

INDUSTRIAL COMPONENT DATA

NX-HTC3510-5 NXTC5002B NXHTC35105 OMRON 4 Loops, Thermocouple/Pt100/Analog Input, 4 Voltage Outputs (for SSR..

Brand: OMRON | Manufacturer Part Number: NX-HTC3510-5



Manufacturer	OMRON
MPN / Reference	NX-HTC3510-5
Catalog number	NXHTC35105
Category	Fieldbus, decentr. periphery - analogue/digital I/O module
Minimum order	1 Pcs
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Product Overview

4 Loops, Thermocouple/Pt100/Analog Input, 4 Voltage Outputs (for SSR Driving), 4 Linear Current Outputs, Heating & Cooling Control, Heater Burn-In Alarm, MIL Connector

4 loops, Thermocouple/Pt100/Analog input, 4 Voltage outputs (for driving SSR), 4 Linear current outputs, Heating and Cooling Control, Heater burnout alarm, MIL connector

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 moduleTemperature controlNumber of digital inputs0Digital input typeNoneNumber of digital outputs4Digital output typePNP, PWMNumber of analog inputs4Temperature input typeB, C (WRe5-26), E, J, JPt100, K, L, N, P (PLII), Pt100, R, S, T, UNumber of control loops4Linear analog input type0 to 10 V, 0 to 20 mA, 0 to 5 V, 1 to 5 V, 4 to 20 mAInput circuit typeIsolatedNumber of analog outputs4Linear analog output type0 to 20 mA, 4 to 20 mAConversion time50 ms/unitSignal processingFree runningControl functionHeat and coolHeater burnout detectionIO-Link masterI/O connection typeMIL (plug not included)Number of I/O connectors2Detachable I/O connectorSuitable for safety functionsSIL according to IEC 61508NoneDegree of protection (IP)IP20Product Height (unpacked)106 mmProduct Width (unpacked)32.1 mmProduct Depth (unpacked)89.8 mmProduct Weight (unpacked)125 g
ETIM for 723634 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)

None

Type of electric connection (EF003961)

Flat plug-in connection

Radio standard UMTS (EF008525)

No

Supporting protocol for EtherCAT (EF0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-HTC3510-5 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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