

# Product data sheet

## Characteristics

# TSXDEY64D2KC

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

Product availability : Stock - Normally stocked in distribution facility

Price\* : 1914.75 USD



### 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	$\geq 11$ V
Current state 1 guaranteed	$\geq 3$ mA
Voltage state 0 guaranteed	$\leq 5$ V
Current state 0 guaranteed	$\leq 1.5$ mA
Input impedance	6300 Ohm at state 1
Response time	4 ms $\leq 7$ ms
Insulation 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 5 V DC 315 mA 24 V DC
Module format	Standard
Product weight	0.82 lb(US) (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 C CSA C22.2 No 213 Class I Division 2 Group D 73/23/EEC IEC 60664 92/31/EEC UL 508 EN/IEC 61131-2 93/68/EEC 89/336/EEC CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group B
Product certifications	DNV GL RMRS ABS BV LR RINA
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	Conformal coating Humiseal 1A33 TC
IP degree of protection	IP20
Pollution degree	2

## Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21
Returnability	N
Country of origin	FR

## Offer Sustainability

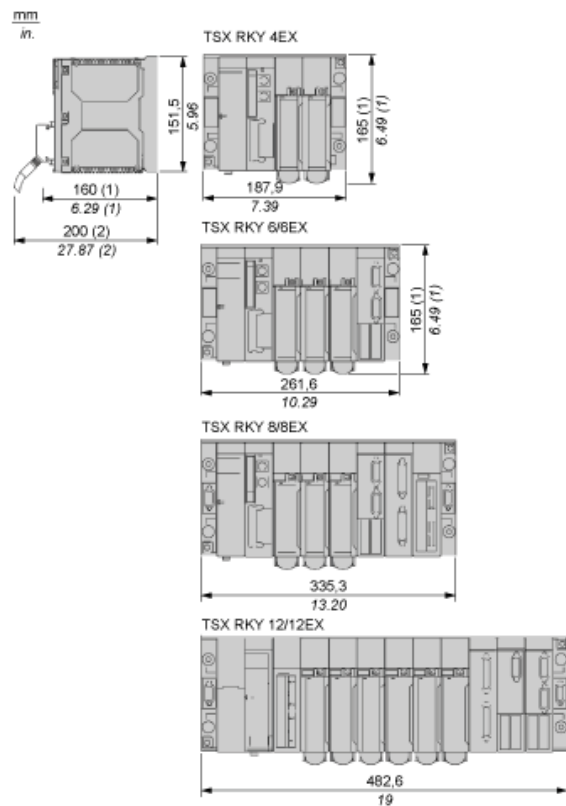
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0847 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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Standard and Extendable Racks for Modules Mounting

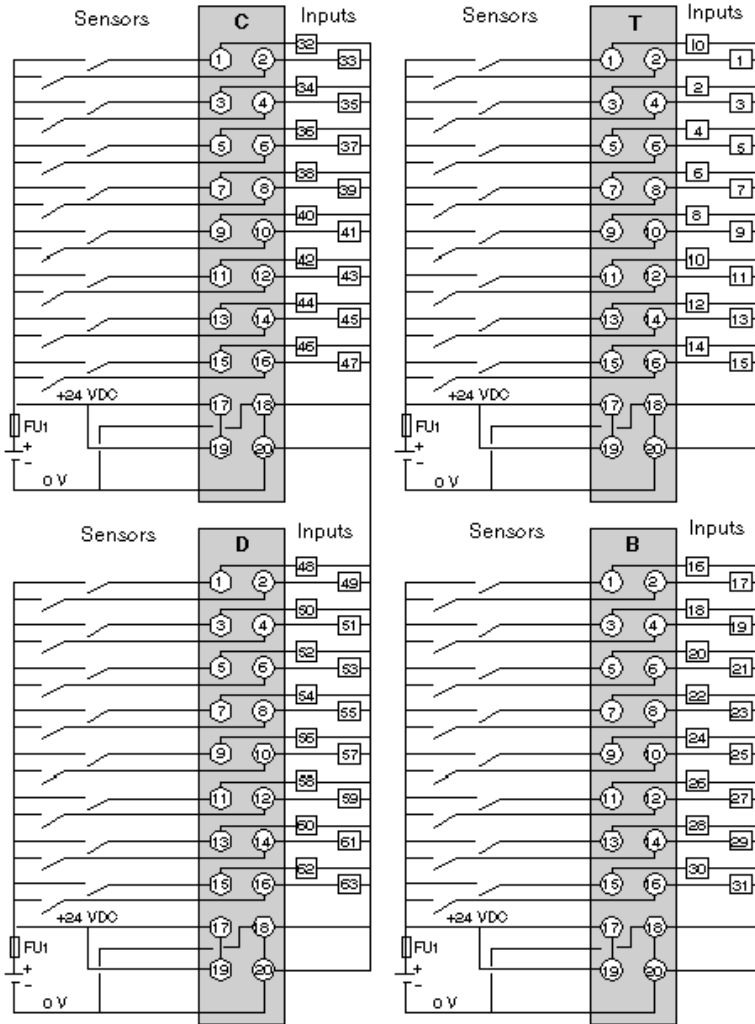
Dimensions of Modules and Racks



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

24 Vdc Discrete Input 64-Channel Module

Wiring Diagram



FU1 0.5 A quick-blow fuse