

INDUSTRIAL COMPONENT DATA

CK3M-CPU121 CK3M0006G CK3MCPU121 OMRON CK3M CPU, 1 GB RAM, 1 GB Flash, 8 EtherCAT axes. Up to two axis inter..

Brand: OMRON | Manufacturer Part Number: CK3M-CPU121



Manufacturer	OMRON
MPN / Reference	CK3M-CPU121
Catalog number	CK3MCPU121
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-A09A956720
Generated	2026-08-01

Product Overview

CK3M CPU, 1 GB RAM, 1 GB Flash, 8 EtherCAT axes. Up to two axis interface units can be connected. Expansion units can be connected

CK3M CPU, 1 GB RAM, 1 GB removable memory, 8 EtherCAT axes, up to 2 axis interface units can be connected, expansion units can also be connected.

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 moduleCK3M Motion Control CPU
CPU clock frequency1.0 GHz
Max. number of axes via EtherCAT8
Number of digital inputs0
Number of digital outputs0
Number of analog inputs0
Max. number of axis interface units4
Communication port(s)EtherCAT Master, Ethernet TCP/IP, USB
Product Height (unpacked)90 mm
Product Width (unpacked)63.2 mm
Product Depth (unpacked)80 mm
Product Weight (unpacked)230 g

ETIM for 684963 PLC's (EC000236)

Feature Name

Feature Value

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

None

Model (EF000010)

Modular

Voltage type (supply voltage) (EF002991)

DC

Type of memory (EF002996)

FLASH

Radio standard UMTS (EF008525)

No

Supporting protocol for EtherCAT (EF017564)

Yes

Supporting protocol for other bus systems (EF003062)

Yes

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 EtherNet/IP (EF007521)

Yes

Supporting protocol for DNP3 (EF016068)

No

Radio standard GSM (EF008524)

No

Supporting protocol for INTERBUS (EF003054)

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

Supporting protocol for INTERBUS-Safety....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CK3M-CPU121 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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