

TSXCSY85

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	8 real 4 remote 4 imaginary
Path function	Circular path 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	4 ms 8 2 ms 4 2 ms 2
Maximum number of segment of SERCOS network	9
Optic fiber length	<= 38 m plastic <= 150 m glass
Length of segment	100 m bus X
Power dissipation in W	9 W
Local signalling	24 LEDs green channel diagnostic 1 LED yellow flashing module reinitializing (INI) 1 LED yellow flashing indicates data transmission and reception 1 LED red internal fault, module failure (ERR) 1 LED red external fault (I/O) 1 LED green module operating (RUN)
Current consumption	1800 mA 5 V DC
Product weight	0.52 kg

Environment

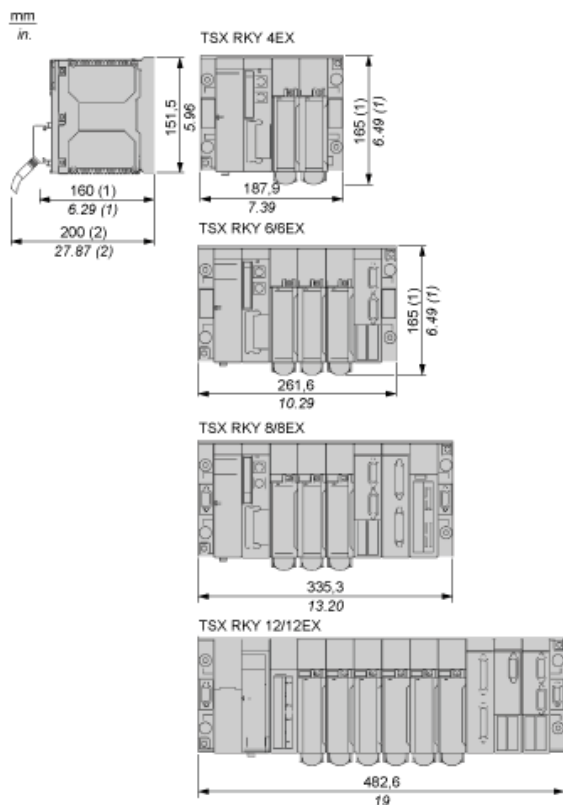
Standards	EN/IEC 61491
IP degree of protection	IP20
Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 % without condensation

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0901 - Schneider Electric declaration of conformity download declaration of conformity

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.