

Product data sheet

Specifications



discrete input module -32 current sink isolated - 48 V DC - 7 mA

TSXDEY32D3KC

⚠ Discontinued on: Dec 31, 2017

⚠ To be end-of-service on: Dec 31, 2025

⚠ Discontinued - Service only

Main

Range Of Product	Modicon Premium Automation platform
Product Or Component Type	Discrete input module
Discrete Input Number	32 current sink isolated EN/IEC 61131-2 type 2
Discrete Input Voltage	48 V DC positive
Sensor Power Supply	38...60 V
Input Compatibility	With 2-wire/3-wire proximity sensors EN/IEC 60947-5-2
Discrete Input Current	7 mA

Complementary

Voltage State 1 Guaranteed	>= 30 V
Current State 1 Guaranteed	>= 6.5 mA
Voltage State 0 Guaranteed	<= 10 V
Current State 0 Guaranteed	<= 2 mA
Input Impedance	4000 Ohm at state 1
Response Time	4 ms <= 7 ms
Isalotion Resistance	< 10 MOhm 500 V DC
Power Dissipation	(2 W + 0.1 W x No of channels used)
Electrical Connection	HE-10 connector
Marking	CE
Current Consumption	140 mA 5 V DC 275 mA 24 V DC
Module Format	Standard
Net Weight	0.68 lb(US) (0.31 kg)

Environment

Dielectric Strength	1500 V AC 50/60 Hz
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Standards	CSA C22.2 No 213 Class I Division 2 Group B 93/68/EEC 89/336/EEC CSA C22.2 No 142 EN/IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2 Group C 73/23/EEC 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group A IEC 60664
Product Certifications	LR ABS GL DNV RMRS RINA BV
Ambient Air Temperature For Operation	32...140 °F (0...60 °C)
Ambient Air Temperature For Storage	-13...158 °F (-25...70 °C)
Relative Humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating Altitude	0...6561.68 ft (0...2000 m)
Protective Treatment	TC Conformal coating Humiseal 1A33
Ip Degree Of Protection	IP20
Pollution Degree	2

Ordering and shipping details

Category	22558-TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
Gtin	3595863936810
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	16.97 oz (481.0 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	2
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	3.06 lb(US) (1.388 kg)

Contractual warranty

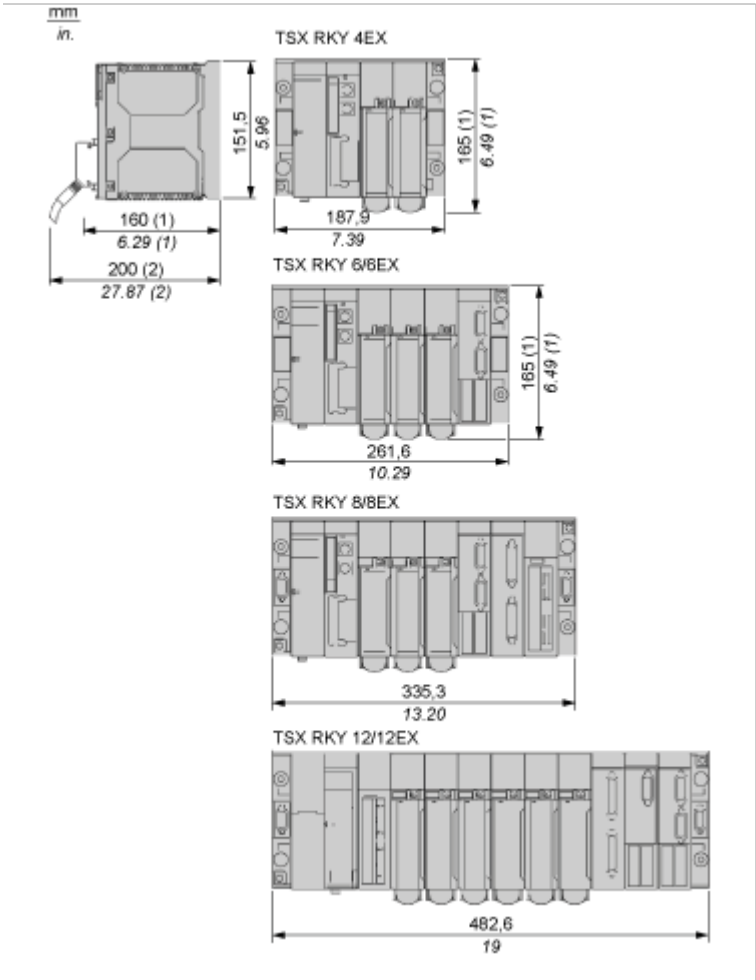
Warranty

18 months

Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

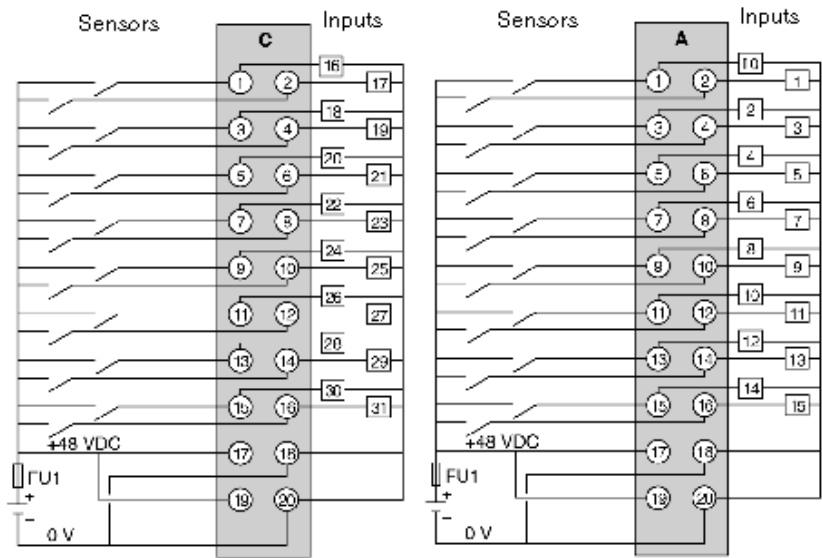


- (1) With screw terminal block modules.
- (2) Maximum depth for all types of modules and their associated connectors.

Connections and Schema

48 Vdc Discrete Input 32-Channel Module

Wiring Diagram



FU1 0.5 A quick-blow fuse