

## INDUSTRIAL COMPONENT DATA

# XN-4AI-U/I 140158 Y7-140158 EATON ELECTRIC Analog input card XI/ON, 24 V DC, 4AI (-10/0 to +10V, 0/4 to 20mA)

Brand: EATON - MOELLER | Manufacturer Part Number: XN-4AI-U/I



|                 |                                                    |
|-----------------|----------------------------------------------------|
| Manufacturer    | EATON - MOELLER                                    |
| MPN / Reference | XN-4AI-U/I                                         |
| Catalog number  | Y7-140158                                          |
| Category        | Fieldbus, decentr. periphery - analogue I/O module |
| Minimum order   | 1 Pcs                                              |
| Document ID     | EO-7EF42DA58F                                      |
| Generated       | 2026-08-06                                         |

## Product Overview

Analog input card XI/ON, 24 V DC, 4AI (-10/0 to +10V, 0/4 to 20mA)

XN-4AI-U/I

The XI/ON standard I/O system offers the right I/O solution for every application due to its great modularity and large variety of functions. Pluggable modules, hot-swapping of modules, wiring on the basic module screw or tension spring, modules' mechanical coding. The standard gateways support the CANopen bus systems, PROFIBUS-DP deviceNet and Ethernet.

## 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 > Remote I / O Modules XION

## Additional Product Information

### General specifications

Product Name Eaton XN Accessory Input card Catalog Number 140158 Model Code XN-4AI-U/I EAN 7640130120280

Product Length/Depth 74.1 mm Product Height 55.4 mm Product Width 12.6 mm Product Weight 0.034 kg Certifications CE

UL Category Control No.: NRAQ, NRAQ7

UL report applies to both US and Canada

IEC/EN 6113-2

UL File No.: E205091

IEC/EN 61131-2

CSA Class No.: 2252-01, 2252-81

UL Recognized

IEC/EN 61000-6-4

CSA-C22.2 No. 142

UL 508

Certified by UL for use in Canada

cULus

IEC/EN 61000-6-2 Features & Functions

Electric connection type Screw-/spring clamp connection Features Input signal, configurable

Input, current

Input, voltage

Measuring principle: Delta Sigma

Analog outputs configurable

Fieldbus connection over separate bus coupler possible

Analog inputs configurable Functions Diagnosis function General

Current consumption 20 mA, from supply terminal

50 mA, from module bus, Analog input modules Degree of protection IP20

NEMA 1 Limit frequency 20 Hz (- 3 db) Mounting method Rail mounting possible Number of channels 4 Product category

XN Slice module Repetition accuracy 0.09 % (deviation) Resolution 16-bit (Resolution of the A/D converter) Suitable for

Base modules without C-Connection: 2-wire/3-wire Type XI/ON I/O module Used with XN-S6S-SBCSBC

XN-S6T-SBCSBC Voltage type DC Ambient conditions, mechanical

Drop and topple According to IEC 60068-2-31, free fall according to IEC 60068-2-32 Shock resistance Continuous according to IEC/EN 60068-2-29

Mechanic...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / XN-4AI-U/I 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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