

INDUSTRIAL COMPONENT DATA

NX-AD2603 NX029086M NXAD2603,1 OMRON 2 Analog Inputs, -10 to 10 V single ended, resolution 1:8000, 250 µs/ch..

Brand: OMRON | Manufacturer Part Number: NX-AD2603



Manufacturer	OMRON
MPN / Reference	NX-AD2603
Catalog number	NXAD2603.1
Category	Fieldbus, decentr. periphery - analogue I/O module
Minimum order	1 Pcs
Document ID	EO-2C3322AA0A
Generated	2026-08-04

Product Overview

2 Analog Inputs, -10 to 10 V single ended, resolution 1:8000, 250 µs/ch, screwless push-in connector, 12 mm wide

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Integrated Automation > Machine I/O NX-series

Additional Product Information

I/O systemNX I/O BusType of moduleAnalog I/ONumber of analog inputs2Temperature input typeNoneLinear analog input type-10 to 10 VResolution of the analog inputs13 BitInput circuit typeSingle-endedNumber of analog outputs0Linear analog output typeNoneResolution of the analog outputs0 BitConversion time0.5 ms/unitSignal processingFree runningIO-Link masterI/O connection typePush-inNumber of I/O connectors1Detachable I/O connectorSuitable for safety functionsSIL according to IEC 61508NoneDegree of protection (IP)IP20Product Height (unpacked)104.5 mmProduct Width (unpacked)12 mmProduct Depth (unpacked)80.1 mmProduct Weight (unpacked)70 g

ETIM for 686017 PLC's (EC001596)

Feature Name

Feature Value

Degree of protection (IP) (EF005474)

IP20

Performance level according to EN ISO 13849-1 (EF007399)

Level a

SIL according to IEC 61508 (EF009889)

None

Voltage type (supply voltage) (EF002991)

DC

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Type of electric connection (EF003961)

Spring clamp connection

Output, current (EF003212)

No

Radio standard UMTS (EF008525)

No

Input, voltage (EF003205)

Yes

Input, thermocouple (EF003208)

No

Supporting protocol for EtherCAT (EF017564)

Yes

Analogue inputs configurable (EF008518)

No

Appendant operation agent (Ex ib) (EF004142)

No

Input, current (EF003204)

No

Supporting protocol for other bus systems (EF003062)

Yes

Analogue outputs configurable (EF008519)

No

Supporting protocol for SERCOS (EF006657)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-AD2603 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.