

INDUSTRIAL COMPONENT DATA

NX-TS2102 NX020051H NXTS2102 OMRON Unit NX 2 Inputs for Temperature Sensor, K, J, T, E, L, U, N, R, S, WRe5-..

Brand: OMRON | Manufacturer Part Number: NX-TS2102



Manufacturer	OMRON
MPN / Reference	NX-TS2102
Catalog number	NXTS2102
Category	Fieldbus, decentr. periphery - analogue I/O module
Minimum order	1 Pcs
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Product Overview

Unit NX - 2 Inputs for Temperature Sensor, K, J, T, E, L, U, N, R, S, WRe5-26, PLII, resolution 0.01°C max., 10 ms/Unit
2 Thermocouple Inputs, type K, J, T, E, L, U, N, R, S, B, C(W/Re5-26), P(PLII), resolution 0.01°C, 10 ms/Unit, 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
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Additional Product Information

I/O systemNX I/O BusType of moduleAnalog I/ONumber of analog inputs2Temperature input typeB, C (WRe5-26), E, J, K, L, N, P (PLII), R, S, T, ULinear analog input typeNoneResolution of the analog inputs17 BitInput circuit typeDifferentialNumber of analog outputs0Linear analog output typeNoneResolution of the analog outputs0 BitConversion time10 ms/unitSignal processingFree runningI/O-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)100 mmProduct Width (unpacked)12 mmProduct Depth (unpacked)80 mmProduct Weight (unpacked)70 g
ETIM for 380149 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
Analo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-TS2102 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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