

INDUSTRIAL COMPONENT DATA

CP1W-20EDT1 CP1W9261D CP1W20EDT1,2 OMRON Module Expansion 12/8 I/O PNP Outputs

Brand: OMRON | Manufacturer Part Number: CP1W-20EDT1



Manufacturer	OMRON
MPN / Reference	CP1W-20EDT1
Catalog number	CP1W20EDT1.2
Category	PLC digital I/O-module
Minimum order	1 Pcs
Document ID	EO-CB1846051E
Generated	2026-08-01

Product Overview

Module Expansion 12/8 I/O PNP Outputs

I/O expansion unit, 12 x 24 VDC inputs, 8 x PNP outputs 0.3 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 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
Number of digital outputs 8
Digital output type PNP
Output current 0.3 A
Permitted voltage at output 4.5-30 V
Product Height (unpacked) 90 mm
Product Width (unpacked) 86 mm
Product Depth (unpacked) 50 mm
Product Weight (unpacked) 300 g
ETIM for 670919 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)

Transistor

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)

0.3 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1W-20EDT1 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.