

Product datasheet

Specifications



Compact I/O expansion block,
Modicon TM5, 8 AI, 8 AO, 0 10 V, 4
20 mA, 12 bits

TM5CAI8O8CVL

ⓘ Discontinued

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

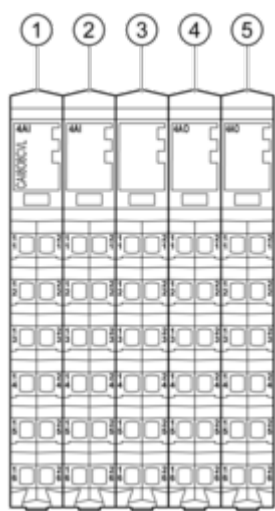
[How we assess product sustainability >](#)

Use Longer

Lifetime extension	
Repair	No

Presentation

TM5 Compact I/O Module

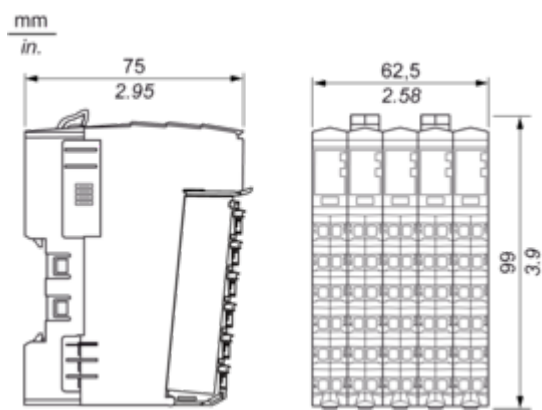


N°	Designation
1	Analog Input electronic module / 4 Analog Inputs
2	Analog Input electronic module / 4 Analog Inputs
3	Dummy Module
4	Analog Output electronic module / 4 Analog Outputs
5	Analog Output electronic module / 4 Analog Outputs

Dimensions Drawings

Compact I/O Module

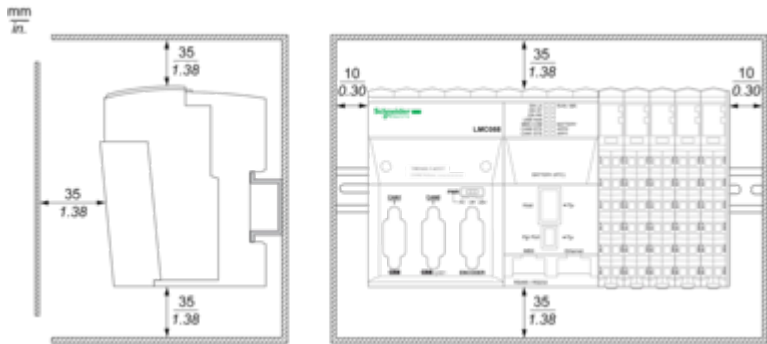
Dimensions



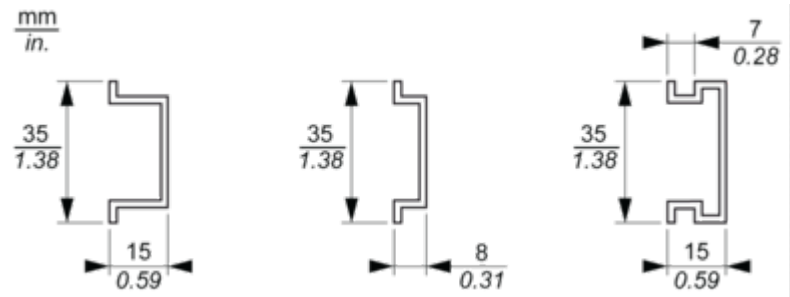
Mounting and Clearance

TM5 System

Spacing Requirements



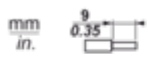
Mounting on a DIN Rail



Connections and Schema

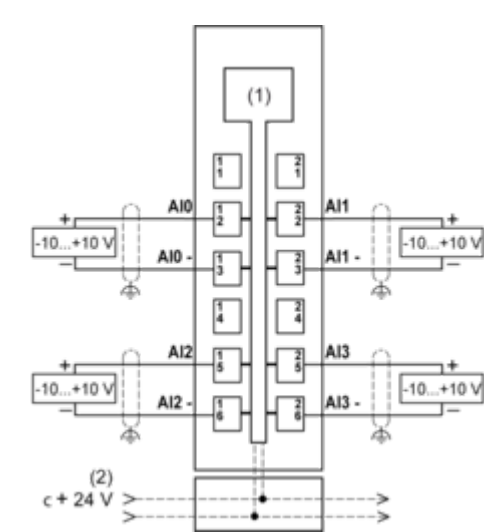
TM5 System Wiring Recommendations

Wire Sizes to Use with the Removable Spring Terminal Blocks

				
mm ²	0,08...2,5	0,25...2,5	0,25...1,5	2 x 0,25...2 x 0,75
AWG	28...14	24...14	24...16	2 x 24...2 x 18

Analog Input 4AI ± 10 V

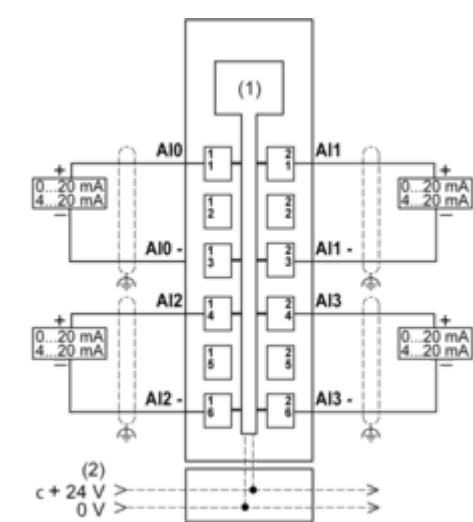
Wiring Diagram



- 1 Internal electronics
 - 2 24 Vdc I/O power segment integrated into the bus bases
- U Voltage

Analog Input 4AI 0-20 mA / 4-20 mA

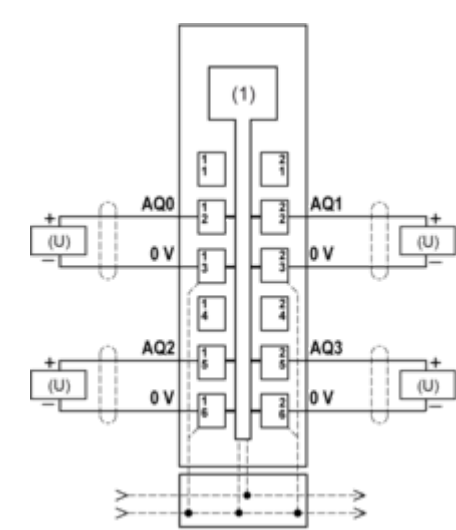
Wiring Diagram



- 1 Internal electronics
 - 2 24 Vdc I/O power segment integrated into the bus bases
- I Current

Analog Output 4AO ±10 V

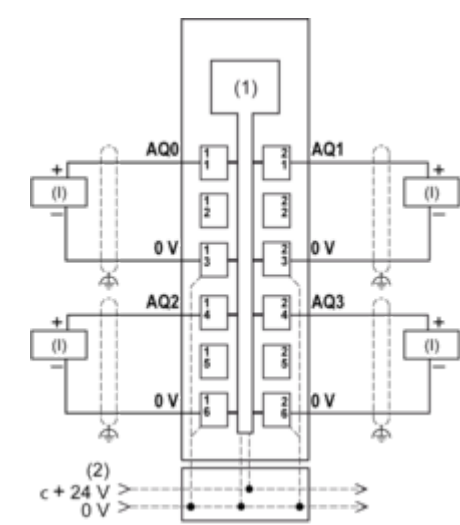
Wiring Diagram



- 1 Internal electronics
- 2 24 Vdc I/O power segment integrated into the bus bases
- U Voltage

Analog Output 4AO 0-20 mA

Wiring Diagram



- 1 Internal electronics
 - 2 24 Vdc I/O power segment integrated into the bus bases
- I Current