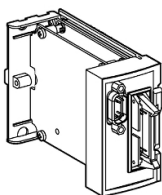


Product data sheet

Specifications



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

TSXCTZ1A

! Discontinued - Service only

! Discontinued on: Dec 2, 2020

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

Product availability: Non-Stock - Not normally stocked in distribution facility

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
Efficiency At Full Load	>= 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 5 V DC at Un 1.4 Ohm 24 V DC at Un >= 0.44 Ohm 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	0.44 lb(US) (0.2 kg)

Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Standards	IEC 1131 Type 2 24 V DC
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Ordering and shipping details

Category	US1PC1422556
Discount Schedule	PC14
Gtin	3389110540529
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.17 in (5.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	11.85 oz (336.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	5.93 lb(US) (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-CO₂ 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	China RoHS declaration
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 www.p65warnings.ca.gov