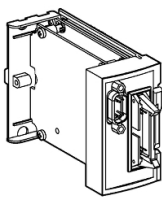


# Product data sheet

Specifications



## Counter modules, Modicon TSX Micro, current consumption 15mA, 100Hz, 1 input

TSXCTZ1A

⚠ Discontinued on: Dec 31, 2019

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

⚠ Discontinued - Service only

### Main

Range Of Product	Modicon TSX Micro automation platform
Product Or Component Type	Counter modules
Counting Input Number	1
Counting Frequency	40 Hz
Network Frequency	100 Hz
Input Voltage	5 V DC 24 V DC
Input Current	18 mA
Input Voltage Limits	>= 2.4 V at state 1 5 V DC <= 1.2 V at state 0 5 V DC >= 11 V at state 1 24 V DC <= 5 V at state 0 24 V DC 5.5 V 5 V DC 19...30 V 24 V DC
Current State 0 Guaranteed	<= 1 mA 5 V DC <= 2 mA 24 V DC
Current State 1 Guaranteed	>= 6 mA 24 V DC >= 3.7 mA 5 V DC

### Complementary

Response Time	1.5 ms event processing 8 ms master task
Sensor Power Supply	2.5 V
Current Consumption	15 mA
Logic Input	Positive
Input Impedance	0.27 Ohm at 5 V DC at Un 1.4 Ohm at 24 V DC at Un >= 0.44 Ohm at 5 V DC at U = 2.4 V
Response Time	3 ms
Input Type	Resistive 24 V DC
Input Compatibility	2-wire/3-wire proximity sensor 24 V DC
Net Weight	0.2 kg

### Environment

Standards	IEC 1131 Type 2 24 V DC
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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

## 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	336.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.688 kg

## 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
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause Carcinogen & Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>