

Product data sheet

Specifications



discrete output module - 8 solid state protected output - 24 V DC - 2000 mA

TSXDSY08T22C

⚠ Discontinued - Service only

⚠ Discontinued on: Dec 31, 2017

⚠ To be end-of-service on: Dec 31, 2025

Main

Range Of Product	Modicon Premium Automation platform
Product Or Component Type	Discrete output module
Discrete Output Number	8
Discrete Output Type	Solid state protected
Discrete Output Voltage	24 V DC positive conforming to EN/IEC 61131-2 19...30 V
Discrete Output Current	2000 mA

Complementary

Current Per Channel	2.5 A
Maximum Current Per Module	14 A
Maximum Leakage Current	1 mA at state 0
[Ures] Residual Voltage	0.5 V
Response Time	0.2 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	12 W
Isalotion Resistance	> 10 MOhm 500 V
Power Dissipation	(1.3 W + 0.2 W x No of outputs x current per module)
Marking	CE
Electrical Connection	Screw terminal block
Current Consumption	55 mA at 5 V DC
Module Format	Standard
Net Weight	0.41 kg

Environment

Dielectric Strength	1500 V 50/60 Hz 60 s
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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

Standards	UL 508 89/336/EEC 92/31/EEC CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group B IEC 61131-2 73/23/EEC 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group C
Product Certifications	LR DNV RMRS BV GL RINA ABS
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	6.0 cm
Package 1 Width	18.0 cm
Package 1 Length	26.0 cm
Package 1 Weight	544.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	2
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	1.514 kg

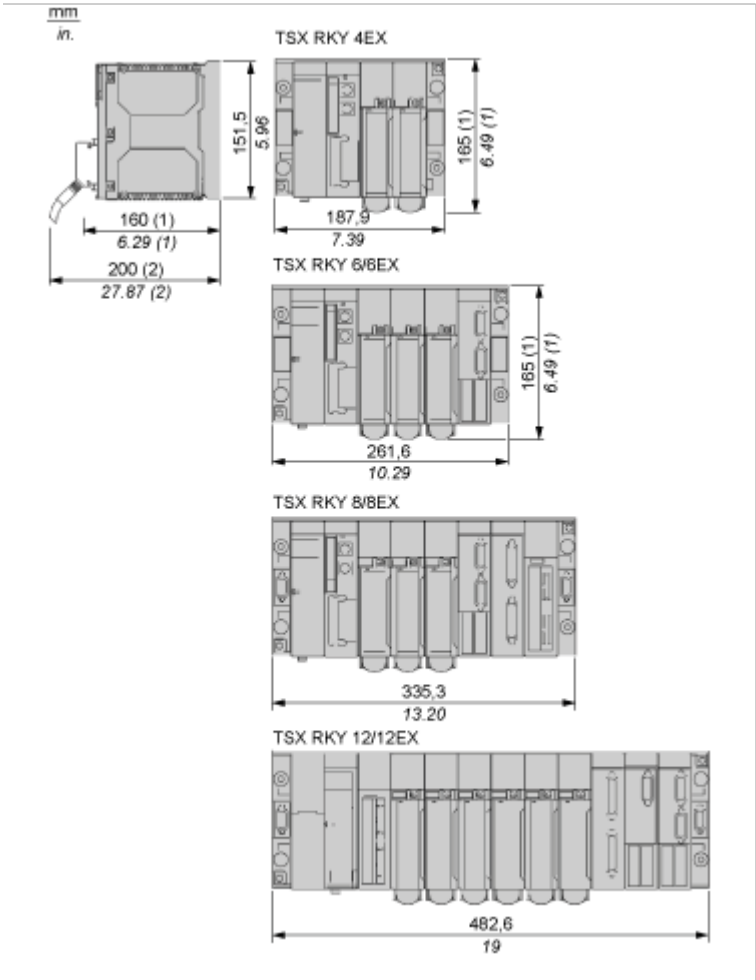
Contractual warranty

Warranty	18 months
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Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

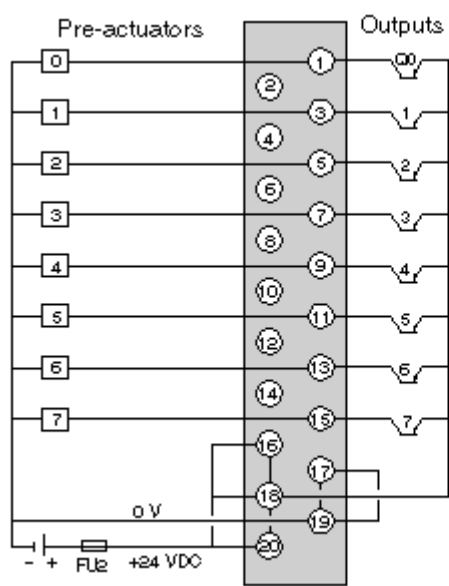


- (1) With screw terminal block modules.
- (2) Maximum depth for all types of modules and their associated connectors.

Connections and Schema

24 Vdc Discrete Transistor Output 8-Channel Module

Wiring Diagram



FU2 16 A quick-blow fuse