

INDUSTRIAL COMPONENT DATA

XN-2DI-24VDC-P 140056 Y7-140056 EATON ELECTRIC Digital input card XI/ON, 24 V DC, 2DI, pulse-switching

Brand: EATON - MOELLER | Manufacturer Part Number: XN-2DI-24VDC-P



Manufacturer	EATON - MOELLER
MPN / Reference	XN-2DI-24VDC-P
Catalog number	Y7-140056
Category	Fieldbus, decentr. periphery - digital I/O module
Minimum order	1 Pcs
Document ID	EO-BD90A13E6C
Generated	2026-08-04

Product Overview

Digital input card XI/ON, 24 V DC, 2DI, pulse-switching

XN-2DI-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 140056 Model Code XN-2DI-24VDC-P EAN

7640130120181 Product Length/Depth 55.4 mm Product Height 74.1 mm Product Width 12.6 mm Product Weight 0.026 kg

Certifications UL Category Control No.: NRAQ, NRAQ7

UL report applies to both US and Canada

IEC/EN 61000-6-2

IEC/EN 61000-6-4

UL Recognized

IEC/EN 61131-2

UL 508

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

CE

CSA-C22.2 No. 142

UL File No.: E205091

CULus

IEC/EN 6113-2

Certified by UL for use in Canada Features & Functions

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

Functions Positive switching General

Current consumption 20 mA, from supply terminal

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

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

Base modules with C-connection: 4-wire

Base modules without C-Connection: 2-wire proximity switches (Bero® initiators) can be attached, with a permissible quiescent current up to 1.5 mA. Type I/O module Used with XN-S3T-SBB

XN-S4T-SBBC

XN-S4S-SBBC

XN-S3S-SBB 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

Mechanical, According to IEC/EN 60068-2-27 Vibration resistance According to IEC/EN...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / XN-2DI-24VDC-P 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 PI #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.