

Product data sheet

Specifications



Discrete input module, Modicon Premium, 64 inputs, compatible with 2/3 wires proximity sensors, 1.5W

TSXDEY64D2K

⚠ Discontinued - Service only

⚠ Discontinued on: Dec 31, 2018

⚠ To be end-of-service on: Dec 31, 2026

Main

Range Of Product	Modicon Premium Automation platform
Product Or Component Type	Discrete input module
Discrete Input Number	64 current sink isolated conforming to EN/IEC 61131-2 type 1
Discrete Input Voltage	24 V DC positive
Sensor Power Supply	19...30 V
Discrete Input Current	3.5 mA

Complementary

Voltage State 1 Guaranteed	≥ 11 V
Current State 1 Guaranteed	≥ 3 mA
Voltage State 0 Guaranteed	≤ 5 V
Current State 0 Guaranteed	≤ 1.5 mA
Input Impedance	6300 Ohm at state 1
Response Time	4 ms ≤ 7 ms
Isalotion Resistance	< 10 MOhm 500 V DC
Power Dissipation	(1.5 W + 0.1 W x No of channels used)
Electrical Connection	HE-10 connector
Marking	CE
Current Consumption	155 mA at 5 V DC 315 mA at 24 V DC
Module Format	Standard
Net Weight	0.37 kg

Environment

Dielectric Strength	1500 V AC at 50/60 Hz
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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

Standards	CSA C22.2 No 142 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group C UL 508 IEC 60664 CSA C22.2 No 213 Class I Division 2 Group D 89/336/EEC 93/68/EEC 92/31/EEC EN/IEC 61131-2
Product Certifications	LR BV RMRS RINA ABS GL DNV
Ambient Air Temperature For Operation	0...60 °C
Ambient Air Temperature For Storage	-25...70 °C
Relative Humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating Altitude	0...2000 m
Protective Treatment	TC
Ip Degree Of Protection	IP20
Pollution Degree	2

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.8 cm
Package 1 Width	18.0 cm
Package 1 Length	26.0 cm
Package 1 Weight	490.0 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	3.952 kg

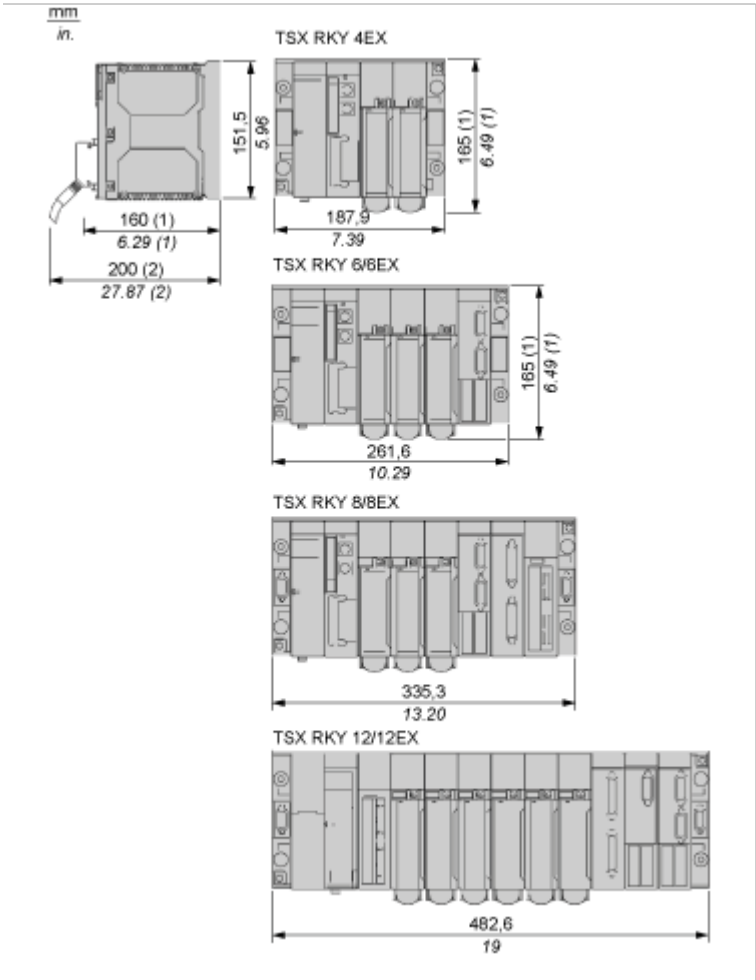
Contractual warranty

Warranty	18 months
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Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

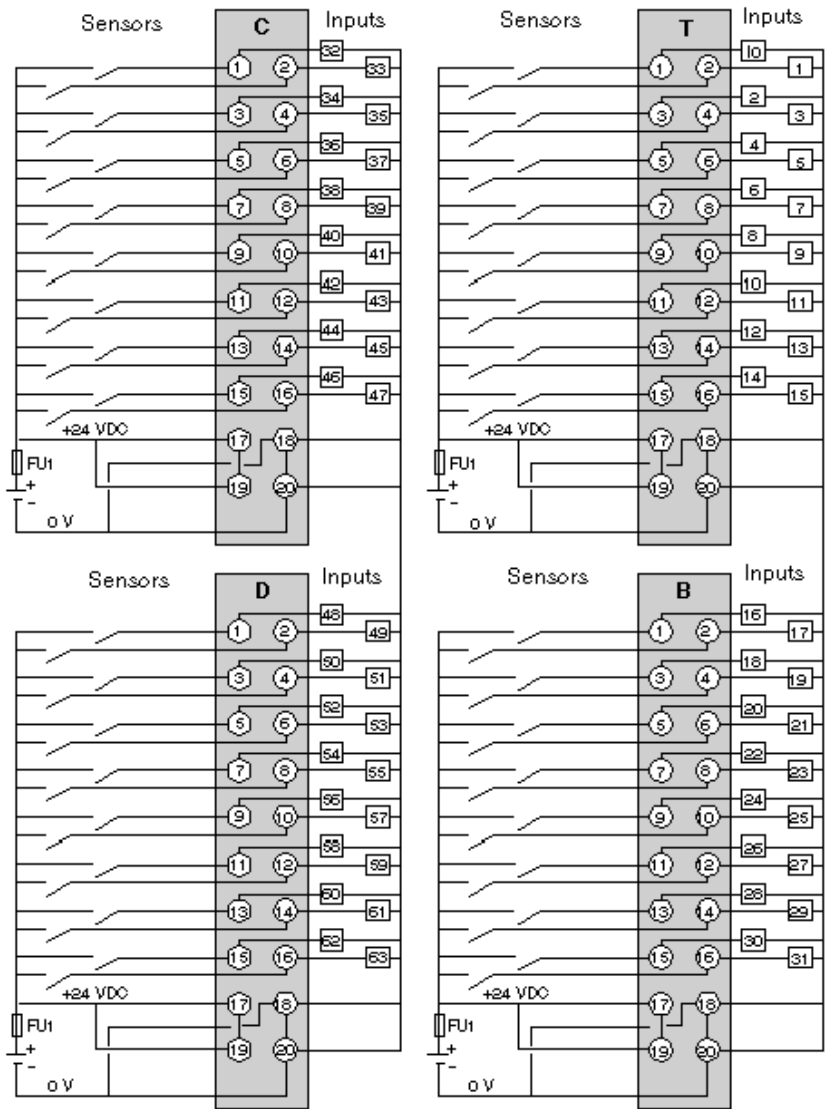


- (1) With screw terminal block modules.
- (2) Maximum depth for all types of modules and their associated connectors.

Connections and Schema

24 Vdc Discrete Input 64-Channel Module

Wiring Diagram



FU1 0.5 A quick-blow fuse