



# Product data sheet

Specifications



## discrete output module Modicon Premium - 8 O solid state

TSXDSY08T22

-  **Discontinued on:** Dec 2, 2020
-  **To be end-of-service on:** Dec 31, 2026

 **Discontinued - Service only**

**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	8
Discrete Output Type	Solid state protected
Discrete Output Voltage	24 V DC positive EN/IEC 61131-2 19...30 V
Discrete Output Current	2 A

### 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 5 V DC
Module Format	Standard
Net Weight	0.90 lb(US) (0.41 kg)

### Environment

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

Dielectric Strength	1500 V 50/60 Hz 60 s
Standards	CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group A 93/68/EEC 73/23/EEC 92/31/EEC UL 508 IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group C 89/336/EEC
Product Certifications	RINA GL RMRS BV ABS LR DNV
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	3389110717594
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	18.55 oz (526.0 g)

## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

### California Proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

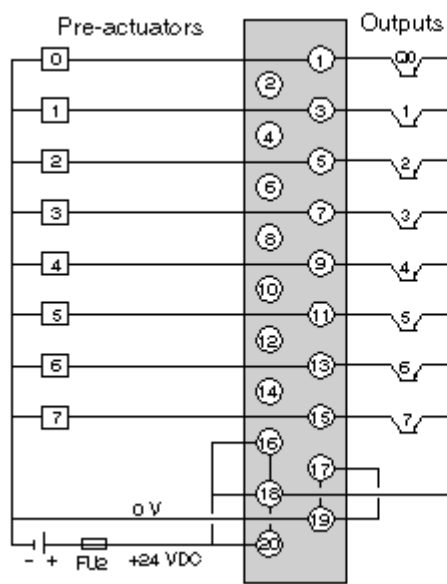


- (1) With screw terminal block modules.
- (2) Maximum depth for all types of modules and their associated connectors.

Connections and Schema

24 Vdc Discrete Transistor Output 8-Channel Module

Wiring Diagram



FU2 16 A quick-blow fuse