



Our standard brushless motor drivers are the perfect all-in-one solution for three-phase bldc motor control. They utilize DSP control technology amongst other useful features.

Contact Us for alternative solutions!



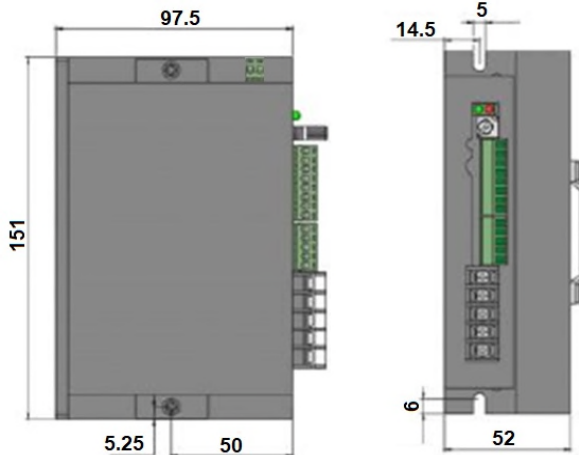
**Electrical Specifications**

|                             |               |                               |                   |
|-----------------------------|---------------|-------------------------------|-------------------|
| <b>Input Voltage Range:</b> | 12 - 50 VDC   | <b>Nominal Input Voltage:</b> | 48 VDC            |
| <b>Max Current Output:</b>  | 25 A          | <b>Motor Speed Control:</b>   | 20,000 rpm (max.) |
| <b>Max Power Output:</b>    | 750 volt-amps | <b>Motor Type:</b>            | 3-Phase BLDC      |

**Additional Specifications**

|                                |                 |                              |                        |
|--------------------------------|-----------------|------------------------------|------------------------|
| <b>External Potentiometer:</b> | 10K $\Omega$    | <b>Peak Current Setting:</b> | 4 - 25A                |
| <b>Motor Types:</b>            | 2 Pole / 4 Pole | <b>Protection:</b>           | Over Voltage / Current |

**Dimensions & Pin Out**



units: mm

| Function Description |   |
|----------------------|---|
| SW1 = ON             | Closed Loop Control                         |
| SW1 = OFF            | Open Loop Control                           |
| SW2 = ON             | (2 Pole Motor) Closed-Loop Effective        |
| SW2 = OFF            | (4 Pole Motor) Closed-Loop Effective        |
| SW3 = ON             |   |
| SW3 = OFF            |   |
| SW4 = ON             | PUL (Pulse Freq. Speed Regulation)          |
| SW4 = OFF            | SV (Analog Signal Voltage/PWM)              |
| ACC/DEC              | Acceleration / Deceleration time adjustment |
| Spd-att              | Speed Tuning Knob                           |
| P-sv                 | Current Setting Pot                         |

