

**INDUSTRIAL COMPONENT DATA**

# XIO-EXT121-1 290450 EATON ELECTRIC Expansion for compact PLC XC-CPU121, 10DI, 8DI/DO(T), 6AI, 2AO

Brand: EATON - MOELLER | Manufacturer Part Number: XIO-EXT121-1



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | EATON - MOELLER                 |
| MPN / Reference | XIO-EXT121-1                    |
| Catalog number  | 290450                          |
| Category        | PLC analogue/digital I/O-module |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-052EEF80C0                   |
| Generated       | 2026-08-04                      |

## Product Overview

Expansion for compact PLC XC-CPU121, 10DI, 8DI/DO(T), 6AI, 2AO

XIO-EXT121-1

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 > XC Modular PLC**

## Additional Product Information

General specifications

Product Name Eaton XIOC Insulated enclosure Catalog Number 290450 Model Code XIO-EXT121-1 EAN 4015082904500

Product Length/Depth 100 mm Product Height 100 mm Product Width 60 mm Product Weight 0.195 kg Certifications CE

UL File No.: E135462

EN 50178

UL

Shipping classification (DNV, GL, ABS, BV, LR)

CSA Class No.: 2252-01

CSA-C22.2 No. 142-M

UL/CSA

UL508

CSA File No.: 012528

IEC/EN 61131-2

CSA-C22.2 No. 0-M

UL Category Control No.: NRAQ

CSA Features & Functions

Electric connection type Plug-in connection Features Analog input, current

Analog input, resistor temperature

Analog input, voltage

Analog output, voltage Functions Digital in-/outputs, configurable

Overvoltage protection General

Admissible range 20.4 - 28.8 V DC, Rated voltage for the digital outputs Degree of protection IP20 Duty factor 100 %

(Digital outputs) Operating frequency 40000 Operations/h at resistive load Overvoltage category II Pollution degree 2

Repetition rate 1 s Residual current 0.1 mA (on signal "1" per channel) Residual ripple 5 % (digital outputs)

<= 5 % Resistance 10 k $\Omega$  (impedance)

18.5 - 175.8  $\Omega$  (Pt100) Resolution Voltage type DC Ambient conditions, mechanical

Mounting position Horizontal Shock resistance 15 g, Mechanical, Shock duration 11 ms Vibration resistance 9 - 150 Hz, 1 g constant acceleration

5 - 9 Hz, Amplitude 3.5 mm Climatic environmental conditions

Air pressure 795 - 1080 hPa (operation) Ambient operating temperature - min 0 °C Ambient operating temperature - ma...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / XIO-EXT121-1 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

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