Product data sheet

Specifications

discrete input module -16 current sink isolated fast - 24 V DC - 3.5 mA

TSXDEY16FKC

⚠ **Discontinued on:** Dec 2, 2020

⚠ **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	16 current sink isolated fast 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	0.1...7.5 ms
Isalotion Resistance	< 10 MOhm 500 V DC
Power Dissipation	(1.2 W + 0.1 W x No of channels used)
Electrical Connection	HE-10 connector
Marking	CE
Current Consumption	250 mA 5 V DC 75 mA 24 V DC
Module Format	Standard
Net Weight	0.66 lb(US) (0.3 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	EN/IEC 61131-2
	CSA C22.2 No 213 Class I Division 2 Group A
	92/31/EEC
	93/68/EEC
	CSA C22.2 No 213 Class I Division 2 Group C
	CSA C22.2 No 142
	89/336/EEC
	CSA C22.2 No 213 Class I Division 2 Group B
	73/23/EEC
	CSA C22.2 No 213 Class I Division 2 Group D
	IEC 60664
	UL 508
Product Certifications	ABS
	LR
	DNV
	GL
	RINA
	BV
	RMRS
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	3595863936360
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	15.34 oz (435.0 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	2.86 lb(US) (1.296 kg)

Contractual warranty

Warranty   18 months

Sustainability

Green Premium™ 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 >

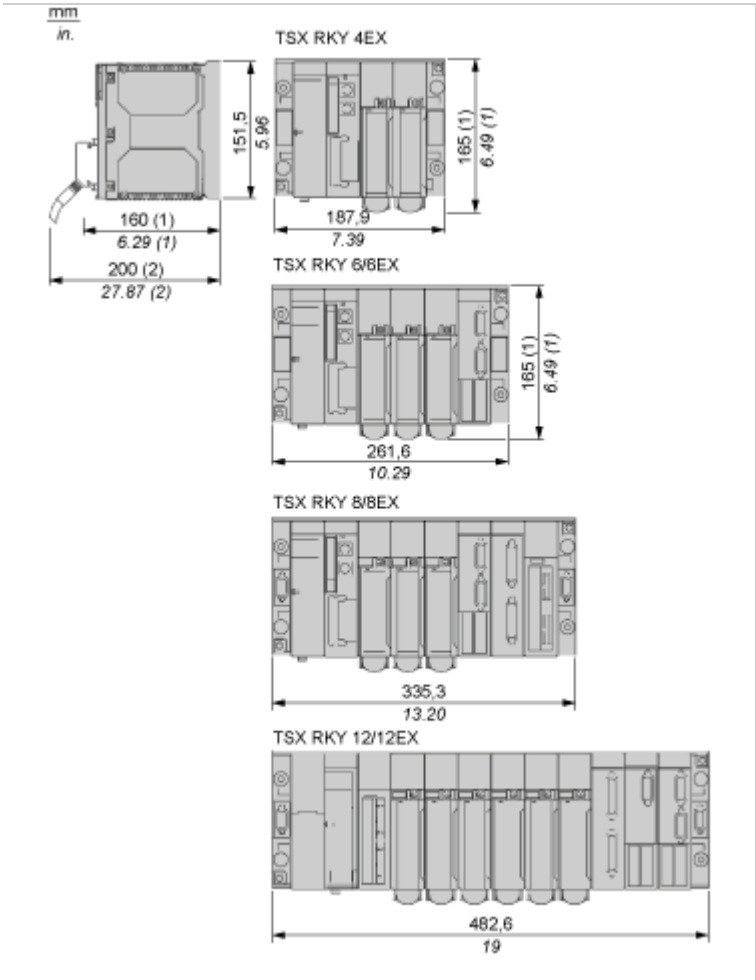**California Proposition 65**

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
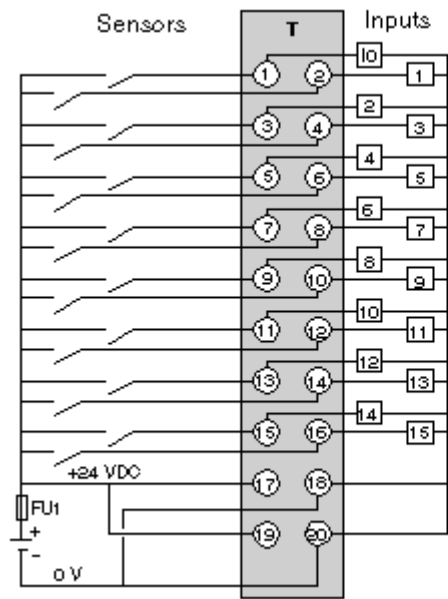
Dimensions of Modules and Racks

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

Connections and Schema

24 Vac Discrete Input 16-Channel Module

Wiring Diagram

FU1   0.5 A quick-blow fuse