



NX-TC3405

4 loops, Thermocouple/Pt100 input, PNP 4 Digital Outputs 24 VDC, 21mA/point, Heat or Cool control, Heater burnout alarm,
Push-in Plus terminals

Specifications

I/O system	NX I/O Bus
Type of module	Temperature control
Number of digital inputs	0
Digital input type	None
Number of digital outputs	4
Digital output type	PNP, PWM
Number of analog inputs	4
Temperature input type	B, C (WRe5-26), E, J, JPt100, K, L, N, P (PLII), Pt100, Pt1000, R, S, T, U
Number of control loops	4
Linear analog input type	None
Input circuit type	Isolated
Number of analog outputs	0
Linear analog output type	None
Conversion time	50 ms/unit
Signal processing	Free running
Control function	Heat or cool
Heater burnout detection	✓
IO-Link master	✗
I/O connection type	Screwless clamp
Number of I/O connectors	2
Detachable I/O terminal block	✓
SIL according to IEC 61508	None

Degree of protection (IP)	IP20
Product Height (unpacked)	100 mm
Product Width (unpacked)	24 mm
Product Depth (unpacked)	80 mm
Product Weight (unpacked)	140 g

Accessories



E54-CT1

Current transformer for heater burnout detection (5.8mm dia)



NX-AUX02

Terminal block coding pins for 10x NX I/O units (terminal block: 30 pins, unit: 30 pins)

Spare parts



NX-TBA162

Replacement screwless push-in connector with 16 wiring terminals (marked A+B)



NX-TBB162

Replacement screwless push-in connector with 16 wiring terminals (marked C+D)

CAD Library



IO-Link Series Brochure

EN PDF 7.95 MB



Machine Safety Solution Brochure

EN PDF 2.86 MB



NX-CT High-speed Counter Unit Brochure

EN PDF 863 KB



NX-HAD Brochure

EN PDF 1.22 MB



NX-HTC/NX-TC/EJ1/E5DC-B Temperature control units Flyer

EN PDF 3.28 MB



NX-series I/O system Brochure

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NX-series Temperature Control Unit - NX-TC, NX-HTC Datasheet

EN PDF 3.53 MB



NX-series Temperature Control Units Users Manual

EN PDF 9.35 MB



Omron NX-ECC20x EtherCAT ESI file

EN ZIP 1.51 MB



Sysmac Catalogue

EN PDF 43.5 MB



Sysmac: A Fully Integrated Platform Brochure

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