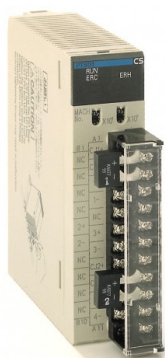


INDUSTRIAL COMPONENT DATA

CS1W-PTS51 CS1W0289D CS1WPTS51 OMRON Module, 4 Inputs Thermocouple galvanic Isolation

Brand: OMRON | Manufacturer Part Number: CS1W-PTS51



Manufacturer	OMRON
MPN / Reference	CS1W-PTS51
Catalog number	CS1WPTS51
Category	PLC analogue I/O-module
Minimum order	1 Pcs
Document ID	EO-C8160CEE4D
Generated	2026-08-04

Product Overview

Module, 4 Inputs Thermocouple galvanic Isolation
Module 4 Thermocouple Inputs Galvanic Insulation

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 > CS1
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Additional Product Information

Specifications & ordering info

Ordering information

Points

Type

Ranges

Resolution

Accuracy1

Conversion

time

Remarks

Connection type

Order code

4

Analog input

0 to 5 V,
0 to 10 V,
-10 to 10 V,
1 to 5 V,
4 to 20 mA
1/8,000
V: 0.2% of PV
I: 0.4% of PV
250 μ s/point
Offset/gain adjustment, peak hold,
moving average, alarms

M3

CS1W-AD041-V1

8

Analog input

M3

CS1W-AD081-V1

16

Analog input

0.2% of PV

2 $\times$ MIL (34p.)

CS1W-AD161

4

Analog output

0 to 5 V,

0 to 10 V,

-10 to 10 V,

1 to 5 V,

4 to 20 mA

1/4,000

V: 0.3% of PV

I: 0.5% of PV

1 ms/point

Offset/gain adjustment

M3

CS1W-DA041

8

Voltage output

0 to 5 V,

0 to 10 V,

-10 to 10 V,

1 to 5 V

0.3% of PV

Offset/gain adjustment, output hold

M3

CS1W-DA08V

8

Current output

4 to 20 mA

0.5% of PV

M3

CS1W-DA08C

4 + 4

Analog in + output

0 to 5 V,

0 to 10 V,

-10 to 10 V,

1 to 5 V

(4 to 20 mA input)

1/8,000

V in: 0.2% of PV

I in: 0.4% of PV

out: 0.3% of PV

1 ms/point

Offset/gain adjustment, scaling, peak hold, moving average, alarms, output hold

M3

CS1W-MAD44

4

Process input

4 to 20 mA,

0 to 20 mA,

0 to 10 V,

-10 to 10 V,

0 to 5 V,

-5 to 5 V,

1 to 5 V,

1 to 1.25 V,

-1.25 to 1.25 V

1/64,000

0.05% of PV

5 ms/point

Configurable alarms, maintenance

functions, user-defined scaling, zero/span adjustment, square root, totaliser.

M3

CS1W-PDC11

8

Process input

-10 to 10 V,

0 to 5 V,

1 to 5 V,

4 to 20 mA

1/16,000

0.3% of PV

62.5 ms/point

Configurable alarms, zero/span adjustment, square root

M3

CS1W-PDC55

4

Thermocouple input

B, E, J, K, L, N, R, S, T,

U, WR...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CS1W-PTS51 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

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