Product data sheet

Specifications

discrete input module -64 current sink isolated - 24 V DC - 3.5 mA

TSXDEY64D2KC

⚠ **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	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	<= 7 ms 4 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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Standards	CSA C22.2 No 213 Class I Division 2 Group D
	73/23/EEC
	93/68/EEC
	CSA C22.2 No 213 Class I Division 2 Group A
	CSA C22.2 No 213 Class I Division 2 Group C
	EN/IEC 61131-2
	92/31/EEC
	89/336/EEC
	IEC 60664
	UL 508
	CSA C22.2 No 142
	CSA C22.2 No 213 Class I Division 2 Group B
Product Certifications	GL
	RMRS
	RINA
	LR
	ABS
	BV
	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
	Conformal coating Humiseal 1A33
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	5.5 cm
Package 1 Width	18.0 cm
Package 1 Length	26.0 cm
Package 1 Weight	503.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	4
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	2.438 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 〉

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

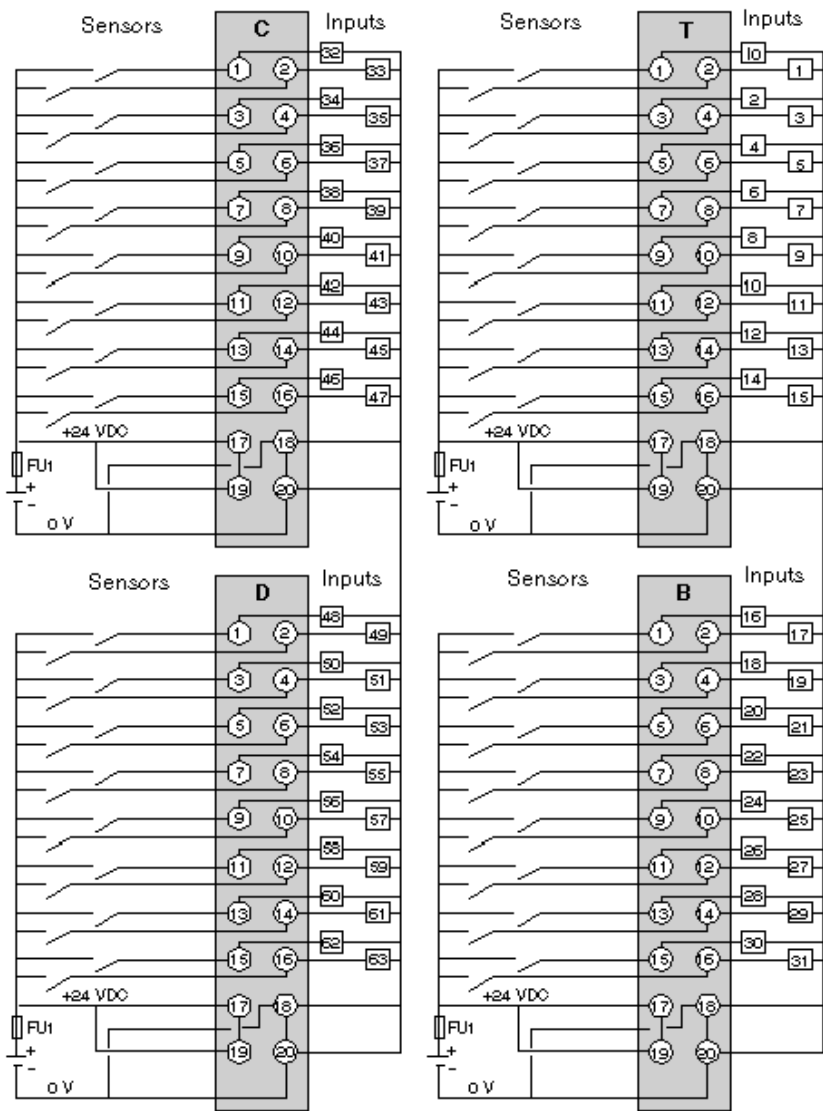### Dimensions of Modules and Racks

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

Connections and Schema

24 Vdc Discrete Input 64-Channel Module

Wiring Diagram

FU1   0.5 A quick-blow fuse