

INDUSTRIAL COMPONENT DATA

CP1E-N30S1DR-A CP1W0175R CP1EN30S1DRA OMRON CPU S1 18/12 I/O AC Relay Outputs RS-232c + RS-485 8K + 8K

Brand: OMRON | Manufacturer Part Number: CP1E-N30S1DR-A



Manufacturer	OMRON
MPN / Reference	CP1E-N30S1DR-A
Catalog number	CP1EN30S1DRA
Category	PLC CPU-module
Minimum order	1 Pcs
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Product Overview

CPU S1 18/12 I/O AC Relay Outputs RS-232c + RS-485 8K + 8K

PLC, 100-240 VAC supply, 18 x 24 VDC inputs, 12 x relay outputs 2 A, 8K steps program + 8K words data memory, RS-232C and RS-485 (half-duplex) 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 > CPM2C
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Additional Product Information

Specifications

Supply voltage type AC

Number of digital inputs 18

Input type PNP/NPN

Number of digital outputs 12

Output type Relay

Program capacity 8 K steps

Data memory capacity 8 K words

Logic execution time 1.19 µs

Communication port(s) Serial RS-232C, Serial RS-485, USB

Number of Ethernet ports 0

Number of USB ports 1

Number of RS-232 ports 1

Number of RS-485 ports 1
Communication option(s) CompoBus/S Slave, Serial RS-232C, Serial RS-422, Serial RS-485
Max. encoder input frequency 100 kHz
Max. number of PTP axes 0
Max. pulse output frequency 0 kHz
Function Block programming
Battery-free memory backup
Real-time clock
Analog option boards
Max. number of analog I/O channels 24
Max. number of local I/O points 150
Max. number of expansion units 3
Built-in auxiliary 24 VDC output 300 mA
Operating temperature range 0-55 °C
Height 90 mm
Width 130 mm
Depth 79 mm
ETIM for 377333 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)
AC
Explosion safety category for gas (EF003997)
None
Explosion safety category for dust (EF003998)
None
Type of memory (EF002996)
FLASH
Radio standard UMTS (EF008525)
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 (EF007298)
No
Rack-assembly possible (EF007018)
No
Supporti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1E-N30S1DR-A with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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