

## MODCELL Status LED Troubleshooting Guide

Status LED Condition	Problem	Probable Cause	Action
Red OFF Green OFF	No power	<ol style="list-style-type: none"> <li>1. Power not turned on</li> <li>2. Power not connected at distribution panel (AC source).</li> <li>3. Instrument power supply failed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Turn on power.</li> <li>2. Connect power.</li> <li>3. Return instrument for repair or replacement.</li> </ol>
Red ON Green OFF	Green does not turn on when power is applied	<ol style="list-style-type: none"> <li>1. Termination facility on front of Eurocard instrument, not properly engaged.</li> <li>2. Identity module not present.</li> <li>3. Select module failure, processor failure or memory failure.</li> <li>4. Green LED failed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Tighten housing screw.</li> <li>2. Install identity module.</li> <li>3. Return instrument for repair or replacement.</li> <li>4. Return instrument for repair or replacement.</li> </ol>
Red OFF Green ON	<p>None; normal condition after power-up</p> <p>Instrument does not run data base</p>	<ol style="list-style-type: none"> <li>1. A valid data base was previously loaded. Instrument is initializing and checking other parameters.</li> <li>2. A data base has been successfully downloaded.</li> </ol> <p>Problem with red LED.</p>	<ol style="list-style-type: none"> <li>1. None, wait for instrument to enter next state.</li> <li>2. None</li> </ol> <p>Change RUN/SERVICE switch setting to SERVICE. If no change in LED status, tighten housing screw, and return switch to RUN. If red LED remains off and instrument does not run data base, return instrument for repair or replacement.</p>

<p><b>Red ON</b> <b>Green ON</b></p>	<p>Instrument without a memory module is in DEFAULT state after power-up</p> <p>After power-up instrument does not accept download from memory module</p> <p>After power-up instrument is in UPLOAD state</p> <p>Instrument operating normally in RUN state, changes to HOLD state.</p> <p>Instrument in HOLD state</p> <p>All checking is complete and Instrument is in LOCAL HOLD state</p>	<ol style="list-style-type: none"> <li>1. No valid main data base.</li> <li>2. Instrument experienced shutdown fault on previous power-up.</li> </ol> <p>Bad memory module database.</p> <p>Memory module switch is set at LOAD; main database has been successfully copied to memory module.</p> <p>Operator initiated command.</p> <p>I/O mismatch reported or previously reported and is unacknowledged.</p> <p>RUN /SERVICE switch is set at SERVICE or switch failure.</p>	<ol style="list-style-type: none"> <li>1. None - Normal out-of-box condition.</li> <li>2. Read shutdown information and acknowledge from status page.</li> </ol> <p>Read diagnostics from status page to check validity of memory module database</p> <p>Change memory module switch setting to NORMAL.</p> <p>Use status page or host system to advance to next state.</p> <p>Send run/warmstart command to instrument (If1,NXTISTAT), then turn off power and turn it on again.</p> <p>Change switch setting to RUN if appropriate or test switch.</p>
<p><b>Red flashing</b> <b>Green ON</b></p>	<p>After power-up, memory module upload failure.</p>	<ol style="list-style-type: none"> <li>1. Memory module write protected.</li> <li>2. Bad main data base; checksum error.</li> <li>3. Bad memory module.</li> </ol>	<ol style="list-style-type: none"> <li>1. Change memory module switch setting to READ/WRITE.</li> <li>2. Read diagnostic information and revise configuration.</li> <li>3. Replace memory module.</li> </ol>