

TM3DI16G

Schneider Electric TM3DI16G - Modicon TM3 - 16 inputs (spring) 24Vdc

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	TM3DI16G
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 16 inputs with sink or source (positive/negative) logic. Schneider Electric TM3DI16G is the exact active commercial reference for Modicon TM3 - 16 inputs (spring) 24Vdc in the Modicon TM3 range. This discrete input module supports flexible local or distributed I/O expansion for Modicon M221, M241, M251 and M262 controllers in industrial automation panels, packaging machinery, material handling, pumping systems and process equipment. Official Schneider characteristics include Range of product: Modicon TM3; Product or component type: Discrete input module; Range compatibility: Modicon M241 Modicon M251 Modicon M221 Modicon M262; Device application: Industrial application; Discrete input number: 16; Discrete input voltage: 24 V DC; Discrete input logic: Sink or source (positive/negative); Discrete input compatibility: 16 conforming to IEC 61131-2 type 3. The reference appears in Schneider Electric catalog DIA3ED2140109EN and its exact regional product page confirms current commercial availability. For an RFQ, use the complete part number TM3DI16G so the I/O count, output technology, supply voltage, communication interfaces, terminal style and safety or expert functions remain exact. Review the linked official Schneider product data sheet against the control architecture, field devices, wiring method, environmental conditions a

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	16
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 = 250 years 40 °C
Manufacturer part number	TM3DI16G
Product or component type	Discrete input module
Current state 0 guaranteed	<= 1 mA
Current state 1 guaranteed	>= 2.5 mA
Voltage state 0 guaranteed	0...5 V DC
Voltage state 1 guaranteed	15...28.8 V DC
Discrete input compatibility	16 conforming to IEC 61131-2 type 3

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.