

INDUSTRIAL COMPONENT DATA

CP1L-M40DT1-D CP1W9248G CP1LM40DT1D,1 OMRON CPU 24/16 I/O DC PNP Outputs

Brand: OMRON | Manufacturer Part Number: CP1L-M40DT1-D



Manufacturer	OMRON
MPN / Reference	CP1L-M40DT1-D
Catalog number	CP1LM40DT1D.1
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-B00BDF74E1
Generated	2026-08-03

Product Overview

CPU 24/16 I/O DC PNP Outputs

PLC, 24 VDC supply, 24 x 24 VDC inputs, 16 x PNP outputs 0.3 A, 10K steps program + 32K words data memory

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

Supply voltage typeDCNumber of digital inputs24Input typePNP/NPNNumber of digital outputs16Output typePNPProgram capacity10 K stepsData memory capacity32 K wordsLogic execution time0.55 µsCommunication port(s)USBNumber of Ethernet ports0Number of USB ports1Number of RS-232 ports0Number of RS-485 ports0Communication option(s)Serial RS-232C, Serial RS-422, Serial RS-485Number of encoder input channels4Max. encoder input frequency100 kHzMax. number of PTP axes2Max. pulse output frequency100 kHzFunction Block programmingBattery-free memory backupReal-time clockAnalogue option boardsMax. number of analogue I/O channels25Max. number of local I/O points160Max. number of expansion units3Built-in auxiliary 24 VDC output0 mAOperating temperature range0-55 °CProduct Height (unpacked)90 mmProduct Width (unpacked)150 mmProduct Depth (unpacked)85 mmProduct Weight (unpacked)550 g

ETIM for 668678 PLC's (EC000236)

Feature Name

Feature Value

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

Level a

Model (EF000010)
Compact
SIL according to IEC 61508 (EF009889)
None
Voltage type (supply voltage) (EF002991)
DC
Explosion safety category for gas (EF003997)
None
Explosion safety category for dust (EF003998)
None
Type of memory (EF002996)
FLASH
Radio standard UMTS (EF008525)
No
Supporting protocol for EtherCAT (EF017564)
No
Appendant operation agent (Ex ib) (EF004142)
No
Supporting protocol for other bus systems (EF003062)
Yes
Supporting protocol for SERCOS (EF006657)
No
IO link master (EF00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1L-M40DT1-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.