

INDUSTRIAL COMPONENT DATA

CP1W-MAB221 CP1W0157M CP1WMAB221 OMRON Module

Expansion 2 analog inputs, 0-10V, 0-20mA & 2 outputs, 0-10V

Brand: OMRON | Manufacturer Part Number: CP1W-MAB221



Manufacturer	OMRON
MPN / Reference	CP1W-MAB221
Catalog number	CP1WMAB221
Category	PLC analogue I/O-module
Minimum order	1 Pcs
Document ID	EO-F854DB9256
Generated	2026-08-01

Product Overview

Module Expansion 2 analog inputs, 0-10V, 0-20mA & 2 outputs, 0-10V

I/O option board (only CP1L-EL/EM port 1 or 2), 2 x analog inputs 0 to 10 V, resolution 1:4000 or 0 to 20 mA, resolution 1:2000, 2 x analog outputs 0

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

ETIM for 364429 PLC's (EC001420)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

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

Level a

Type of electric connection (EF003961)

Screw connection

SIL according to IEC 61508 (EF009889)

None

Explosion safety category for gas (EF003997)

None

Output, current (EF003212)

No

Input, resistor (EF003206)

No

Input, voltage (EF003205)

Yes

Input, thermocouple (EF003208)

No

Analogue inputs configurable (EF008518)

Yes

Appendant operation agent (Ex ib) (EF004142)

No

Input, current (EF003204)

Yes

Analogue outputs configurable (EF008519)

No

Appendant operation agent (Ex ia) (EF004141)

No

Input, resistance thermometer (EF003207)

No

Suitable for safety functions (EF001597)

No

Input signal, configurable (EF003209)

Yes

Output signal configurable (EF003214)

No

Output, voltage (EF003213)

Yes

Number of analogue inputs (EF001994)

2

Resolution of the analogue outputs (EF003577)

12 Bit

Number of analogue outputs (EF001995)

2

Width (EF000008)

35 mm

Resolution of the analogue inputs (EF003575)

12 Bit

Height (EF000040)

35 mm

Depth (EF000049)

20 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1W-MAB221 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.