

TSXCSY164

Multi axis control module, Modicon Premium,
for SERCOS digital servo drives, 4Mbit/s, 9W,
1800 mA at 5VDC, 16 axis



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	16 configurable
Path function	Following of auxiliary axes Simple linear
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 3 Ms 12 4 Ms 16 2 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 1 LED (yellow) For flashing module reinitializing (INI) 1 LED (yellow) For channel diagnostic 24 LEDs (green)
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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Ordering and shipping details

Category	22558-TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	3595862070027
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	25.68 oz (728.0 g)
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	15.75 in (40.0 cm)
Package 2 Length	23.62 in (60.0 cm)
Package 2 Weight	21.35 lb(US) (9.683 kg)

Offer 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
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Contractual warranty

Warranty	18 months
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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.