

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 Turret Motor Controller Series, for the Improved Turret Drive System (ITDS) controllers are part of our Turret Control System (TCS) line of products and are 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.



CS3248D-1 (shown) TCS Motor Control and Drive Assembly



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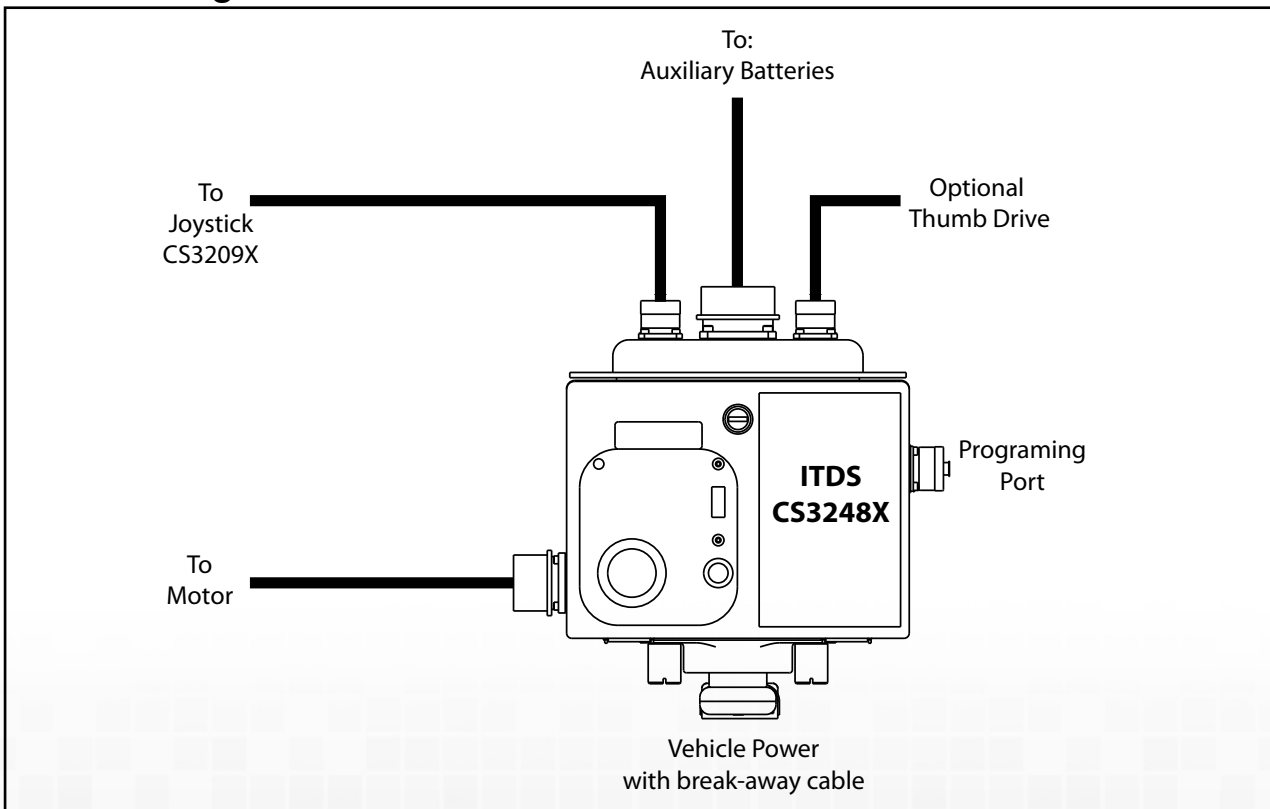
Specifications

Turret Motor Controller Series	Value
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)

Ordering Information

CS Part Number	Color	Compliant with Part Number	NSN Number
CS3248C	Tan	6W728-6459609-200M1	-
CS3248C-1	Tan	19200-13064367	-
CS3248D	Green	6W728-6459609-01M1	-
CS3248D-1	Green	19200-13064367-G	-

CS3248 Diagram



Note: Specifications are subject to change without notice.

