

INDUSTRIAL COMPONENT DATA

CS1W-MC421-V1 CS1W0297E CS1WMC421V1 OMRON Motion Control 4-axis analog CS1

Brand: OMRON | Manufacturer Part Number: CS1W-MC421-V1



Manufacturer	OMRON
MPN / Reference	CS1W-MC421-V1
Catalog number	CS1WMC421V1
Category	PLC function/technology module
Minimum order	1 Pcs
Document ID	EO-D40B5D2242
Generated	2026-08-01

Product Overview

Motion Control 4-axis analog CS1
4 axis motion control unit

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	OMRON > Motion Control > PLC based
--------------	------------------------------------

Additional Product Information

Specifications & ordering info
Ordering information
Channels/Axes
Type
Signal type
Unit class
Remarks
Connection type
Order code
2
SSI inputs
(absolute position data)
Synchronous
serial protocol

Special I/O unit

Baud rate, encoding type, data length,

etc. can be set per channel

2 digital outputs, NPN/PNP selectable.

M3 screw

CS1W-CTS21

2

500 kHz Counter

24 V, 12 V, line driver

Special I/O unit

4 configurable digital inputs +

4 configurable digital outputs

Target values trigger interrupt to CPU

1 × Fujitsu (40 pt)

CS1W-CT021

4

2 × Fujitsu (40 pt)

CS1W-CT041

1

Position control unit

24 V open collector

Special I/O unit

500 kpps pulse outputs, inputs for origin,

limit switches, stop, interrupt

1 × Fujitsu (40 pt)

CS1W-NC113

2

Position control unit

24 V open collector

Special I/O unit

500 kpps pulse outputs, inputs for origin,

limit switches, stop, interrupt

1 × Fujitsu (40 pt)

CS1W-NC213

4

Position control unit

24 V open collector

Special I/O unit

500 kpps pulse outputs, inputs for origin,

limit switches, stop, interrupt

2 × Fujitsu (40 pt)

CS1W-NC413

1

Position control unit

Line driver

Special I/O unit

500 kpps pulse outputs, inputs for origin,

limit switches, stop, interrupt

1 × Fujitsu (40 pt)

CS1W-NC133

2

Position control unit

Line driver

Special I/O unit

500 kpps pulse outputs, inputs for origin,

limit switches, stop, interrupt

1 × Fujitsu (40 pt)

CS1W-NC233

4

Position control unit

Line driver

Special I/O unit

500 kpps pulse outputs, inputs for origin,

limit switches, stop,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CS1W-MC421-V1 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.