

TM3DQ8RG

Schneider Electric TM3DQ8RG - module TM3 - 8 outputs relays spring

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	TM3DQ8RG
PRODUCT FAMILY	CATEGORY
Modicon TM3	Discrete output 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 output module provides 8 relay outputs with sink or source (positive/negative) logic. It is an output module with an output voltage of 240V AC, 30V DC and a current consumption of 40mA at 24V DC via bus connector. This product is capable of controlling variable speed drives or any device equipped with a current or voltage input. There is an insulation between output and internal logic at 2300V AC, outputs at 750V AC, output groups at 1500V AC. It is furnished with removable spring terminal for electrical connection with 5.08mm pitch adjustment for outputs. It offers mechanical durability of 20 million cycles. It is an IP20 rated product. Its dimensions are 27.4mm (Width) x 84.6mm (Depth) x 90mm (Height). It weighs 0.11kg. 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

RECORDED SPECIFICATIONS

Range of product	Modicon TM3
Power supply type	Electronic powered by internal bus
Device application	Industrial application
Official lifecycle	Current official manufacturer lifecycle evidence
Range compatibility	Modicon M241 Modicon M251 Modicon M221 Modicon M262
Discrete output logic	Positive or negative
Electrical connection	11 x 2.5 mm² removable spring terminal block with pitch 5.08 mm adjustment for outputs
Mechanical durability	20000000 cycles
Discrete output number	8
Discrete output current	2000 mA relay output

ADDITIONAL SPECIFICATIONS

Discrete output voltage	240 V AC for relay outputs 30 V DC for relay outputs
Response time on output	<= 5 ms maximum (turn off)
Safety reliability data	MTBF = 250 years 40 °C
Manufacturer part number	TM3DQ8RG
Minimum switching current	10 mA 5 V DC
Product or component type	Discrete output module
Typical current consumption	5 mA at 5 V DC 0 mA at 24 V DC 40 mA at 5 V DC 30 mA at 24 V DC
Maximum cable distance between devices	Unshielded cable: <30 m for relay output

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.