

CS1W-MAD44, C200H-MAD01

Analog I/O Units

Analog Inputs and Outputs combined in One Unit

- Moving average filter function
- Peak hold function
- Wire burnout detection
- Output hold function
- Ratio conversions



Function

One Unit performs both analog input and analog output operations. The Unit can also be used for ratio and bias processing, which can be performed on analog inputs to output the results as analog outputs.

Terminal Arrangement (CS1W-MAD44)

Output 2 (+)	B1	A1	Output 1 (+)
Output 2 (-)	B2	A2	Output 1 (-)
Output 4 (+)	B3	A3	Output 3 (+)
Output 4 (-)	B4	A4	Output 3 (-)
N.C.	B5	A5	N.C.
Input 2 (+)	B6	A6	Input 1 (+)
Input 2 (-)	B7	A7	Input 1 (-)
AG	B8	A8	AG
Input 4 (+)	B9	A9	Input 3 (+)
Input 4 (-)	B10	A10	Input 3 (-)
		A11	N.C.

Specifications

Model			C200H-MAD01	CS1W-MAD44
Classification			C200H Special I/O Unit	CS1 Special I/O Unit
Unit numbers			0 to F	0 to 95
Inputs			2 pts	4 pts
Outputs			2 pts	4 pts
Input signal ranges	Voltages	1 to 5 V	Yes	Yes
		0 to 5 V	---	Yes
		0 to 10 V	Yes	Yes
		−10 to 10 V	Yes	Yes
		4 to 20 mA	Yes	Yes
Output signal ranges	Currents	1 to 5 V	Yes	Yes
		0 to 5 V	---	Yes
		0 to 10 V	Yes	Yes
		−10 to 10 V	Yes	Yes
		4 to 20 mA	Yes	---
Resolution			1/4000 (inputs/outputs)	1/4000 (inputs/outputs)
Conversion speed			1.0 ms/pt max (inputs/outputs)	1.0 ms/pt max (inputs/outputs)
Overall accuracy	Inputs	Voltage: ±0.2% Current: ±0.4%	Voltage: ±0.2% Current: ±0.4%	
	Outputs	Voltage: ±0.3% Current: ±0.5%	Voltage: ±0.3%	
Connections			Terminal block	Terminal block
Features	Mean function	Yes	Yes	
	Peak hold	Yes	Yes	
	Wire burnout detection	Yes	Yes	
	Output hold	Yes	Yes	
	Ratio conversion	Yes	Yes	