

# Product data sheet

Specifications



## discrete output module Modicon Premium - 8 O relay

TSXDSY08R4D

⚠ 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	Relay protected
Discrete output voltage	24...120 V DC EN/IEC 61131-2 19...143 V

### Complementary

[Ith] conventional free air thermal current	5 A
Response time	< 10 ms (activation) < 15 ms (deactivation)
Contacts type and composition	2 x 2 C/O + 2 x 2 NO
Output overvoltage protection	RC circuit and Ge-Mov
Output overload protection	6.3 A, interchangeable fuse per common fast blow
Short-circuit protection	6.3 A, interchangeable fuse per common fast blow
Isolation resistance	> 10 MΩ 500 V
Power dissipation	(0.25 W + 0.24 W x No of outputs at state 1)
Electrical durability	1000000 cycles DC-12 100 W 48 V resistive 1000000 cycles DC-12 220 W 100...120 V resistive 1000000 cycles DC-12 50 W 24 V resistive 1000000 cycles DC-3 100 W 48 V inductive 1000000 cycles DC-3 220 W 100...120 V inductive 1000000 cycles DC-3 50 W 24 V inductive 2000000 cycles DC-3 110 W 100...120 V inductive 2000000 cycles DC-3 20 W 24 V inductive 2000000 cycles DC-3 50 W 48 V inductive 300000 cycles DC-12 100 W 24 V resistive 300000 cycles DC-12 200 W 48 V resistive 300000 cycles DC-12 440 W 100...120 V resistive
Marking	CE
Electrical connection	Screw terminal block
Current consumption	55 mA 5 V DC 80 mA 24 V DC rack
Module format	Standard
Net Weight	0.82 lb(US) (0.37 kg)

### Environment

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

<b>Dielectric strength</b>	2000 V 50/60 Hz 60 s
<b>Standards</b>	89/336/EEC UL 508 CSA C22.2 No 213 Class I Division 2 Group C 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group B 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 142 93/68/EEC IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group A
<b>Product Certifications</b>	LR GL DNV RINA BV ABS RMRS
<b>Ambient Air Temperature for Operation</b>	32...140 °F (0...60 °C)
<b>Ambient Air Temperature for Storage</b>	-13...158 °F (-25...70 °C)
<b>Relative Humidity</b>	10...95 % without condensation for operation 5...95 % without condensation for storage
<b>Operating altitude</b>	0...6561.68 ft (0...2000 m)
<b>Protective treatment</b>	TC
<b>IP Degree of Protection</b>	IP20
<b>Pollution degree</b>	2

## Ordering and shipping details

<b>Category</b>	US1PC2222558
<b>Discount Schedule</b>	PC22
<b>GTIN</b>	3389110725797
<b>Returnability</b>	No

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.2 in (5.5 cm)
<b>Package 1 Width</b>	7.09 in (18.0 cm)
<b>Package 1 Length</b>	10.2 in (26.0 cm)
<b>Package weight(Lbs)</b>	18.6 oz (527.0 g)
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	8
<b>Package 2 Height</b>	11.8 in (30.0 cm)
<b>Package 2 Width</b>	11.8 in (30.0 cm)
<b>Package 2 Length</b>	15.7 in (40.0 cm)
<b>Package 2 Weight</b>	10.430 lb(US) (4.731 kg)

## Contractual warranty

<b>Warranty (in months)</b>	18
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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 Better

### Materials and Substances

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)

## Use Longer

### Lifetime extension

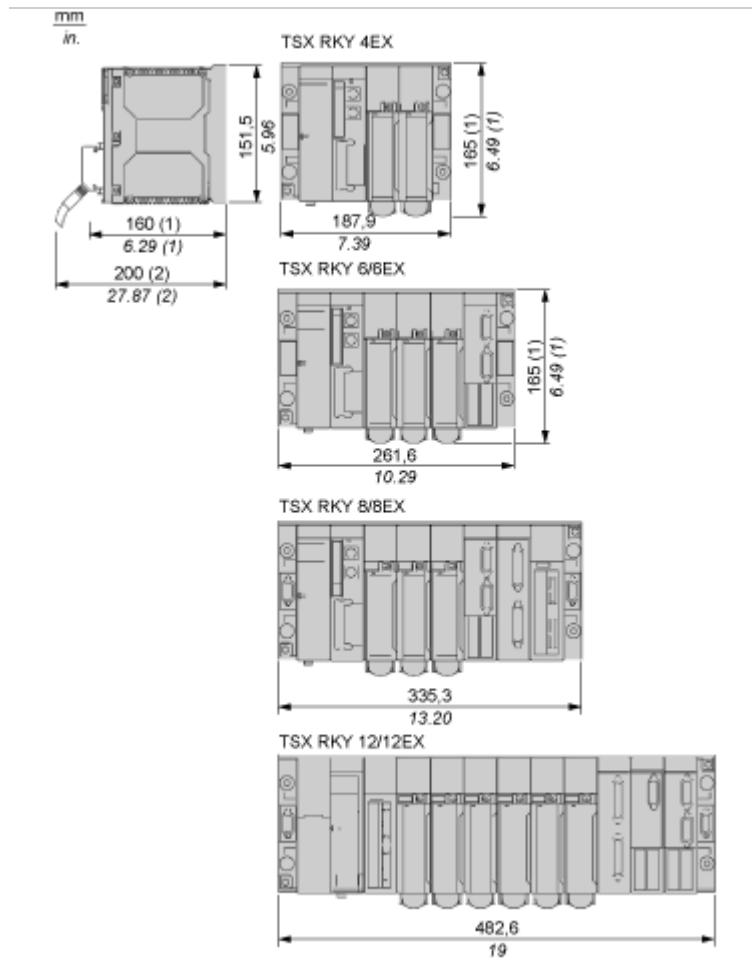
Repair

No

## Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

## Dimensions of Modules and Racks



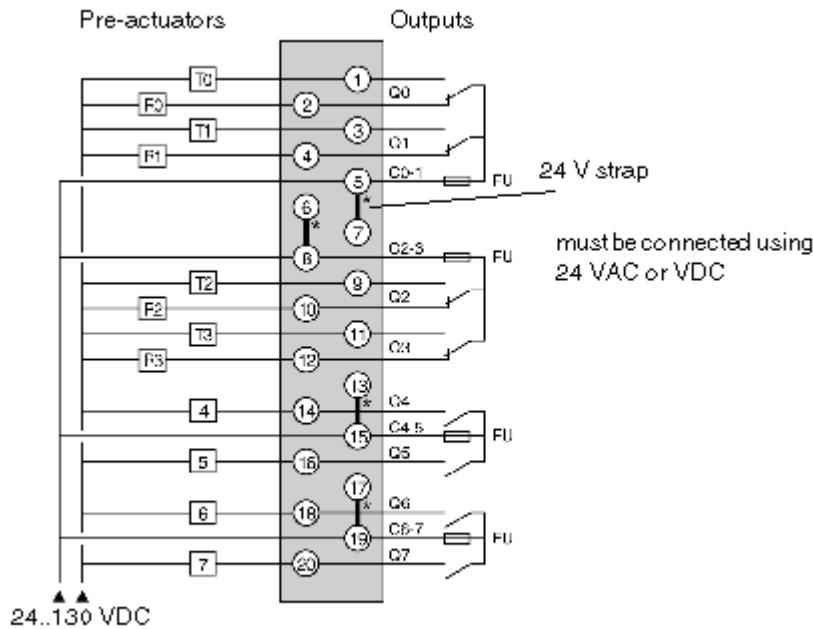
(1) With screw terminal block modules.

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

## Connections and Schema

## **Discrete Relay Output 8-Channel Module for Direct Current**

## Wiring Diagram



## FU 6.3 A quick-blow fuse