

TM3TM3

Schneider Electric TM3TM3 - Modicon TM3 - 2 analog or temperature inputs, 1 analog output (screw) 24Vdc

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	TM3TM3
PRODUCT FAMILY	CATEGORY
Modicon TM3	Input/output analog module
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

This product is part of the Modicon TM3 range, an offer of expansion I/O modules for Modicon M221, M241, M251 and M262. The analogue I/O module provides 2 inputs, 1 output with 16bit, 15bit + sign input resolution. It is an I/O module with a rated supply voltage of 24V DC, a current consumption of 60mA, 55mA at 5V DC via bus connector, 55mA, 80mA at 24V DC via external supply. This product is capable of controlling variable speed drives or any device equipped with a current or voltage input. There is an insulation between input and supply at 1500V AC, input and internal logic at 500V AC, output and supply at 1500V AC and output and internal logic at 500V AC. It is furnished with removable screw terminal for electrical connection with 5.08mm pitch adjustment for inputs, outputs and supply. It is an IP20 rated product. Its dimensions are 23.6mm (Width) x 70mm (Depth) x 90mm (Height). It weighs 0.115kg. This product is certified by CE. It meets EN/IEC 61131-2 and EN/IEC 61010-2-201 standards. This module is compatible with Modicon M262, Modicon M241, Modicon M251 and Modicon M221 logic controller. It supports top hat type TH35-15, top hat type TH35-7.5 rail conforming to IEC 60715 and plate or panel with fixing kit mount. Modicon TM3 expansion modules have been designed with a simple interlocking assembly mechanism. A bus expansion connector is used to distribute data and the power supply when assembling the Modicon TM3 modules with logic controllers. Boost the performance of yo

RECORDED SPECIFICATIONS

Output ripple	20 mV
Conversion time	100 ms + 100 ms per channel + 1 controller cycle time for analogue input thermocouple
Input impedance	>= 1 MOhm
Repeat accuracy	+/-0.5 %FS for input
Range of product	Modicon TM3
Sampling duration	10 ms
Official lifecycle	Current official manufacturer lifecycle evidence
Stabilisation time	1 ms
Analogue input type	
Range compatibility	Modicon M221 Modicon M241 Modicon M251 Modicon M262

ADDITIONAL SPECIFICATIONS

Analogue output type	Current: 4...20 mA Current: 0...20 mA Voltage: 0...10 V Voltage: - 10...10 V
Analogue input number	2
Analogue output number	1
Absolute accuracy error	
Manufacturer part number	TM3TM3
Analogue input resolution	16 bits 15 bits + sign
Product or component type	Input/output analog module
Permissible continuous overload	13 V, analogue input type: voltage 40 mA, analogue input type: current

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.