Product data sheet
Characteristics

TM2DRA16RT
I/O expansion module, Modicon M238 logic controller, Twido, 16 outputs relay, 1 removable screw terminal block, wear part



Commercial status
End of Commercialisation :

⚠ End of Commercialisation

Main

Range of product	Modicon M238 logic controller
Product or component type	I/O expansion module
Discrete output number	16
Discrete output type	Relay

Complementary

Range compatibility	Twido Advantys OTB
Discrete output function	1 NO
Current per channel	2 A
Maximum current per output common	8 A
Number of common point	2
Contact resistance	45 MOhm
Response time	<= 10 ms from state 0 to state 1 for input <= 5 ms from state 1 to state 0 for input
Minimum switching current	0.1 MA at 0.1 V DC
Isolation between channels	1500 V for 1 minute
Isolation between channels and internal logic	2300 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	30 mA at 5 V DC at state 1 for all output 40 mA at 24 V DC at state 1 for all output
Local signalling	1 display block
Electrical connection	1 removable screw terminal block
Mounting support	35 mm symmetrical DIN rail
Net weight	0.145 Kg

Environment

Depth	84.6 Mm
Height	90 Mm
Width	27.3 Mm

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.461 Cm
Package 1 Width	10.469 Cm
Package 1 Length	12.445 Cm
Package 1 Weight	238.4 G

Offer Sustainability

Mercury free	Yes
Sustainable packaging	No
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
PVC free	Yes
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Post commercialisation

TM2DRA16RT is replaced by the following product range:



62131

Expansion I/O modules for Modicon M221, M241, M251 and M262

Substitution date: |