

# Schneider Electric TM3AM6

Model: TM3AM6

Brand: Schneider Electric

Series: Modicon TM3

Analog Mixed Module, 4 inputs + 2 outputs, 12-bit

## — I/O Specifications —

Module type: Analog mixed (4 AI + 2 AO)

Channels: 4 analog inputs + 2 analog outputs

Signal type (inputs): 0-10 Vdc,  $\pm 10$  Vdc, 0-20 mA, 4-20 mA (configurable per channel)

Signal type (outputs): 0-10 Vdc,  $\pm 10$  Vdc, 0-20 mA, 4-20 mA (configurable per channel)

Range: 0-10 V /  $\pm 10$  V / 0-20 mA / 4-20 mA

Resolution: 12 bits (AI and AO)

Accuracy:  $\pm 0.1\%$  of full scale at 25 ° C ( $\pm 1\%$  FS over temperature)

Isolation: 1500 V AC between analog I/O and supply; 500 V AC between analog I/O and internal logic

Diagnostics: Channel status, module status, bus status

Response time: Conversion: 1 ms + 1 ms per channel + 1 controller cycle time

Wiring: Removable screw terminal block, 3.81 mm pitch

## — Electrical —

Supply voltage: 24 Vdc (via TM3 bus)

Power consumption: Not available

Bus current: 50 mA at 5 V DC (full load); 50 mA at 24 V DC (full load)

## — Environmental —

Operating temperature: 0...+55 ° C

Storage temperature: -25...+70 ° C

Protection rating: IP20

## — Physical —

Dimensions (H×W×D): 90 × 23.6 × 70 mm

Weight: 0.11 kg

## — Compatibility —

Compatible platforms: Modicon M221, M241, M251, M262

## — Status —

You can contact us through the following contact information

[www.sparetechplc.com](http://www.sparetechplc.com) +86 180 3000 5825 [sales@sparetechplc.com](mailto:sales@sparetechplc.com)

Lifecycle: Active (Last verified: 2026-09)

— Lifecycle —

Active (Modicon TM3 expansion modules for M2xx/M340 PLCs)



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