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TECHNOLOGY GROUP

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TC-5 & TC-5P Current Regulated Power Supply



TC-5



TC-5P

c UL us LISTED

The MAGPOWR TC-5 is a compact solid state current regulated power supply with output capability to 1 amp at 90 VDC. It will operate all standard MAGPOWR clutches and brakes. Four current ranges of 1/8, 1/4, 1/2 and 1 amp are provided. The current range is selected by a simple jumper on the circuit board. This unit also includes reverse current circuitry as a standard feature, thus allowing greater controllability in the lowest torque range of the clutch or brake being operated.

The front panel meter indicates the current output and automatically reads full scale for each current range selected. The operator controls the output by rotating the front panel potentiometer. The TC-5 is available as an enclosure mounted control, while the TC-5P is a front panel mounted unit.

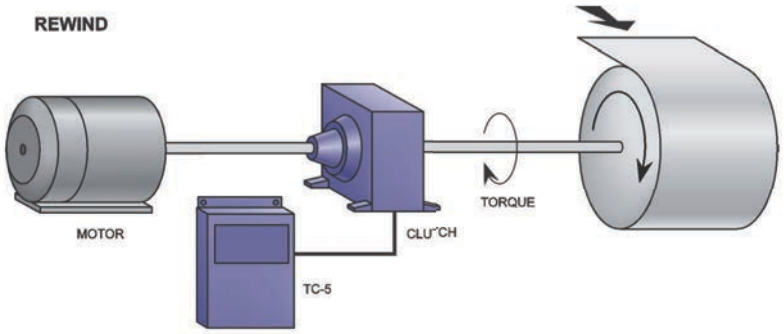
Specifications

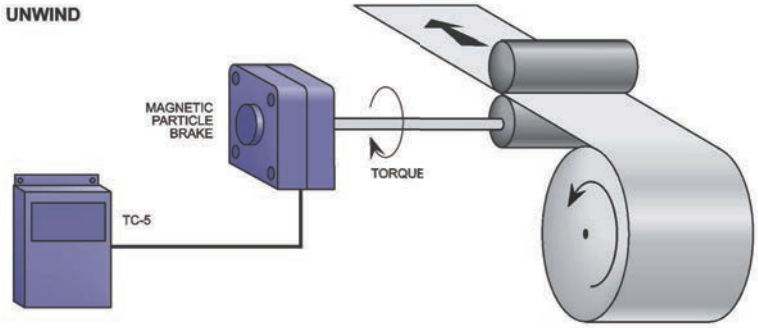
Input	95 to 135 VAC, 50/60 Hz,1.2 amp at 1 amp output, 117 VA with clutch or brake
Output	-3 to 90 VDC, full wave, SCR phase controlled, selectable current ranges 1/8, 1/4, 1/2, and 1 amp max
Regulation	Better than 2% of range selected
Operating Temperature	0 to 40˚ C
Storage Temperature	-30 to 85˚ C
Meter	Reads 0 to 100% of selected current range

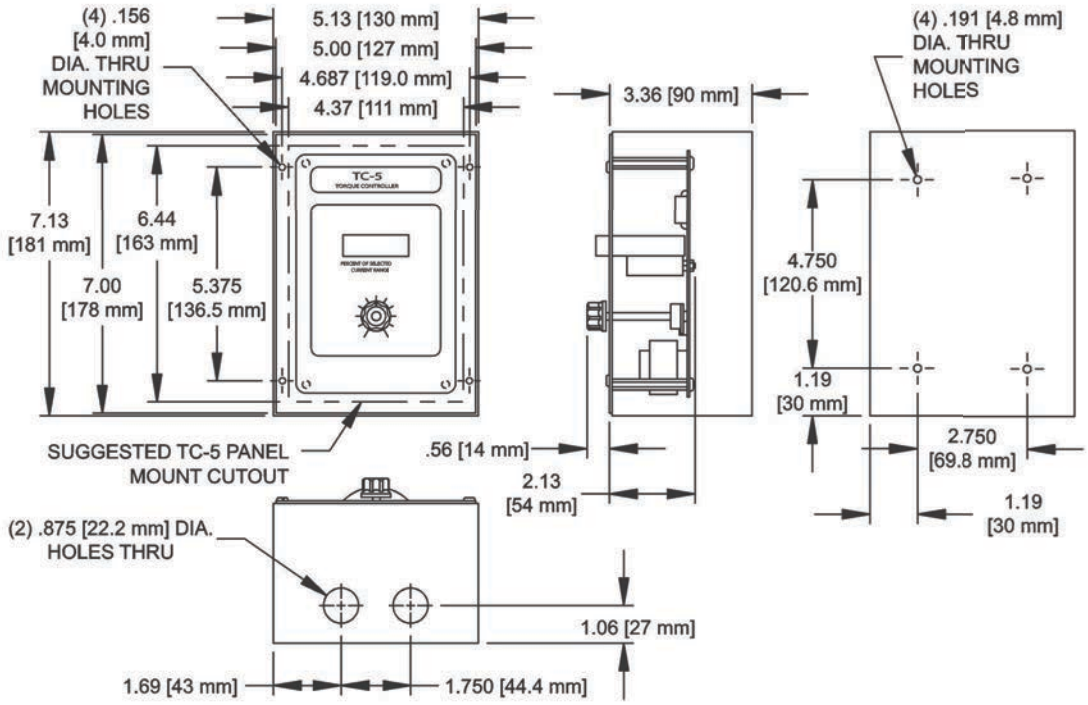
Certifications

UL 508C Listed

TC-5 & TC-5P Applications and Dimensions







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