

## 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       | 2026-08-05                      |

### 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 &gt; Control Systems &gt; 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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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