Product data sheet

Specifications



Discontinued - Service only

discrete input module Modicon Premium - 32 I 48 V DC

TSXDEY32D3K

- () Discontinued on: Dec 2, 2020
- () To be end-of-service on: Dec 31, 2026

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

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	3860 V	
Input compatibility	With 2-wire/3-wire proximity sensors EN/IEC 60947-5-2	
Discrete input current	7 mA	

Complementary

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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	6300 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

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

Standards	73/23/EEC IEC 60664 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 CSA C22.2 No 213 Class I Division 2 Group B UL 508 93/68/EEC 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 142 EN/IEC 61131-2
Product Certifications	GL ABS BV RMRS LR DNV RINA
Ambient air temperature for operation	32140 °F (060 °C)
Ambient Air Temperature for Storage	-13158 °F (-2570 °C)
Relative Humidity	1095 % without condensation for operation 595 % without condensation for storage
Operating altitude	06561.68 ft (02000 m)
Protective treatment	TC
IP Degree of Protection	IP20
pollution degree	2

Ordering and shipping details

Category	US1PC2222558
Discount Schedule	PC22
GTIN	3389110876253
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	16.5 oz (469.0 g)

Contractual warranty

Warranty

18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Solution Materials and Substances

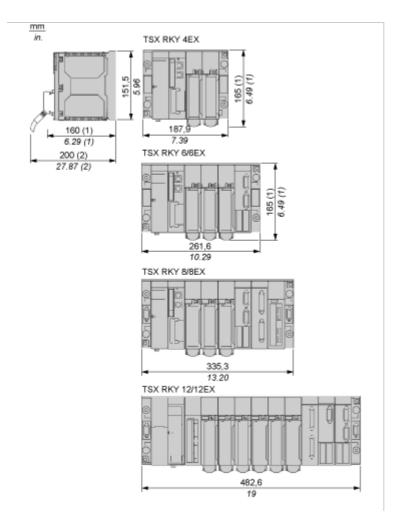
California proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.For more information go to www.p65warnings.ca.gov

Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks



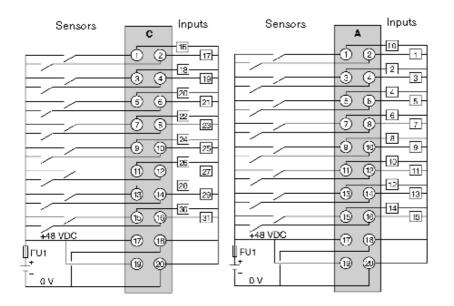
(1) With screw terminal block modules.

(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