Product data sheet

Specifications



Discontinued - Service only

Discrete output module, Modicon Premium, 16 outputs, 1.1W, overvoltage protection by transil diode

TSXDSY16T2

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 output module
Discrete output number	16
Discrete output type	Solid state protected
Discrete output voltage	24 V DC positive EN/IEC 61131-2 19...30 V
Discrete output current	0.5 A

Complementary

Current per channel	0.625 A
Maximum current per module	7 A
Maximum leakage current	0.5 mA at state 0
[Ures] residual voltage	1.2 V
Response time	1.2 ms
Switching frequency	0.5/LI² Hz
Output overvoltage protection	By transil diode
Reverse polarity protection	Reverse mounted diode
Output overload protection	Electronic tripping on reactivation
Short-circuit protection	Electronic tripping on reactivation
Preactuator voltage detection threshold	16 V
Minimum load impedance	48 W
isalotion resistance	> 10 MOhm 500 V
Power dissipation	(1.1 W + 0.75 W x No of outputs x current per module)
Marking	CE
Electrical connection	Screw terminal block
Current consumption	80 mA 5 V DC
Module format	Standard
Product Weight	0.75 lb(US) (0.34 kg)

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Dielectric strength	1500 V 50/60 Hz 60 s
Standards	CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 142 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group D 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group A UL 508 IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group B 73/23/EEC 92/31/EEC
Product Certifications	DNV RMRS GL BV ABS RINA LR
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
IP Degree of Protection	IP20
Pollution degree	2

Ordering and shipping details

Category	US1PC2222558
Discount Schedule	PC22
GTIN	3389110717600
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.2 in (5.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.2 in (26.0 cm)
Package weight(Lbs)	16.0 oz (453.0 g)

Contractual warranty

Warranty (in months)	18

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 Longer

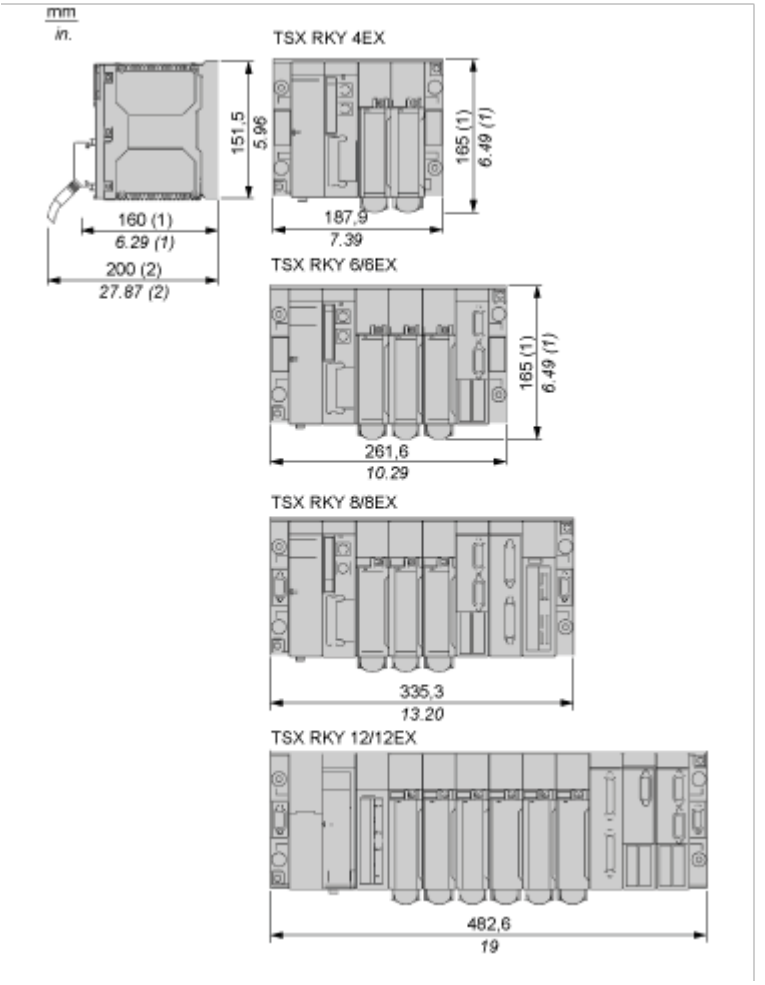
Lifetime extension

Repair	No

Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

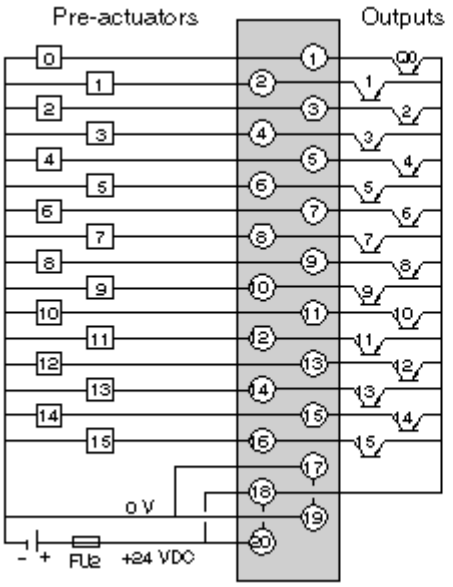


(**1**) With screw terminal block modules.
(**2**) Maximum depth for all types of modules and their associated connectors.

Connections and Schema

24 Vdc Discrete Transistor Output 16-Channel Module

Wiring Diagram



FU2 6.3 A quick-blow fuse