

# Product datasheet

Specifications



## TSX Micro - 28 I/O 100...120 V relay

TSXDMZ28AR

⚠ Discontinued on: 31 Dec 2019

⚠ To be end-of-service on: 31 Dec 2027

⚠ Discontinued

Price: 16,149.73 ZAR

### Main

Range Of Product	Modicon TSX Micro automation platform
Product Or Component Type	Discrete relay I/O base
Discrete Input Number	16 screw terminal block
Discrete Input Voltage	100...120 V AC
Discrete Input Frequency	47...63 Hz
Discrete Input Current	11 mA at 50 Hz 13 mA at 60 Hz

### Complementary

Input Voltage Limits	>= 74 V at state 1 < 20 V at state 0
Current State 0 Guaranteed	<= 4 mA
Current State 1 Guaranteed	>= 6 mA
Response Time	< 10 ms output 11...18 ms input at state 0 to state 1 at 50 Hz 9...16 ms input at state 0 to state 1 at 60 Hz 11...24 ms input at state 1 to state 0 at 50 Hz 10...22 ms input at state 1 to state 0 at 60 Hz
Input Compatibility	2-wire proximity sensor
Load Type	Capacitive
Current Consumption	125 mA
Power Dissipation In W	5.6 W
Output Voltage Limits	19...264 V AC 10...34 V DC
Contacts Type And Composition	NO
Power Consumption In Va	50 VA 24 V AC-12 resistive 110 VA 48 V AC-12 resistive 220 VA 110 V AC-12 resistive 220 VA 220 V AC-12 resistive 24 VA 24 V AC-15 inductive 24 VA 48 V AC-15 inductive 220 VA 220 V AC-15 inductive 110 VA 110 V AC-15 inductive
Power Consumption In W	40 W 24 V DC-12 resistive 24 W 24 V DC-13 inductive
Isolation Voltage	1500 V for 1 s
Insulation Resistance	>= 10 mOhm

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Net Weight	0.5 kg
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## Environment

Standards	IEC 1131-2 Type 2
[Ith] Conventional Free Air Thermal Current	3 A

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	18.0 cm
Package 1 Length	26.0 cm
Package 1 Weight	650.0 g

## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

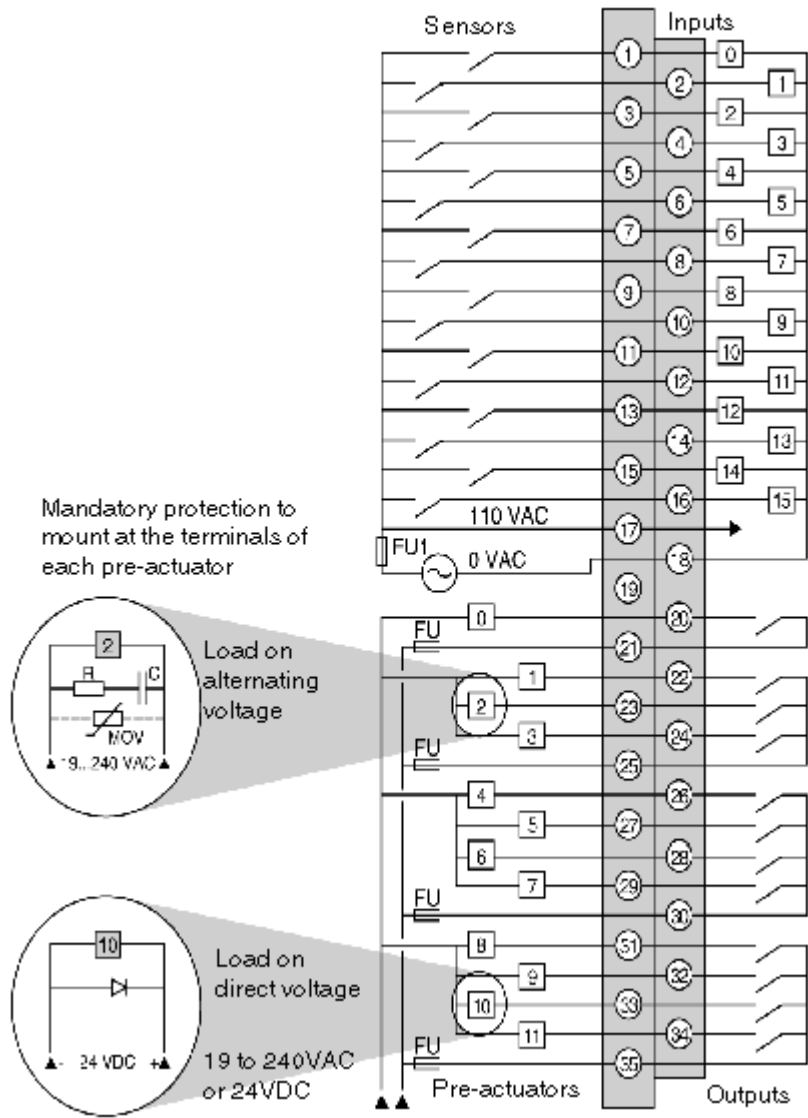
[Guide to assess a product's sustainability >](#)

Eu Rohs Directive	Not applicable, out of EU RoHS legal scope
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Connections and Schema

Sensors/Inputs and pre-Actuators/Outputs Connections

Wiring Diagram



FU1 = 0.5A fuse with rapid fusion.  
FU = Fast blow fuses to be calibrated according to the load.