

INDUSTRIAL COMPONENT DATA

CP1W-16ER CP1W9256H CP1W16ER,1 OMRON Module

Expansion 16 relay Outputs

Brand: OMRON | Manufacturer Part Number: CP1W-16ER



Manufacturer	OMRON
MPN / Reference	CP1W-16ER
Catalog number	CP1W16ER.1
Category	PLC digital I/O-module
Minimum order	1 Pcs
Document ID	EO-9DC593AC77
Generated	2026-07-31

Product Overview

Module Expansion 16 relay Outputs
I/O expansion unit, 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 inputs0
Digital input typeNone
OFF/ON delay15-15 ms
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)86 mm
Product Depth (unpacked)50 mm
Product Weight (unpacked)280 g

ETIM for 670917 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)

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)

No

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

Number of digital outputs (EF001993)

16

Output current (EF003202)

2 A

Width (EF000008)

86 mm

Number of digital inputs (EF001992)

0

Height (EF000040)

90 mm

Depth (EF000049)

50 mm

Time delay at signal change (EF002382)

15 ms

Permitted voltage at output (EF007553)

5 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1W-16ER 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.