

TM3DI8G

Schneider Electric TM3DI8G - module TM3 - 8 inputs spring

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	TM3DI8G
PRODUCT FAMILY	CATEGORY
Modicon TM3	Discrete input 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 discrete input module provides 8 inputs with sink or source (positive/negative) logic. It is an input module with an input voltage of 24V DC and a current consumption of 24mA/5mA at 5V DC via bus connector. It can be used to create configurations with up to 8 inputs There is an insulation between input and internal logic at 500V AC and non-insulation between inputs. It is furnished with removable spring terminal for electrical connection with 5.08mm pitch adjustment for inputs. It is an IP20 rated product. Its dimensions are 27.4mm (Width) x 84.6mm (Depth) x 90mm (Height). It weighs 0.085kg. This product is certified by CE, CULus and C-Tick. It meets EN/IEC 61131-2 and EN/IEC 61010-2-201 standards. This module is compatible with 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 your controller with the Modicon TM3 I/O system specially designed for the Modicon M221, M241 and M251 logic controllers. Schneider Electric TM3DI8G is the exact active commercial reference

RECORDED SPECIFICATIONS

Input impedance	3.4 kOhm
Range of product	Modicon TM3
Device application	Industrial application
Official lifecycle	Current official manufacturer lifecycle evidence
Range compatibility	Modicon M241 Modicon M251 Modicon M221 Modicon M262
Discrete input logic	Sink or source (positive/negative)
Discrete input number	8
Discrete input current	7 mA
Discrete input voltage	24 V DC
Response time on input	4 ms (maximum (turn on)) 4 ms (maximum (turn off))

ADDITIONAL SPECIFICATIONS

Safety reliability data	MTBF = 410 years 40 °C
Manufacturer part number	TM3DI8G
Product or component type	Discrete input module
Current state 0 guaranteed	<= 1 mA input
Current state 1 guaranteed	>= 2.5 mA input
Voltage state 0 guaranteed	0...5 V input
Voltage state 1 guaranteed	Input: 15...28.8 V DC
Discrete input compatibility	8 conforming to IEC 61131-2 Type 1

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.