

INDUSTRIAL COMPONENT DATA

CK5M-CPU141 CK5M0002A CK5MCPU141 OMRON CK5M Quad Core 1040 CPU, 2 GB RAM, 4 GB Flash, 32 EtherCAT axes. Up t..

Brand: OMRON | Manufacturer Part Number: CK5M-CPU141



Manufacturer	OMRON
MPN / Reference	CK5M-CPU141
Catalog number	CK5MCPU141
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-BF1709FDA9
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Product Overview

CK5M Quad Core 1040 CPU, 2 GB RAM, 4 GB Flash, 32 EtherCAT axes. Up to 8 axis interface units can be connected via Expansion units, max 32 axis local.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Integrated Automation > CK3M Multi-axis Controller

Additional Product Information

Type of moduleCK5M Motion Control CPU
CPU clock frequency1.6 GHz
Max. number of axes via EtherCAT32
Number of digital inputs0
Number of digital outputs0
Number of analog inputs0
Max. number of axis interface units8
Communication port(s)EtherCAT Master, EtherNet/IP, MODBUS/TCP, USB
Product Height (unpacked)90 mm
Product Width (unpacked)63.2 mm
Product Depth (unpacked)80 mm
Product Weight (unpacked)386.6 g
ETIM for 720321 PLC's (EC000236)
Feature Name
Feature Value
Performance level according to EN ISO 13849-1 (EF007399)
None
Model (EF000010)
Modular
SIL according to IEC 61508 (EF009889)

None

Voltage type (supply voltage) (EF002991)

DC

Type of memory (EF002996)

FLASH

Radio standard UMTS (EF008525)

No

Supporting protocol for EtherCAT (EF017564)

Yes

Appendant operation agent (Ex ib) (EF004142)

No

Supporting protocol for SERCOS (EF006657)

No

IO link master (EF007298)

No

Rack-assembly possible (EF007018)

No

Supporting protocol for KNX (EF003055)

No

Supporting protocol for LON (EF003017)

No

Supporting protocol for SUCONET (EF003060)

No

Supporting protocol for IEC 60870 (EF016069)

No

Supporting protocol for DNP3 (EF016068)

No

Radio standard GSM (EF008524)

No

Supporting protocol for INTERBUS (EF003054)

No

Long-Term Evolution (LTE) (EF009547)

No

Supporting protocol for Data-Highway (EF003058)

No

Supporting protocol for PROFINET IO (EF007525)

No

Supporting protocol for DeviceNet (EF003059)

No

Supporting protocol for IEC 61850 Ethernet (EF015389)

No

Suitable for rail mounting (EF003972)

Yes

Suppor...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CK5M-CPU141 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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