

BL SERIES

PROGRAMMABLE BLDC MOTOR CONTROLLER

For Brushless Permanent Magnet Motor

24 - 48 VDC 100A



DESCRIPTION :

Stars BL-Series Programmable electric BLDC (Brushless) motor controllers are power MOSFET electronic motor speed controllers designed to provide smooth, silent, efficient and cost effective speed, torque and braking control. BL controllers provide many smart and programmable functions. Controllers provide smooth operation during throttle from zero to max. The controller provide real time monitoring functions include battery status, motor stall protection, braking, current, controller status and display it on the status LED.



GENERAL FEATURES:

- >> Compact size and easy install.
- >> Power wire by screw more reliable.
- >> Advance Power MOSFET design.
- >> Forward/Reverse parameters program independent
- >> Status LED
- >> High frequency switching.
- >> Intelligent logic circuit.
- >> Programmable system.
- >> Motor stall protection.
- >> Real time Current control.
- >> High/Low Voltage protetion.
- >> Controller and motor temperature protection.
- >> Brake control
- >> DC contatcor drive circuit
- >> 7 types of throttle

APPLICATIONS :

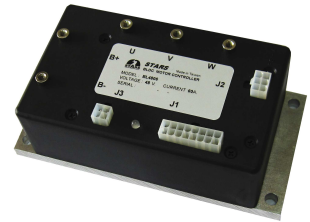
Stars BL-Series motor speed controllers are ideal for a variety of electric vehicle applications, including electric motorcycle, industrial trucks, personal carriers, material handling vehicles, tow tractors, small forklift applications, scrubbers, sweepers, scissors-lift etc.

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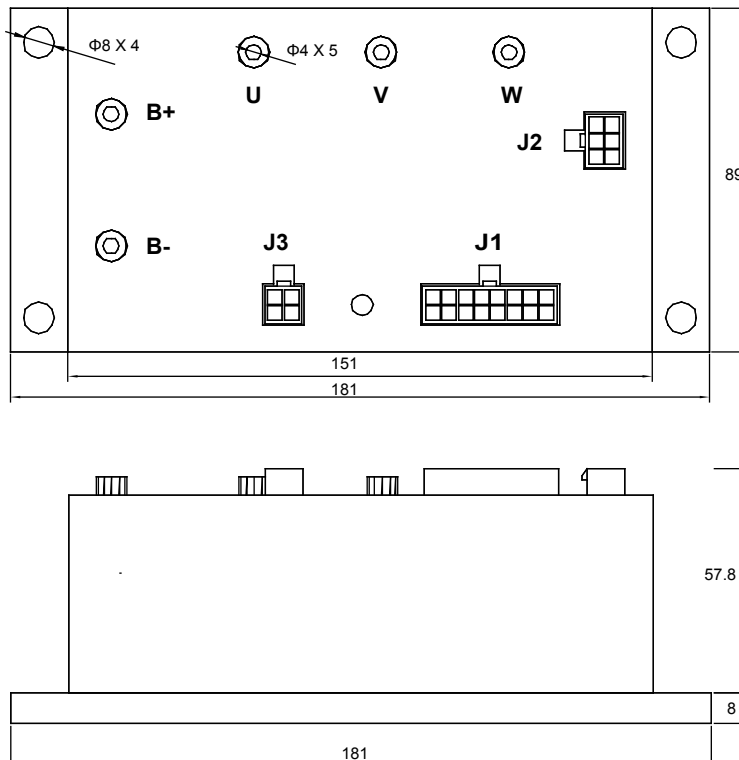


PRODUCT FEATURES:

Model	Voltage	Current	1-min cout. Current (A)	1-hour cout. Current (A)
BL2406	24	100	100	30
BL3606	36	100	100	30
BL4806	48	100	100	30

DIMENSIONS:

BL24100 / BL36100 / BL48100

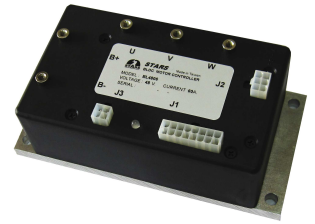


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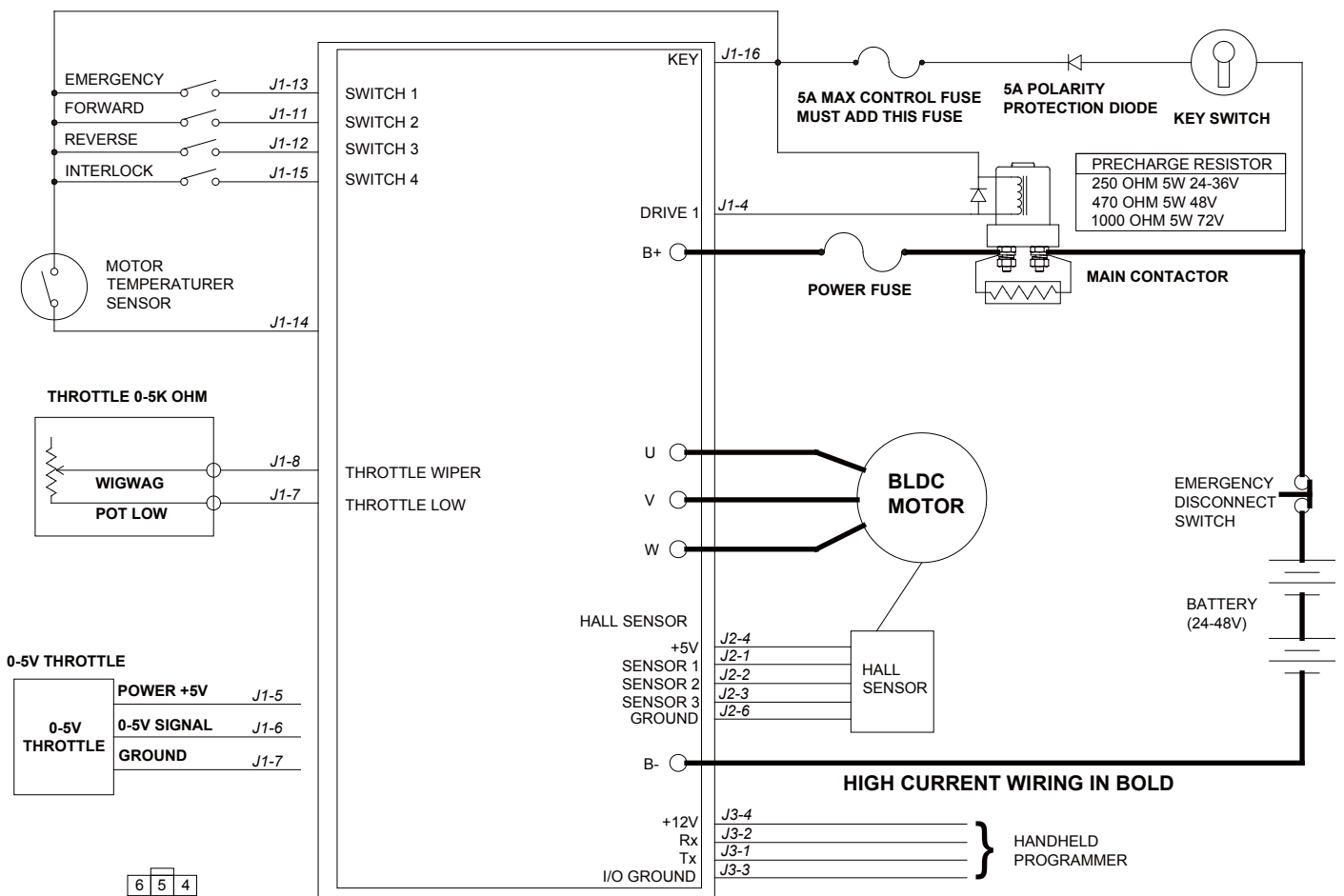
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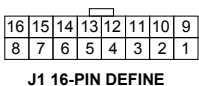
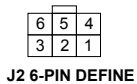


TYPICAL WIRING DIAGRAM:



BL-SERIES BLDC MOTOR CONTROLLER

DATE : 2011/06/30 REV B



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