

TECHNICAL DATA SHEET - THD ALARM

Sub.net includes an option to signal when the average voltage THD value exceeds a preset value. This may be used to warn control systems that the monitored supply falls outside grid compliance levels. Every interval the average voltage THD measurement for the previous interval is compared with the limit value and if it is exceeded status relay #3 is switched on. If the THD falls below the limit on a subsequent interval then this relay will be switched off again. The intervals are synchronised to sub.net's real time clock. If the magnitude of the measured voltage falls below 5% of the full scale deflection (FSD) then this function is disabled.

The THD alarm function is set and enabled by selecting **Configuration** then **Operating limits**.

The THD limit value is entered in the text box and the THD alarm is enabled using the drop down box. The **Submit** button at the bottom of the page must then be selected to send the updated parameters to sub.net.

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