

1. Description

Schneider Electric TSXCTZ2A

3. Product Information

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TSX Micro - counter modules 2 input

Main

Range of product Modicon TSX Micro automation platform

Product or component type Counter modules

Counting input number 2

Counting frequency 40 Hz

Network frequency 100 Hz

Input voltage 24 V DC

5 V DC

Input current 18 mA

Input voltage limits 5.5 V 5 V DC

19...30 V 24 V DC

≥ 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

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

≥ 0.44 Ohm 5 V DC at U = 2.4 V

1.4 Ohm 24 V DC at Un

Response time 3 ms

Input type Resistive 24 V DC

Input compatibility 2-wire/3-wire proximity sensor 24 V DC

Product weight 0.21 kg