

# TM2DMM8DRT

discrete I/O module M238 - 4 inputs 24 V DC - 4  
outputs relay- 1 terminal block

Product availability : Stock - Normally stocked in distribution facility



## Main

Range of product	Modicon M238 logic controller
Product or component type	Discrete I/O module
Discrete input number	4
Discrete input voltage	24 V
Discrete input voltage type	DC
Discrete output number	4
Discrete output type	Relay

## Complementary

Range compatibility	Advantys OTB Twido
Input voltage limits	20.4...28.8 V
Discrete input logic	Sink or source
Discrete input current	7 mA
Input impedance	3.4 kOhm
Discrete output function	1 NO
Current per channel	2 A
Current per output common	7 A
Number of common point	1 for output 1 for input
Contact resistance	$\leq 45$ mOhm
Response time	$\leq 10$ ms from state 0 to state 1 output $\leq 5$ ms from state 1 to state 0 output 4 ms at state 0 input 4 ms at state 1 input
Minimum switching current	0.1 mA 0.1 V DC
Isolation between channels	None

Isolation between channels and internal logic	2300 V for 1 minute (output) 500 V for 1 minute (input)
Isolation between input channel and output channel	1500 V for 1 minute
Isolation between output channels group	1500 V for 1 minute
Mechanical durability	20000000 cycles
Electrical durability	100000 cycles 0.5 A AC-15 240 V AC cos phi = 0.35 inductive 100000 cycles 1 A AC-15 240 V AC cos phi = 0.7 inductive 100000 cycles 1 A DC-13 24 V DC inductive (L/R = 7 ms) 100000 cycles 2 A 240 V AC resistive 100000 cycles 2 A 30 V DC resistive
Current consumption	20 mA 24 V DC at state 1 for all input/output 25 mA 5 V DC at state 1 for all input/output
Local signalling	1 display block
Electrical connection	1 removable screw terminal block
Mounting support	35 mm symmetrical DIN rail
Product weight	0.21 lb(US) (0.095 kg)

## Environment

Depth	2.76 in (70 mm)
Height	3.54 in (90 mm)
Width	1.69 in (42.9 mm)

## Ordering and shipping details

Category	22531 - PLCs, TWIDO, TWD
Discount Schedule	PC12
GTIN	00785901841593
Nbr. of units in pkg.	1
Package weight(Lbs)	0.4299999999999999
Returnability	Y
Country of origin	JP

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1039 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available
Product end of life instructions	Available

## Contractual warranty

Warranty period	18 months
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