Product data sheet

Specifications

Multi axis control module, Modicon Premium, for SERCOS digital servo drives, 4Mbit/s, 9W, 1800 mA at 5VDC, 8 axis

TSXCSY84

⚠ **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	Multi axis control module
Product Specific Application	SERCOS digital servo drives
Number Of Channels	32
Number Of Axis	4 imaginary 4 remote 8 real
Path Function	Following of auxiliary axes Simple linear path
Communication Network Type	SERCOS 2
Structure Type	Industrial EN 61491

Complementary

Set Of Axes	4 followers 4 coordinated
Cam Profile	7
Topology	Ring
Transmission Support Medium	Fiber optic cable
Transmission Rate	4 Mbit/s
Cycle Time	2 ms 2 2 ms 4 4 ms 8
Maximum Number Of Segment Of Sercos Network	9
Maximum Optic Fiber Length	492.13 ft (150 m) glass 124.67 ft (38 m) plastic
Maximum Length Of Segment	328.08 ft (100 m) bus X
Power Dissipation In W	9 W
Local Signalling	for module operating (RUN) 1 LED (green) for external fault (I/O) 1 LED (red) for internal fault, module failure (ERR) 1 LED (red) for flashing indicates data transmission and reception (SER) 1 LED (yellow) for flashing module reinitializing (INI) 1 LED (yellow) for channel diagnostic 24 LEDs (green)

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

Current Consumption	1800 mA 5 V DC
Net Weight	1.15 lb(US) (0.52 kg)

Environment

Standards	EN/IEC 61491
Ip Degree Of Protection	IP20
Ambient Air Temperature For Operation	32…140 °F (0…60 °C)
Relative Humidity	10…95 % without condensation

Ordering and shipping details

Category	US1PC2222558
Discount Schedule	PC22
Gtin	3595860287137
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.74 in (9.5 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	25.61 oz (726.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	4
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	7.54 lb(US) (3.419 kg)

Contractual warranty

Warranty	18 months

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Sustainability

Green Premium^{TM} 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_2 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 >

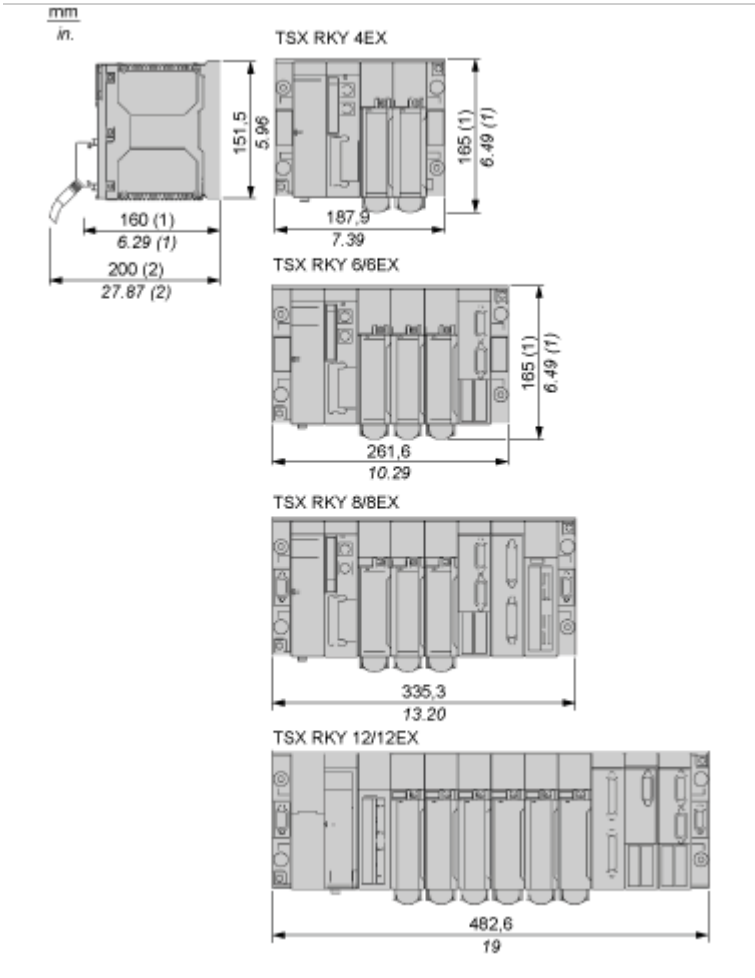Guide to assess a product's sustainability >

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

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.