













**Table 2 - Electrical Pin Out Chart**

<p><b>I/O CONNECTOR</b>                  12 pin Deutsch P/N: DTM13-12PA                  Pin 1: DIG IN POWER                  Pin 2: DIG IN 1                  Pin 3: STO IN 2                  Pin 4: UNIVERSAL SIGNAL IN 2                  Pin 5: UNIVERSAL SIGNAL IN 3                  Pin 6: +5V REF                  Pin 7: SIGNAL INPUT GND                  Pin 8: SIGNAL INPUT GND                  Pin 9: UNIVERSAL SIGNAL IN 4                  Pin 10: UNIVERSAL SIGNAL IN 1                  Pin 11: DIG IN 2                  Pin 12: STO IN 1</p> <p>Mating Connector KITS are available from Axiomatic.</p> <table border="1"> <tr> <td><b>AX070105</b></td> <td>Mating Plug Kit for 12-pin Connector (J26) (DT06-12SA, W12S, 0462-201-16141, 114017)</td> </tr> </table>		<b>AX070105</b>	Mating Plug Kit for 12-pin Connector (J26) (DT06-12SA, W12S, 0462-201-16141, 114017)	<p><b>Power and Motor Control:</b>                  4 Aluminum power pass through blocks accessible via M8 tapped holes in enclosure. Wire lugs should be attached to these.</p> <p>Refer to Figure 4 for orientation of holes to access Aluminum power pass through blocks.</p> <p>Motor -                  Motor +                  Battery -                  Battery +</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>WARNING: Wiring the motor in upside down (i.e. all connections backwards) will result in the motor running in full forward with NO control from the processor!</b></p> </div>
<b>AX070105</b>	Mating Plug Kit for 12-pin Connector (J26) (DT06-12SA, W12S, 0462-201-16141, 114017)			
<p><b>CAN &amp; RELAY CONNECTOR</b>                  12 pin Deutsch P/N: DTM13-12PB                  Pin 1: CAN_H                  Pin 2: Output 1+                  Pin 3: Output 1 Return                  Pin 4: NC_2                  Pin 5: NO_2                  Pin 6: COM_2                  Pin 7: COM_1                  Pin 8: NO_1                  Pin 9: NC_1                  Pin 10: Output 2 Return                  Pin 11: Output 2+                  Pin 12: CAN_L</p> <p>Mating Connector KITS are available from Axiomatic.</p> <table border="1"> <tr> <td><b>AX070111</b></td> <td>Mating Plug Kit for 12-pin Connector (J25) (DT06-12SB, W12S, 0462-201-16141, 114017)</td> </tr> </table>		<b>AX070111</b>	Mating Plug Kit for 12-pin Connector (J25) (DT06-12SB, W12S, 0462-201-16141, 114017)	
<b>AX070111</b>	Mating Plug Kit for 12-pin Connector (J25) (DT06-12SB, W12S, 0462-201-16141, 114017)			

PRELIMINARY

*Specifications are indicative and subject to change. Actual performance will vary depending on the application and operating conditions. Users should verify themselves that the product is suitable for use in the intended application. All our products carry a limited warranty against defects in material and workmanship. Please refer to our Warranty, Application Approvals, Limitations and Return Materials Process as described on [www.axiomatic.com/service.html](http://www.axiomatic.com/service.html).*

Form: TDAX105000-10/31/18