

Schneider Series Service Manual

TM2DRA16RT

1. Description

Schneider Electric TM2DRA16RT

3. Product Information

Schneider Electric TM2DRA16RT

discrete output module M238 - 16 outputs relay- 1

removable screw terminal block

Main

Range of product Modicon M238 logic controller

Product or component type Discrete output module

Discrete output number 16

Discrete output type Relay

Complementary

Range compatibility Advantys OTB

Twido

Discrete output function 1 NO

Current per channel 2 A

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 input

≤ 5 ms from state 1 to state 0 input

Minimum switching current 0.1 mA 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 5 V DC at state 1 for all output

40 mA 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

Product weight 0.145 kg

Environment

depth 84.6 mm

height 90 mm

width 27.3 mm

Offer Sustainability

Sustainable offer status Green Premium product

RoHS (date code: YYWW) Compliant - since 1039 - Schneider Electric declaration of conformity

REACH Reference not containing SVHC above the threshold

Product environmental profile Available

Product end of life instructions Available