

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

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...5 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)

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	Y
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
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