• **An under or over voltage fault** may occur at start-up in crane packages utilizing the newest CMNXT (aka TMK) travelling inverters.

• If this fault occurs, remove the EMC screw located on the left side of the CMNXT inverter and see if the fault is eliminated.

• The Service Manual also states the following troubleshooting suggestions:

<table>
<thead>
<tr>
<th>Red LED OFF</th>
<th>Blink</th>
<th>ON</th>
<th>Green LED OFF</th>
<th>Blink</th>
<th>ON</th>
<th>Denoting Code Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blink twice</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Fault</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
</table>
| 2    | Power supply under- or over voltage, over voltage at start | • The supply voltage is below 240VAC.  
• The supply voltage is unbalanced.  
• The deceleration time is too short.  
• The supply voltage is over 528 VAC (480V+10%), has over voltage spikes or not sinusoidal wave form. | • Check that the supply voltage is not unbalanced.  
• Check that the supply voltage level is above 380VAC-15%. Use, for example, an autotransformer to boost the voltage.  
• Set a longer deceleration time.  
• Measure the supply voltage level and wave form, use an autotransformer to lower the voltage.  
• Check the braking resistor cable (model 006, not 003).  
• Check the braking resistor type and resistance (internal 120%, external 90%).  
**To reset:** Voltage must increase above the limit OR power off and restart after 1 min. Main voltage must be under 528 VAC |

For additional questions or troubleshooting, please contact R&M Technical Support at 1-800-955-9967 or 937-328-5100, option #6.