

Product data sheet

Specifications



Discrete output module, Modicon Premium, 64 outputs, 2.4W, overvoltage protection by transil diode

TSXDSY64T2K

! Discontinued - Service only

! 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	64
Discrete Output Type	Solid state protected
Discrete Output Voltage	24 V DC positive EN/IEC 61131-2 19...30 V

Complementary

Current Per Channel	0.1 A
Maximum Current Per Module	5 A
Maximum Leakage Current	0.1 mA 30 V
Maximum Tungsten Load	1.2 W
[Ures] Residual Voltage	1.5 V
Response Time	1.2 ms
Paralleling Of Outputs	Yes : 3 maximum
Output Overvoltage Protection	By transil diode
Reverse Polarity Protection	Reverse mounted diode
Output Overload Protection	Automatic trip
Short-Circuit Protection	Automatic trip
Minimum Load Impedance	220 W at state 1
Isalotion Resistance	> 10 MOhm 500 V
Power Dissipation	(2.4 W + 0.1 W x No of outputs)
Product Compatibility	Dial and Power
Marking	CE
Electrical Connection	4 connectors HE-10
Current Consumption	155 mA 5 V DC
Module Format	Standard
Net Weight	0.79 lb(US) (0.36 kg)

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

Environment

Dielectric Strength	1500 V 50/60 Hz 60 s
Standards	UL 508 CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group C 93/68/EEC 89/336/EEC IEC 61131-2 CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group B 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group D 73/23/EEC
Product Certifications	RINA DNV BV ABS GL RMRS 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	3389110725582
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.17 in (5.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	17.74 oz (503.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	8.87 lb(US) (4.024 kg)

Contractual warranty

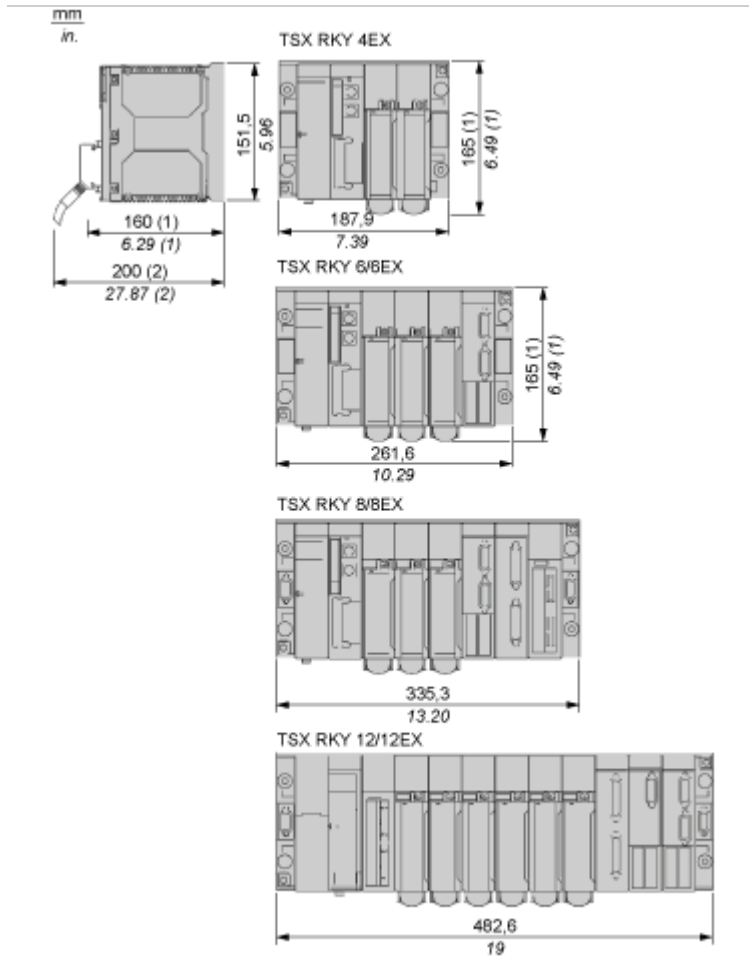
Warranty

18 months

Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks



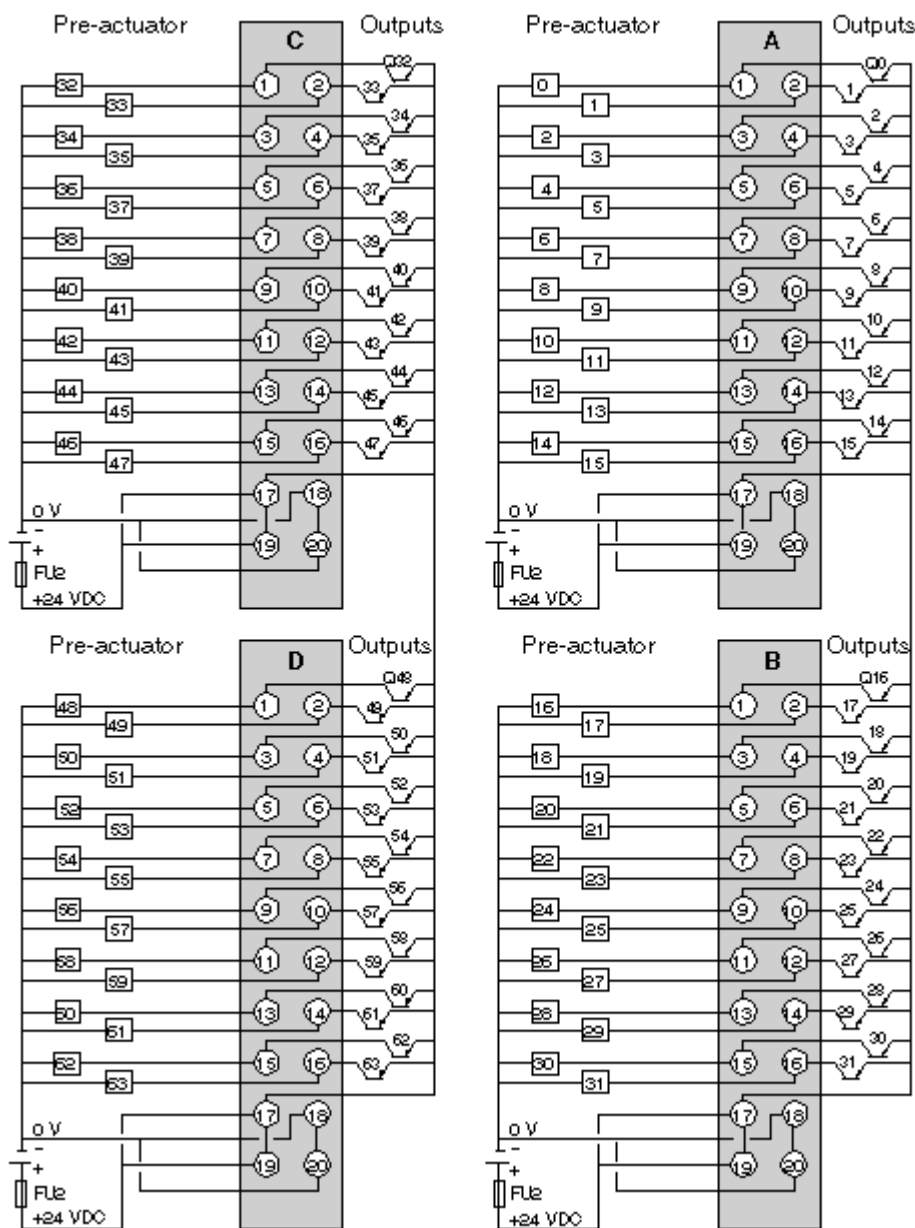
(1) With screw terminal block modules.

(2) Maximum depth for all types of modules and their associated connectors.

Connections and Schema

Discrete Transistor Output 64-Channel Module for Direct Current

Wiring Diagram



FU2 2 A quick-blow fuse.

NOTE: It is compulsory to connect:

- the + 24 VDC to terminals 17 and 19;
- the 0 V to terminals 18 and 20.