

Product data sheet

Characteristics

TSXDEY16FKC

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

Product availability : Stock - Normally stocked in distribution facility

Price* : 966.00 USD



Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete input module
Discrete input number	16 current sink isolated fast 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	0.1...7.5 ms
Insulation 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
Product weight	0.66 lb(US) (0.3 kg)

Environment

Dielectric strength	1500 V AC at 50/60 Hz
Standards	CSA C22.2 No 213 Class I Division 2 Group C

EN/IEC 61131-2
 CSA C22.2 No 213 Class I Division 2 Group A
 89/336/EEC
 93/68/EEC
 92/31/EEC
 CSA C22.2 No 142
 UL 508
 CSA C22.2 No 213 Class I Division 2 Group B
 CSA C22.2 No 213 Class I Division 2 Group D
 73/23/EEC
 IEC 60664

Product certifications	LR RINA RMRS DNV GL ABS 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
Nbr. of units in pkg.	1
Package weight(Lbs)	6.6100000000000003
Returnability	N
Country of origin	FR

Offer Sustainability

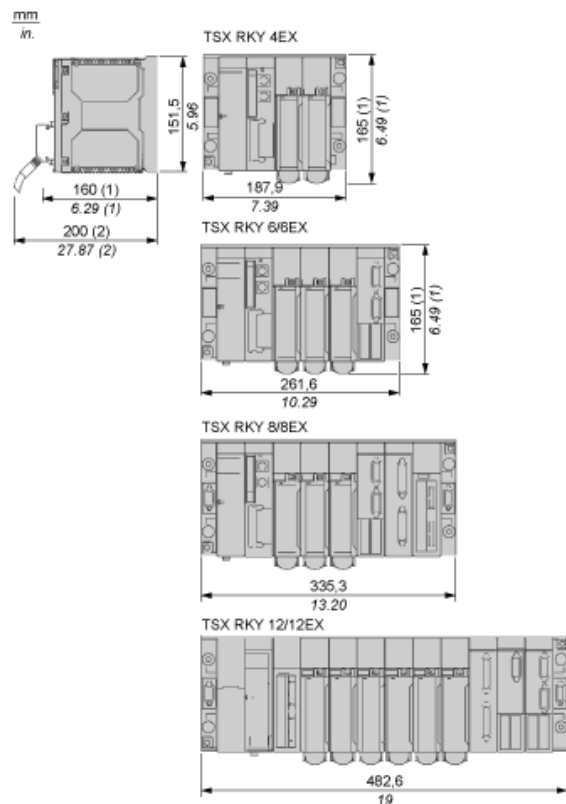
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0847 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product 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

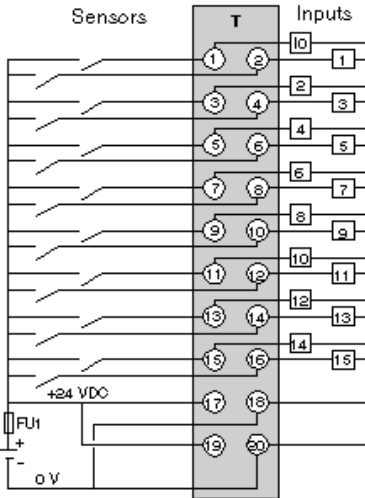
Dimensions of Modules and Racks



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

24 Vac Discrete Input 16-Channel Module

Wiring Diagram



FU1 0.5 A quick-blow fuse