

## INDUSTRIAL COMPONENT DATA

# CJ1W-TC003 CJ1W0033H CJ1WTC003 OMRON Module Temperature Control 2 Loops Thermocouple NPN Break

Brand: OMRON | Manufacturer Part Number: CJ1W-TC003



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | OMRON                           |
| MPN / Reference | CJ1W-TC003                      |
| Catalog number  | CJ1WTC003                       |
| Category        | PLC analogue/digital I/O-module |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-A931A4D81D                   |
| Generated       | 2026-08-05                      |

## Product Overview

Module Temperature Control 2 Loops Thermocouple NPN Break

Temperature Control Module 2 NPN Thermocouple Loops Breakage

Temperature control unit, R/S/K/J/T/L/B thermocouple inputs, transistor (NPN) output, 2 loops, heater burnout detection function

## 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

ETIM for 135990 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 output, current (EF003234)

No

Short-circuit protection, digital outputs available (EF003320)

No

Analogue input, resistor temperature (EF003224)

No

Number of analogue inputs (EF001994)

2

Number of digital outputs (EF001993)

2

Number of analogue outputs (EF001995)

0

Width (EF000008)

31 mm

Number of digital inputs (EF001992)

0

Height (EF000040)

90 mm

Depth (EF000049)

89 mm

Output current at digital output (EF003218)

0.1 A

Output voltage at digital output (EF003215)

20.4 V

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CJ1W-TC003 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

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