

TSXCSY84

multi axis control module - for SERCOS digital servo drives - 1800 mA at 5 V DC



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 conforming to EN 61491

Complementary

Set of axes	4 coordinated 4 followers
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
Optic fiber length	<= 150 m glass <= 38 m plastic
Length of segment	100 m bus X
Power dissipation in W	9 W
Local signalling	1 LED green module operating (RUN) 1 LED red external fault (I/O) 1 LED red internal fault, module failure (ERR) 1 LED yellow flashing indicates data transmission and reception (SER) 1 LED yellow flashing module reinitializing (INI) 24 LEDs green channel diagnostic
Current consumption	1800 mA 5 V DC

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 weight	0.52 kg
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Environment

Standards	EN/IEC 61491
IP degree of protection	IP20
Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 % without condensation

Offer Sustainability

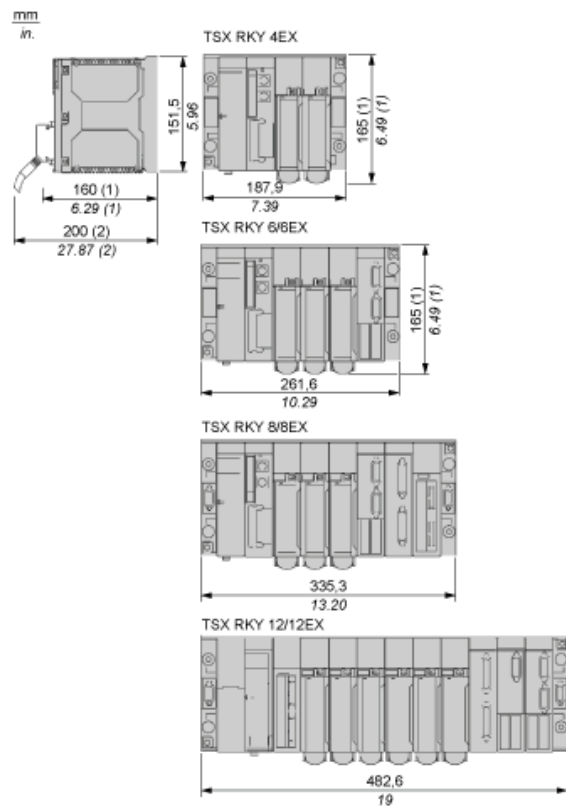
RoHS (date code: YYWW)	Compliant - since 1201 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	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.