Product data sheet Characteristics

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

Price*: 231.00 USD



Main	
Commercial Status	Commercialised
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

<u>complementally</u>		
Range compatibility	Advantys OTB Twido	
Input voltage limits	20.428.8 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	25 A	
Current per output common	7 A	
Number of common point	1 for input 1 for output	
Contact resistance	<= 45 mOhm	
Response time	4 ms at state 1 input 4 ms at state 0 input <= 5 ms from state 1 to state 0 output <= 10 ms from state 0 to state 1 output	
Minimum switching current	0.1 mA 0.1 V DC	
Isolation between channels	None	
Isolation between channels and internal logic	500 V for 1 minute (input) 2300 V for 1 minute (output)	
Isolation between input channels and output channels	1500 V for 1 minute	
Isolation between output channels group	1500 V for 1 minute	
Mechanical durability	20000000 cycles	
Electrical durability	100000 cycles 2 A 30 V DC resistive 100000 cycles 2 A 240 V AC resistive 100000 cycles 1 A DC-13 24 V DC inductive (L/R = 7 ms) 100000 cycles 1 A AC-15 240 V AC cos phi = 0.7 inductive 100000 cycles 0.5 A AC-15 240 V AC cos phi = 0.35 inductive	
Current consumption	25 mA 5 V DC at state 1 for all input/output 20 mA 24 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)	

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This documentation is not intended as a substitute for and is not to be used for determining suitability or these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. It with the specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein. Prices are indicative

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)	0.43	
Product availability	Stock - Normally stocked in distribution facility	
Returnability	Υ	
Country of origin	JP	

Offer Sustainability

Sustainable offer status	Not Green Premium product	
RoHS	Compliant - since 0830 - Schneider Electric declaration of conformity	
REACh	Reference not containing SVHC above the threshold	
Product environmental profile	Available Download Product Environmental	

Contractual warranty

Period	18 months	