

## INDUSTRIAL COMPONENT DATA

# XN-4DI-24VDC-P 140052 Y7-140052 EATON ELECTRIC Digital input card XI/ON, 24 V DC, 4DI, pulse-switching

Brand: EATON - MOELLER | Manufacturer Part Number: XN-4DI-24VDC-P



|                 |                                                   |
|-----------------|---------------------------------------------------|
| Manufacturer    | EATON - MOELLER                                   |
| MPN / Reference | XN-4DI-24VDC-P                                    |
| Catalog number  | Y7-140052                                         |
| Category        | Fieldbus, decentr. periphery - digital I/O module |
| Minimum order   | 1 Pcs                                             |
| Document ID     | EO-F2091942C7                                     |
| Generated       | 2026-08-04                                        |

## Product Overview

Digital input card XI/ON, 24 V DC, 4DI, pulse-switching

XN-4DI-24VDC-P

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 140052 Model Code XN-4DI-24VDC-P EAN

7640130120303 Product Length/Depth 74.1 mm Product Height 55.4 mm Product Width 12.6 mm Product Weight 0.026 kg

Certifications Certified by UL for use in Canada

IEC/EN 61000-6-2

UL Recognized

UL report applies to both US and Canada

UL 508

CULus

IEC/EN 6113-2

CSA-C22.2 No. 142

IEC/EN 61131-2

UL Category Control No.: NRAQ, NRAQ7

CE

IEC/EN 61000-6-4

UL File No.: E205091

CSA Class No.: 2252-01, 2252-81 Features & Functions

Electric connection type Screw-/spring clamp connection Features Fieldbus connection over separate bus coupler possible

Functions Positive switching General

Current consumption 40 mA, from supply terminal

28 mA, from module bus, Analog input modules Degree of protection IP20 Mounting method Rail mounting possible

Number of channels 4 Product category XN Slice module Suitable for Base modules without C-Connection: 2-/3-wire

Base modules without C-Connection: 4-wire Type I/O module Used with XN-S4S-SBBS

XN-S4T-SBBS

XN-S6S-SBBSBB

XN-S6T-SBBSBB 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 Mechanical,

According to IEC/EN 60068-2-27

Continuous according to IEC/EN 60068-2-29 Vibration resistance According to IEC/EN 60068-2-6 Climatic environmental conditions

Ambient operating temperature - min 0 °C Ambient operating temperature - max 55 °C Ambient sto...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / XN-4DI-24VDC-P 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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