

INDUSTRIAL COMPONENT DATA

CP1W-40EDR CP1W9265G CP1W40EDR,1 OMRON Module Expansion 24/16 I/O relay Outputs

Brand: OMRON | Manufacturer Part Number: CP1W-40EDR



Manufacturer	OMRON
MPN / Reference	CP1W-40EDR
Catalog number	CP1W40EDR.1
Category	PLC digital I/O-module
Minimum order	1 Pcs
Document ID	EO-B01816F39E
Generated	2026-08-03

Product Overview

Module Expansion 24/16 I/O relay Outputs

I/O expansion unit, 24 x 24 VDC inputs, 16 x relay outputs 2 A

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 > CP1

Additional Product Information

Type of moduleDigital I/O
Number of digital inputs24
Digital input typePNP/NPN
OFF/ON delay0-32 ms
Permitted voltage at input20.4-26.4 V
Number of digital outputs16
Digital output typeRelay NO
Output current2 A
Permitted voltage at output5-250 V
Product Height (unpacked)90 mm
Product Width (unpacked)150 mm
Product Depth (unpacked)50 mm
Product Weight (unpacked)380 g

ETIM for 670909 PLC's (EC001419)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Type of voltage (input voltage) (EF003033)

DC

Type of output voltage (EF008222)

AC/DC

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

Level a

Type of digital output (EF003601)

Relay

Type of electric connection (EF003961)

Screw connection

SIL according to IEC 61508 (EF009889)

None

Voltage type (supply voltage) (EF002991)

DC

Explosion safety category for gas (EF003997)

None

Digital inputs configurable (EF008516)

Yes

Digital outputs configurable (EF008520)

Yes

Appendant operation agent (Ex ib) (EF004142)

No

Appendant operation agent (Ex ia) (EF004141)

No

Redundancy (EF003156)

No

Suitable for safety functions (EF001597)

No

Short-circuit protection, outputs available (EF003203)

No

Input current at signal 1 (EF001428)

5 mA

Number of digital outputs (EF001993)

16

Output current (EF003202)

2 A

Width (EF000008)

150 mm

Number of digital inputs (EF001992)

24

Height (EF000040)

90 mm

Depth (EF000049)

50 mm

Permitted voltage at input (EF007554)

20.4 V

Time delay at signal change (EF002382)

0 ms

Permitted voltage at outpu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1W-40EDR 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.