

INDUSTRIAL COMPONENT DATA

NX-TC2405 NXTC1000D NXTC2405 OMRON 2 loops, input Pt100/thermocouple, 2 digital outputs PNP 24 Vdc, 21 mA/pt..

Brand: OMRON | Manufacturer Part Number: NX-TC2405



Manufacturer	OMRON
MPN / Reference	NX-TC2405
Catalog number	NXTC2405
Category	Fieldbus, decentr. periphery - analogue/digital I/O module
Minimum order	1 Pcs
Document ID	EO-CC55C1AE1C
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Product Overview

2 loops, input Pt100/thermocouple, 2 digital outputs PNP 24 Vdc, 21 mA/point, control of heat or cool, alarm of breaking of the heater, terminals, Push-in Plus

2 loops, Thermocouple/Pt100 input, PNP 2 Digital Outputs 24 VDC, 21mA/point, Heat or Cool control, Heater burnout alarm, Push-in Plus terminals

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 moduleTemperature controlNumber of digital inputs0Digital input typeNoneNumber of digital outputs2Digital output typePNP, PWMNumber of analog inputs2Temperature input typeB, C (WRe5-26), E, J, JPt100, K, L, N, P (PLII), Pt100, Pt1000, R, S, T, UNumber of control loops2Linear analog input typeNoneInput circuit typeIsolatedNumber of analog outputs0Linear analog output typeNoneConversion time50 ms/unitSignal processingFree runningControl functionHeat or coolHeater burnout detectionIO-Link masterI/O connection typeScrewless clampNumber of I/O connectors1Detachable I/O connectorSIL according to IEC 61508NoneDegree of protection (IP)IP20Product Height (unpacked)100 mmProduct Width (unpacked)12 mmProduct Depth (unpacked)80 mmProduct Weight (unpacked)75 g ETIM for 680545 PLC's (EC001597)

Feature Name

Feature Value

Type of output voltage (EF008222)

DC

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 voltage (input voltage) (EF003033)

DC

Type of digital output (EF003601)

Transistor

Type of electric connection (EF003961)

Spring clamp connection

Radio standard UMTS (EF008525)

No

Analogue inputs configurable (EF008518)

Yes

Analogue input, thermocouple (EF003225)

Yes

Appendant operation agent (Ex ib) (EF004142)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-TC2405 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

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