

INDUSTRIAL COMPONENT DATA

NX-TS3101 NX020053D NXTS3101 OMRON Unit NX 4 Inputs Thermocouple 0.1 ° C 200 ms

Brand: OMRON | Manufacturer Part Number: NX-TS3101



Manufacturer	OMRON
MPN / Reference	NX-TS3101
Catalog number	NXTS3101
Category	Fieldbus, decentr. periphery - analogue I/O module
Minimum order	1 Pcs
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Product Overview

Unit NX - 4 Inputs Thermocouple 0.1 ° C 200 ms

4 Thermocouple Inputs, type K, J, T, E, L, U, N, R, S, B, C (W/Re5-26), P (PLII), resolution 0.1°C, 250 ms/Unit, screwless push-in connectors, 24 mm w

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
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Additional Product Information

I/O systemNX I/O BusType of moduleAnalog I/ONumber of analog inputs4Temperature input typeB, C (WRe5-26), E, J, K, L, N, P (PLII), R, S, T, ULinear analog input typeNoneResolution of the analog inputs14 BitInput circuit typeDifferentialNumber of analog outputs0Linear analog output typeNoneResolution of the analog outputs0 BitConversion time250 ms/unitSignal processingFree runningIO-Link masterI/O connection typePush-inNumber of I/O connectors2Detachable I/O connectorSuitable for safety functionsSIL according to IEC 61508NoneDegree of protection (IP)IP20Product Height (unpacked)100 mmProduct Width (unpacked)24 mmProduct Depth (unpacked)80 mmProduct Weight (unpacked)140 g
ETIM for 377374 PLC's (EC001596)
Feature Name
Feature Value
Degree of protection (NEMA) (EF011959)
Other
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)
No
Input, thermocouple (EF003208)
Yes
Supporting protocol for EtherCAT (EF017564)
Yes
Analogue inputs configurable (EF008518)
Yes
Appendant operation agent (Ex ib) (EF004142)
No
Input, current (EF003204)
No
Supporting protocol for other bus systems (EF003062)
Yes
Ana...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-TS3101 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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