Product data sheet
Characteristics

TSXCSY84
multi axis control module - for SERCOS digital servo drives - 1800 mA at 5 V DC

has not been replaced. Please contact your customer care center for more information.

⊘ Restricted Sales for Services

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 followers 4 coordinated
Cam profile	7
Topology	Ring
Transmission support medium	Fiber optic cable
Transmission rate	4 Mbit/s
Cycle time	2 ms for 2 2 ms for 4 4 ms for 8
Maximum number of segment of SERCOS network	9
Maximum optic fiber length	150 m glass 38 m plastic
Maximum 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 at 5 V DC
Net 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

Contractual warranty

Warranty	18 months

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