

INDUSTRIAL COMPONENT DATA

CK5M-CPU131 CK5M0001C CK5MCPU131 OMRON CK5M Quad Core 1040 CPU, 2 GB RAM, 4 GB Flash, 16 EtherCAT axes. Up t..

Brand: OMRON | Manufacturer Part Number: CK5M-CPU131



Manufacturer	OMRON
MPN / Reference	CK5M-CPU131
Catalog number	CK5MCPU131
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-3A11E5B333
Generated	2026-08-03

Product Overview

CK5M Quad Core 1040 CPU, 2 GB RAM, 4 GB Flash, 16 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 EtherCAT16
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)250 g

ETIM for 709554 PLC's (EC000236)

Feature Name

Feature Value

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

None

Type of memory (EF002996)

FLASH

Voltage type (supply voltage) (EF002991)

DC
Radio standard UMTS (EF008525)
No
Supporting protocol for PROFIsafe (EF007526)
No
System accessory (EF004118)
No
Certified for UL hazardous location class III (EF017627)
No
Supporting protocol for PROFIBUS (EF003052)
No
Radio standard GPRS (EF008523)
No
Supporting protocol for EtherCAT (EF017564)
Yes
Certified for UL hazardous location class II (EF017625)
No
Certified for UL hazardous location class I (EF017622)
No
Supporting protocol for DeviceNet Safety (EF007520)
No
Wall mounting/direct mounting (EF007020)
No
Supporting protocol for Foundation Fieldbus (EF007522)
No
Supporting protocol for SafetyBUS p (EF007527)
No
Supporting protocol for SERCOS (EF006657)
No
IO link master (EF007298)
No
Rack-assembly possible (EF007018)
No
Supporting protocol for KNX (EF003055)
No
Certified for UL hazardous location group G (non-conductive dusts) (EF017639)
No
Supporting protocol for PROFINET CBA (EF007524...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CK5M-CPU131 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.