

qpaCtrl

Fault	Bit	
Therm	1	<p>One or more Insulated Gate Bipolar Transistor (IGBT) was over temperature.</p> <p>Response:</p> <ol style="list-style-type: none">1. Discard this error if the Permit Link is not up.2. Discard this error, if the error disappeared on the next read. We observed that sometimes the node card reports incorrect status. If the error reporting frequency is more than once a day, then <p>Follow Link to Collider Electrical PS Group call in list or Link to Quench Detection Group list</p>
Crow	2	<p>The over voltage clamping IGBT was activated.</p> <p>Response:</p> <ol style="list-style-type: none">1. Discard this error if the Permit Link is not up.2. Discard this error, if the error disappeared on the next read. We observed that sometimes the node card reports incorrect status. If the error reporting frequency is more than once a day, then <p>Follow Link to Collider Electrical PS Group call in list or Link to Quench Detection Group list</p>
Fuse	3	<p>The fuse that protects the IGBT was blown. There might be more than one fuse in some units.</p> <p>Response:</p> <ol style="list-style-type: none">1. Discard this error if the Permit Link is not up.2. Discard this error, if the error disappeared on the next read. We observed that sometimes the node card reports incorrect status. If the error reporting frequency is more than once a day, then <p>Follow Link to Collider Electrical PS Group call in list or Link to Quench Detection Group list</p>
OVC	4	<p>The current flowed through the IGBT was over the safe limit.</p> <p>Response:</p> <ol style="list-style-type: none">1. Discard this error if the Permit Link is not up.2. Discard this error, if the error disappeared on the next read. We observed that sometimes the node card reports incorrect status. If the error reporting frequency is more than once a day, then <p>Follow Link to Collider Electrical PS Group call in list or Link to Quench Detection Group list</p>
Fan	5	<p>Airflow out of the unit was restricted.</p> <p>Response:</p> <p>If the error happened when trying to bring the LINK up, then</p> <p>Follow Link to Collider Electrical PS Group call in list</p> <p>Otherwise,</p> <ol style="list-style-type: none">1. Discard this error if the Permit Link is not up.2. Discard this error, if the error disappeared on the next read. We observed that sometimes the node card reports incorrect status. If the error reporting frequency is more than once a day, then <p>Follow Link to Collider Electrical PS Group call in list or Link to Quench Detection Group list</p>

Comm Fail	6	
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Note: Bits 6 is generated by SW.

[Link to Collider Electrical PS Group call in list](#)

[Link to Quench Detection Group list](#)