Product datasheet

Specifications

TSX Micro - 64 I/O solid state

TSXDMZ64DTK

⚠ **Discontinued on:** 23 Jul 2021

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

⚠ **To be discontinued**

Price: 20,166.63 ZAR

Main

Range Of Product	Modicon TSX Micro automation platform
Product Or Component Type	Discrete solid state I/O base DC
Discrete Input Number	32 1 HE-10 connector
Discrete Input Voltage	24 V DC, discrete input logic: positive
Discrete Input Current	3.5 mA
Discrete Input Type	Current sink
Discrete Output Number	32 1 HE-10 connector
Discrete Output Voltage	24 V DC
Discrete Output Current	0.1 mA
Discrete Output Logic	Positive

Complementary

Input Voltage Limits	>= 11 V at state 1 < 5 V at state 0
Current State 0 Guaranteed	<= 1.5 mA
Current State 1 Guaranteed	>= 2.5 mA
Input Impedance	6.3 Ohm
Response Time	0.1...7.5 ms from state 1 to state 0 input 0.1...7.5 ms from state 0 to state 1 input < 2.5 ms from state 1 to state 0 output < 2.5 ms from state 0 to state 1 output
Input Compatibility	2-wire/3-wire proximity sensor
Current Consumption	197 mA
Power Dissipation In W	3.5 W by module output 0.15 W by channel output 5 W input
Output Voltage Limits	19...30 V
Output Current Limits	0.25 A
Maximum Leakage Current	0.1 mA at state 0
[Ures] Residual Voltage	1.5 V
Load Impedance Ohmic	220 Ohm
Switching Frequency	$< 0.5/LI^2$ Hz
Output Overvoltage Protection	By zener diode

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

Output Short-Circuit Protection	By current limiter and electronic circuit breaker
Reverse Polarity Protection	Reverse diode on power supply
Paralleling Of Outputs	Yes : 3 maximum
Isolation Voltage	1500 V for 1 s
Net Weight	0.41 kg

Environment

Standards	IEC 1131-2 Type 1

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	487.0 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	4.402 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} 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_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.
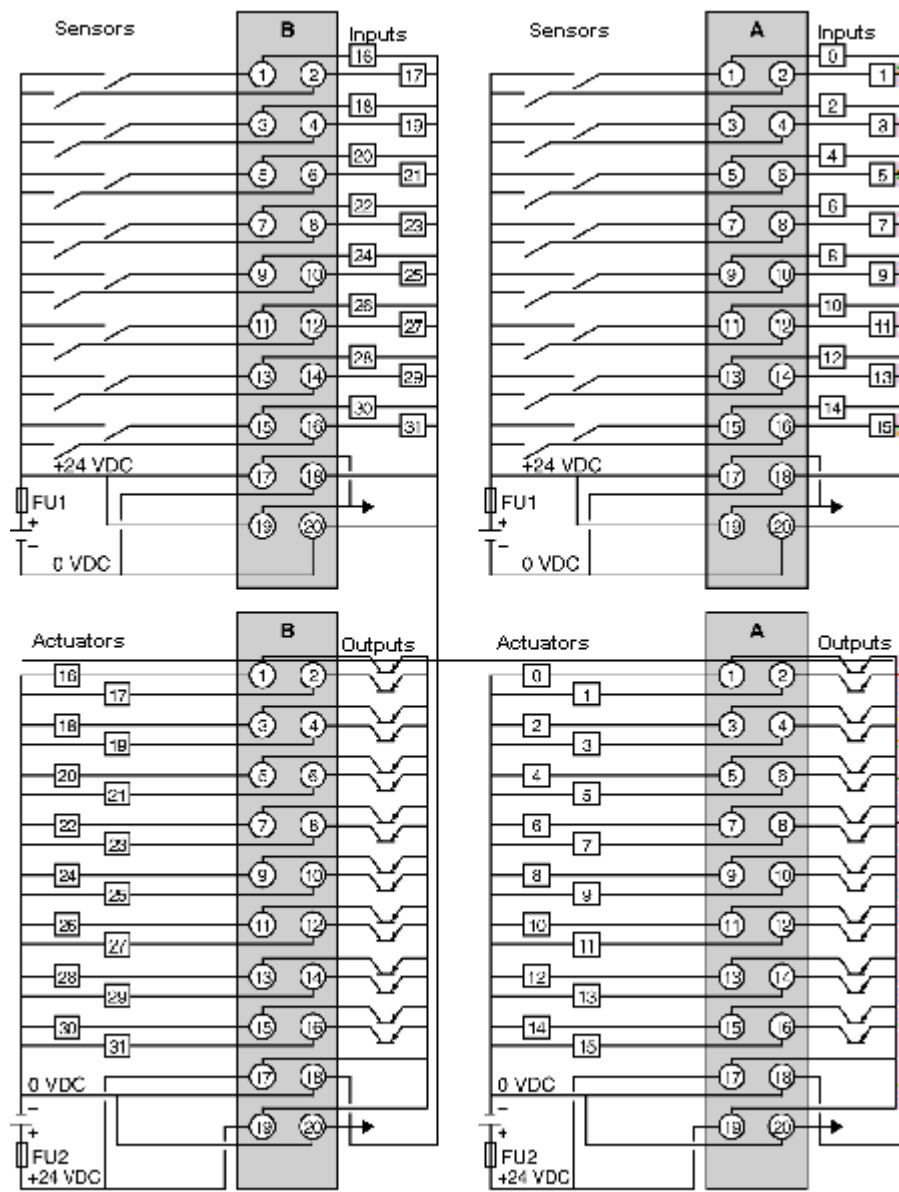
Learn more about Green Premium ⟩

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

Connections and Schema

Sensors/Inputs and Actuators/Outputs Connections

Wiring Diagram

FU1 = 0.5A fuse with rapid fusion.
FU2 = 2A fuse with rapid fusion.