

INDUSTRIAL COMPONENT DATA

CP1W-20EDR1 CP1W9259B 670923 OMRON Expansion Module 12/8 I/O Relay Outputs

Brand: OMRON | Manufacturer Part Number: CP1W-20EDR1



Manufacturer	OMRON
MPN / Reference	CP1W-20EDR1
Catalog number	CP1W20EDR1.1
Category	PLC digital I/O-module
Minimum order	1 Pcs
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Product Overview

Module Expansion 12/8 I/O relay Outputs

I/O expansion unit, 12 x 24 VDC inputs, 8 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

Specifications

Type of module Digital I/O

Number of digital inputs 12

Digital input type PNP/NPN

OFF/ON delay 0-32 ms

Permitted voltage at input 20.4-26.4 V

Digital output type Relay NO

Number of digital outputs 8

Output current 2 A

Permitted voltage at output 5-250 V

Height 90 mm

Width 86 mm

Depth 50 mm

Weight 300 g

ETIM for 670923 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)

8

Output current (EF003202)

2 A

Width (EF000008)

86 mm

Number of digital inputs (EF001992)

12

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 output (EF007553)

5 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1W-20EDR1 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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