

INDUSTRIAL COMPONENT DATA

XN-2AI-U(-10/0...+10VDC) 140145 Y7-140145 EATON ELECTRIC Analog input card XI/ON, 24 V DC, 2AI (-10/0 to +10..

Brand: EATON - MOELLER | Manufacturer Part Number: XN-2AI-U(-10/0...+10VDC)



Manufacturer	EATON - MOELLER
MPN / Reference	XN-2AI-U(-10/0...+10VDC)
Catalog number	Y7-140145
Category	Fieldbus, decentr. periphery - analogue I/O module
Minimum order	1 Pcs
Document ID	EO-205A529296
Generated	2026-08-06

Product Overview

Analog input card XI/ON, 24 V DC, 2AI (-10/0 to +10V)

XN-2AI-U(-10/0...+10VDC)

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 140145 Model Code XN-2AI-U(-10/0...+10VDC) EAN 7640130120136 Product Length/Depth 55.4 mm Product Height 74.1 mm Product Width 12.6 mm Product Weight 0.033 kg

Certifications CSA-C22.2 No. 142

UL 508

Certified by UL for use in Canada

UL report applies to both US and Canada

IEC/EN 61000-6-2

CULus

UL Recognized

CE

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

UL Category Control No.: NRAQ, NRAQ7

IEC/EN 61131-2

UL File No.: E205091

IEC/EN 6113-2

IEC/EN 61000-6-4 Features & Functions

Electric connection type Screw-/spring clamp connection Features Analog outputs configurable

Measuring principle: Delta Sigma

Fieldbus connection over separate bus coupler possible

Input, voltage

Input signal, configurable

Analog inputs configurable Functions Diagnosis function General

Current consumption 35 mA, from module bus, Analog input modules

12 mA, from supply terminal Degree of protection IP20

NEMA 1 Limit frequency < 50 Hz (- 3 db) Mounting method Rail mounting possible Number of channels 2 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-/3-wire

Base modules without C-Connection, for sensor feeding: 4-wire Type XI/ON I/O module Used with XN-S3S-SBB

XN-S3T-SBB

XN-S4S-SBBS

XN-S4T-SBBS Voltage type DC Ambient conditions, mechanical

Drop and topple According to IEC 60068-2-31, free fall according to IEC 6...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / XN-2AI-U(-10/0...+10VDC) 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 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.