

Product datasheet

Specifications



discrete output module Modicon Premium - 16 O solid state

TSXDSY16S5

-  **Discontinued on:** 23 Jan 2021
-  **To be end-of-service on:** 31 Dec 2026

 **Discontinued - Service only**

Price: 15,911.98 ZAR

Main

Range Of Product	Modicon Premium Automation platform
Product Or Component Type	Discrete output module
Discrete Output Number	16
Discrete Output Type	Triac protected
Discrete Output Voltage	48...240 V AC conforming to EN/IEC 61131-2 41...264 V

Complementary

Current Per Channel	1 A
Maximum Current Per Module	12 A
Response Time	< 10 ms (activation) < 10 ms (deactivation)
Output Overvoltage Protection	Ge-Mov
Output Overload Protection	5 A, integrated fuse fast blow
Short-Circuit Protection	5 A, integrated fuse fast blow
Isalotion Resistance	> 10 MOhm 500 V
Power Dissipation	(0.85 W + 1 W x No of outputs x current per module)
Marking	CE
Electrical Connection	Screw terminal block
Current Consumption	220 mA at 5 V DC
Module Format	Standard
Net Weight	0.31 kg

Environment

Dielectric Strength	2000 V 50/60 Hz 60 s
Standards	IEC 61131-2 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group B 89/336/EEC UL 508 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group A 92/31/EEC CSA C22.2 No 142

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Product Certifications	ABS RMRS LR GL BV DNV RINA
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
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	5.5 cm
Package 1 Width	18.0 cm
Package 1 Length	26.0 cm
Package 1 Weight	453.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.139 kg

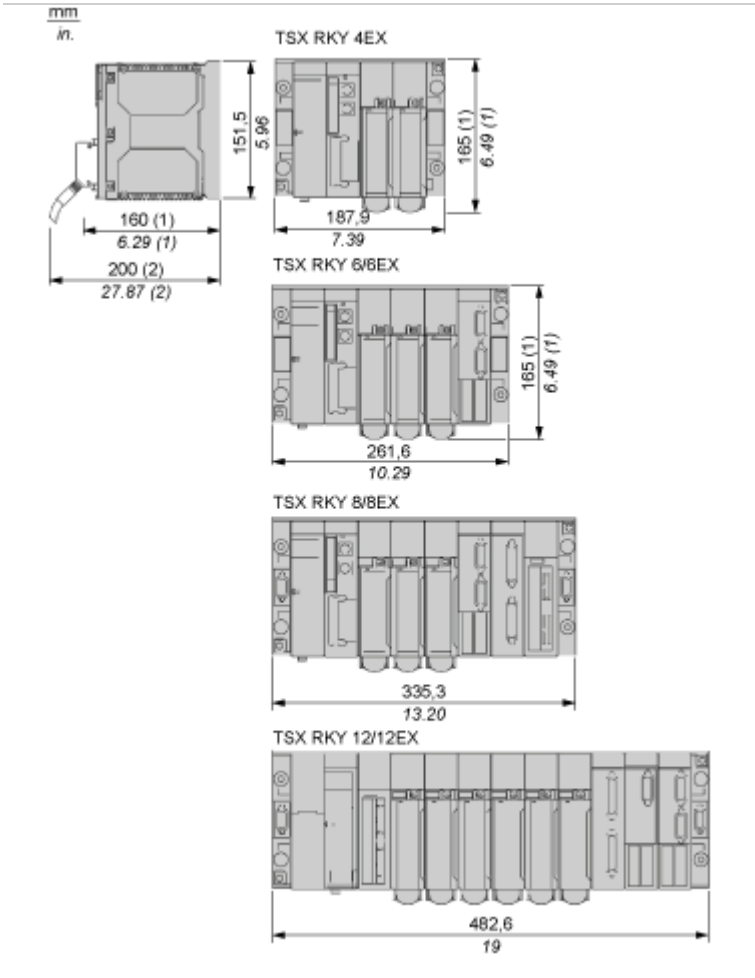
Contractual warranty

Warranty	18 months
----------	-----------

Dimensions Drawings

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

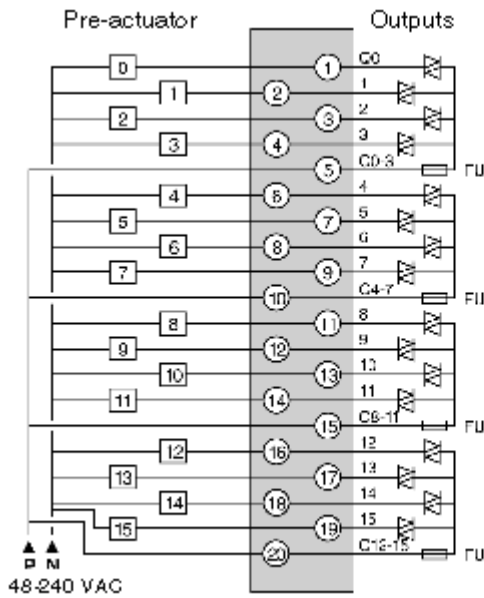


- (1) With screw terminal block modules.
- (2) Maximum depth for all types of modules and their associated connectors.

Connections and Schema

Discrete Bidirectional Triode Thyristor Output 16-Channel Module

Wiring Diagram



FU Ultra-quick blow interchangeable 5 A fuse