

INDUSTRIAL COMPONENT DATA

XN-322-1CNT-8DIO 178795 Y7-178795 EATON ELECTRIC

Counter module, 4 digital inputs +24 V , 4 digital outputs,..

Brand: EATON - MOELLER | Manufacturer Part Number: XN-322-1CNT-8DIO



Manufacturer	EATON - MOELLER
MPN / Reference	XN-322-1CNT-8DIO
Catalog number	Y7-178795
Category	Fieldbus, decentr. periphery - function-/technology module
Minimum order	1 Pcs
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Product Overview

Counter module, 4 digital inputs +24 V , 4 digital outputs, +24 V/ 2A, 1 incremental encoder input (RS422 or TTL) up to 125 kHz, 16 bits

XN-322-1CNT-8DIO

Counter module with RS422/TTL inputs for frequencies of up to 125 kHz and 4 digital inputs and 4 digital outputs with 2 A. These modules are particularly useful for reading counter values used in positioning applications.

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 XN300

Additional Product Information

General specifications

Product Name Eaton XN-322 Counter module Catalog Number 178795 Model Code XN-322-1CNT-8DIO EAN

7640130098299 Product Length/Depth 104.2 mm Product Height 16.8 mm Product Width 80.3 mm Product Weight 0.061 kg Certifications IEC/EN 61131-2

UL File No.: E135462

IEC/EN 61000-6-4

CE

CULus

IEC/EN 61000-6-2 Features & Functions

Features Fieldbus connection over separate bus coupler possible

Flux controller possible Functions Single-axis positioning possible

X4 signal analysis

X1 signal analysis

Electronic positioning available

TTL Operating mode

X2 signal analysis

RS422 Operating mode

Frequency measurement

Single-axis controller possible General

Counter frequency 500 kHz max. (X4 encoding), Operating Mode TTL

500 kHz max. (X4 encoding), Operating Mode RS422 Current consumption None mA (typ.), for +24 V, Power supply - Input

40 mA (typ.), for +5 V power supply (internal), Power supply - Input Degree of protection IP20

NEMA 1 Input frequency 125 kHz Mounting method Rail mounting possible Number of channels 4 Overvoltage category III

Pollution degree 3 Product category XN-322 counter module Resolution 16 Bit (Functions) Suitable for Incremental data detection

Counting

flux measurement Type XN300 technology module Used with XN300

XN-312-... Voltage type DC Ambient conditions, mechanical

Height of fall (IEC/EN 60068-2-32) - max 1 m Mounting position Horizontal Shock resistance 15 g, Mechanical,

Half-sinusoidal shock 11 ms, 18 Impacts Vibration resistance 5 - 8.4 / 8...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / XN-322-1CNT-8DIO with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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