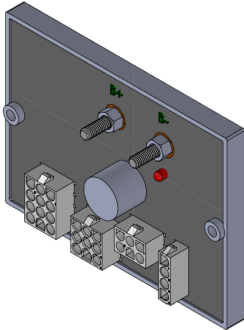


### Product Highlights

- Protection from welded line contactor
- Integrated tilt sensor
- Reduce wiring and simplify setups, adjustments, diagnostics
- Meets EN280: 2014 requirements (i.e. armguard and overload)

The EZlift13x was developed specifically for the Push Around AWP market. It integrates all the I/O and functionality required in a Push Around vehicle in a single package.

Inputs from platform switches (or ground mode emergency switches) control vehicle functions via protected valve & line contactor drivers. Integrated tilt sensor can be configured to limit or prevent selected functions when vehicle is tilted.



### General Features

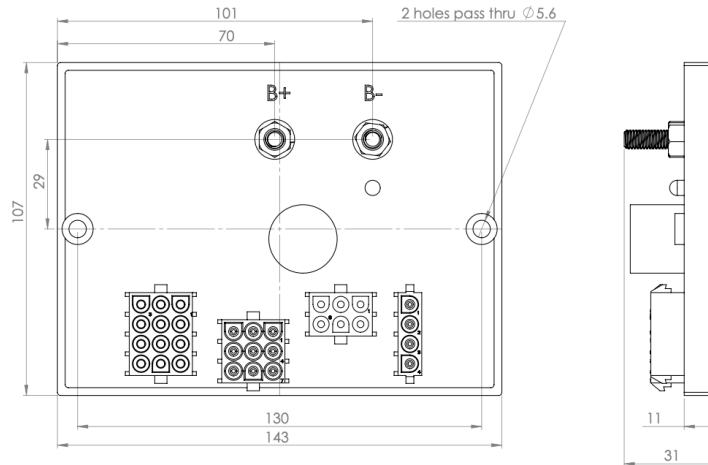
- Provides protected High side PWM outputs
- Provides Low side outputs
- Integrated tilt sensor
- RS232 to connect “EZcal” for calibrations, adjustments, and diagnostics
- “FLASH” memory allows configuration to specific customer needs
- Failsafe functionality to comply with EN 13849-1
- Analog input for overload EN280 compliance

TRIONIC  
vehicle controls

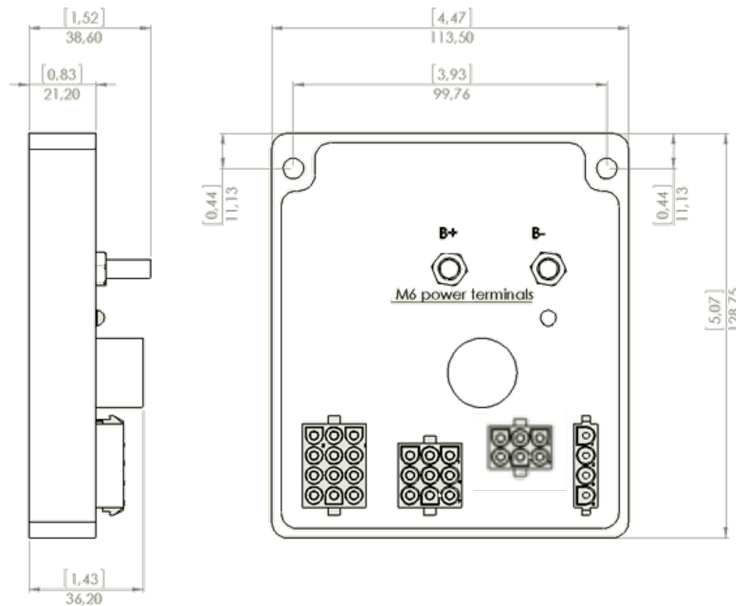
### Technical Data

|                              |   |                    |  |
|------------------------------|---|--------------------|--|
| Power Supply                 | 12                                      | 8.5 to 17 Vdc      |  |
| PWM Output (high side)       | 4                                       | 3A                 | Protected drivers                          |
| Low side Outputs             | 2                                       | 2A                 | Protected drivers                          |
| Positive Digital Inputs      | 10                                      | 1.25KΩ imp.        | Low impedance eliminates moisture problems |
| Analog input                 | 4                                       | 0 to 5V            | Protected from wiring errors               |
| Integral tilt sensor         | +/- 0 to 10°                            | $\sqrt{(x^2+y^2)}$ |  |
| Water Proof                  | IP 67                                   |                    |  |
| Working Temperature          | -20 + 60°C                              |                    |  |
| EZlift130 Overall Dimensions | 4.2" x 5.6" x 1.2"<br>107 x 143 x 30 mm | L x W x H          |  |
| EZlift135 Overall Dimensions | 5.1" x 4.5" x 1.5"<br>129 x 114 x 39 mm | L x W x H          |  |

### EZlift130 Dimensions



### EZlift135 Dimensions



### Mounting Instructions

The EZlift13x control module requires special installation due to its integral tilt sensor. The card must be mounted perpendicular to the ground, with the connectors at the bottom.