

INDUSTRIAL COMPONENT DATA

CP1L-EL20DT-D CP1W9213D CP1LEL20DTD,1 OMRON CPU Ethernet 12/8 I/O DC in NPN

Brand: OMRON | Manufacturer Part Number: CP1L-EL20DT-D



Manufacturer	OMRON
MPN / Reference	CP1L-EL20DT-D
Catalog number	CP1LEL20DTD.1
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-CDD7BA1BE8
Generated	2026-08-02

Product Overview

CPU Ethernet - 12/8 I/O DC in NPN

PLC, 24 VDC supply, 12 x 24 VDC inputs, 8 x NPN outputs 0.3 A, 2 x analog inputs, 5K steps program + 10K words data memory, 1 x Ethernet port

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

Additional Product Information

Specifications

Supply voltage type DC

Number of digital inputs 12

Input type PNP/NPN

Number of digital outputs 8

Output type NPN

Program capacity 15 K steps

Data memory capacity 10 K words

Logic execution time 0.55 µs

Communication port(s) Ethernet TCP/IP

Number of Ethernet ports 1

Number of USB ports 0

Number of RS-232 ports 0

Number of RS-485 ports 0

Communication option(s) CompoBus/S Slave, Serial RS-232C, Serial RS-422, Serial RS-485

Number of encoder input channels 4

Max. encoder input frequency 100 kHz

Max. number of PTP axes 2

Max. pulse output frequency 100 kHz

Function Block programming

Battery-free memory backup

Real-time clock

Analog option boards

Max. number of analog I/O channels 14

Max. number of local I/O points 60

Max. number of expansion units 1

Built-in auxiliary 24 VDC output 0 mA

Operating temperature range 0-55 °C

Height 90 mm

Width 130 mm

Depth 85 mm

Weight 380 g

Accessories

CP1W-ADB21 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

CP1W-CIF01 CP1 RS-232C (15 m max.) serial communication option board

CP1W-CIF11 CP1 RS422/485 (50 m max.) serial communication option board

CP1W-CIF12-V1 CP1 RS422/485 (isolated 500 m max.) serial communication option board

CP1W-CIF41 CP1 Ethernet communications option, 1 x RJ45 socket

CP1W-CN811 I/O expansion cable for CP1-series, 80 cm

CP1W-DAB21V I/O option board (only CP1L-EL/EM port 1 or 2), 2 x analog outputs 0 to 10 V, resolution 1:4000

CP...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1L-EL20DT-D 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.