Part Number: T100C
Model Number: FMTC24001
UL File Number: E520785

mol belting systems

Perfecting Motion™

T100C-FMTC24001					
Category	**Parameter**	**Min**	**Typical**	**Max**	**Units**
Supply - Power	Voltage	21.60	24.00	26.40	VCD
	Current	0.20		0.50	Amps
Supply - Motor Connection	Voltage		24.00		VDC
	Current			0.50	Amps
Outputs	Digital Output High-side			0.25	Amps
Inputs	Analog Input Reading Range*	0.00		10.00	Volts
	Analog Input Safe Operation	-24.00		36.00	Volts
	Digital Inputs	0.00		28.00	Volts
	On NPN	0.00		10.00	Volts
	On PNP	14.00		28.00	Volts
	Off	11.00		13.00	Volts
	Off - Open Circuit				
Environmental	Operating Temperature	0.00		60.00	Degree Celsius
Terminals - I/O	Wire Size	26.00		16.00	AWG
Terminals - Power	Wire Size	26.00		16.00	AWG
	Torque (Metric)	0.22		0.25	Newton Meters
	Torque (Imperial)	1.90		2.20	Pound-Inches

*not isolated

Import Safety Information

Failure to install or operate this device according to these standards may result in a safety hazard.

Environmental Specifications

Altitude: 5,300 Feet / 1.6Km

Relative Humidity: 10-75% non-condensing

Polution Degree: 3

Mechanical Specifications

Size (L x W x H): 4.45" x 2.83" x 0.94"

Weight: 0.45 lbs

Mechanical Installation

Mounting Holes: Two holes 3.937" apart centered on length and width dimensions.

Mounting Hole Diamater: Suitable for 1/4-20 SAE fastener or 6.5mm metric fastener

Note: Install in a suitable end product enclosure

Electrical Connections

Conductors: Copper conductors capable of supply the currents listed in the table on the left.

Fastening: Terminals shall be tightened to the torque specifications listed in the table to the left.

Motor Connection: To ensure proper connection between T100C-FMTC24001 and FM24095 motor, consult the SlimDrive™ motor catalog.

PRODUCT CONTAINS NO USER SERVICEABLE PARTS. OPENING THE ENCLOSURE WILL VOID THE WARRANTY AND MAY POSE A SAFETY RISK. DO NOT OPEN THE DEVICE!

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More Info Available:
molbelting.com/products/T100C/UL-documentation