF003263)

No

Suitable for SSI (EF003254)

No

Suitable for CNC (EF003256)

No

Appendant operation agent (Ex ia) (EF004141)

No

Suitable for NC (EF003253)

No

Suitable for detection absolute value (EF003259)

No

Suitable for flying saw (EF003264)

No

Redundancy (EF003156)

No

Suitable for path controller (EF003262)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CJ1W-CTL41-E 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.