

## INDUSTRIAL COMPONENT DATA

**XIOC-2CNT-100KHZ 257907 0004519681 EATON ELECTRIC**  
**Counter module for XC100/200, 24 V DC, 2x100kHz, 4DO(T)**

Brand: EATON - MOELLER | Manufacturer Part Number: XIOC-2CNT-100KHZ



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | EATON - MOELLER                |
| MPN / Reference | XIOC-2CNT-100KHZ               |
| Catalog number  | 0004519681                     |
| Category        | PLC function/technology module |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-150B6954F8                  |
| Generated       | 2026-08-04                     |

**Product Overview**

Counter module for XC100/200, 24 V DC, 2x100kHz, 4DO(T)

XIOC-2CNT-100KHZ

Modular programmable controllers XC100 and XC200 offer an outstanding level of scalability. Different CPU performance classes and a wide range of expansion modules (XIOC-Module) are available. The compact modular PLCs XC152 facilitate cost-effective solutions of automation tasks using their computing power, the SmartWire-DT interface as well as a whole range of further interfaces. A particular feature is the ability to integrate the product into modern communication concepts. Data exchange via the Ethernet interface to OPC clients or the integrated WEB servers enables the creation of innovative solutions.

## STRUCTURED PRODUCT DATA

**Technical Specifications**

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

**Classification & Catalog Path**

Catalog path EATON - MOELLER &gt; XC Modular PLC

**Additional Product Information**

General specifications

Product Name Eaton XIOC Counter module Catalog Number 257907 Model Code XIOC-2CNT-100KHZ EAN

4015082579074 Product Length/Depth 100 mm Product Height 95 mm Product Width 30 mm Product Weight 0.155 kg

Certifications IEC/EN 61131-2

UL

CSA File No.: 012528

UL508

EN 50178

UL File No.: E135462

CSA-C22.2 No. 142-M

UL Category Control No.: NRAQ

CSA-C22.2 No. 0-M

CSA

CE

CSA Class No.: 2252-01 Features & Functions

Functions Single-axis positioning possible

Single-axis controller possible General

Admissible range 20.4 - 28.8 V (11.8 - 14.4 V), Power supply Current consumption 200 mA (Ie), internal current consumption, Inputs

200 mA, Outputs Degree of protection IP20 Number of channels 4, Output Overvoltage category II Pollution degree 2

Protection class 1 Rated frequency 100 (25 with four-fold resolution) Repetition rate 1 s Residual ripple ≤ 5 % Suitable for Counting

Incremental data detection Type Counter module Used with XC100/200 (expandable with up to 15 XI/OC modules) Ambient conditions, mechanical

Impact resistance 500 g/? 50 mm ±25 g Shock resistance 15 g, Mechanical, Shock duration 11 ms Vibration resistance 10 - 57 Hz, ± 0.075 mm

57 - 150 Hz ± 1.0 mm Climatic environmental conditions

Ambient operating temperature - min 0 °C Ambient operating temperature - max 55 °C Ambient storage temperature - min -25 °C Ambient storage temperature - max 70 °C Electro magnetic compatibility

Emitted interference Class A (according to DIN/EN 55011/22) Voltage dips 10 ms...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / XIOC-2CNT-100KHZ with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.