

Features/Benefits

- Safe proportional speed control
- Turret-mounted batteries provide power independent of vehicle
- Built-in battery charge indicator
- Intelligent charging – will not drain vehicle batteries
- Simple break-away disconnects power from vehicle when turret is in motion
- Custom-programmable for different vehicles



Description

The CS3248 Improved Turret Drive System (ITDS) motor controller is part of our Turret Control System (TCS) line of products and is the military's go-to, field-proven solution for safety and accurately controlling the movement of heavily armored vehicle turrets.

Field-proven and industry standard on the following programs: HMMWV, MRAP, ASV and other armored vehicle turrets.

About Us

Designing and manufacturing field-hardened systems to meet the challenges of the military for over 20 years. Control Solutions LLC, your rapid-response provider of motion control solutions.



CS3248 TCS Motor Control and Drive Assembly



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BR0060-04.1

Specifications

MODEL Number	CS3248
Input Voltage	24 VDC
Output Drive	DC Brush Motor
Output Voltage	28 VDC, or 28.8 VDC or disabled (Dip switch selectable)
Continuous Output Amps	40 A
Peak Output Amps	120A
Joystick Input (x2) Voltage	0V to +5V
Operating Temperature Range °F (°C)	-40°C (-40°F) to 85°C (185°F) Meets MIL-STD-810G
Weight, lbs. (kg)	16 (7.3)
Dimensions, Inches (mm) (L X W X H)	10.8 x 8.4 x 3.3 (273 x 214 x 82)

Note: Specifications are subject to change without notice.

CS3248 Diagram

