

INDUSTRIAL COMPONENT DATA

CJ1W-TC001 CJ1W0031A CJ1WTC001 OMRON Module Temperature Control 4 loops Thermocouple NPN

Brand: OMRON | Manufacturer Part Number: CJ1W-TC001



Manufacturer	OMRON
MPN / Reference	CJ1W-TC001
Catalog number	CJ1WTC001
Category	PLC analogue/digital I/O-module
Minimum order	1 Pcs
Document ID	EO-77C48158B4
Generated	2026-08-03

Product Overview

Module Temperature Control 4 loops Thermocouple NPN

Temperature control unit, R/S/K/J/T/L/B thermocouple inputs, transistor (NPN) output, 4 loops

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Control Systems > CJ1

Additional Product Information

Specifications

I/O system CJ I/O Bus

Expansion unit type Special I/O Unit

Type of module Temperature control

Number of digital inputs 0

Digital input type None

Number of digital outputs 4

Digital output type NPN, Voltage pulse

Number of analog inputs 4

Temperature input type B, J, K, L, R, S, T

Linear analog input type None

Number of analog outputs 0

Linear analog output type None

Control function Heat or cool

Heater burnout detection
I/O connection type Screw
Number of I/O connectors 1
Detachable I/O connector
Suitable for safety functions
Height 90 mm
Width 31 mm
Depth 65 mm
Weight 220 g
ETIM for 135989 PLC's (EC001421)
Feature Name
Feature Value
Explosion safety category for dust (EF003998)
None
Type of output voltage (EF008222)
DC
Performance level according to EN ISO 13849-1 (EF007399)
Level a
Type of digital output (EF003601)
Transistor
Type of electric connection (EF003961)
Screw connection
SIL according to IEC 61508 (EF009889)
None
Voltage type (supply voltage) (EF002991)
DC
Explosion safety category for gas (EF003997)
None
Analogue input, thermocouple (EF003225)
Yes
Appendant operation agent (Ex ib) (EF004142)
No
Analogue input, voltage (EF003221)
No
Analogue output, voltage (EF003235)
No
Analogue input, current (EF003219)
No
Analogue input, resistor (EF003222)
No
Analogue output signal configurable (EF003236)
No
Appendant operation agent (Ex ia) (EF004141)
No
Analogue input signal configurable (EF003227)
Yes
Suitable for safety functions (EF001597)

No

Analogue outp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CJ1W-TC001 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.