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Voltage Asymmetry calculation - MFR300 - MFR13

Simon - 2025-09-04 - MFR300

MFR13

- The MFR13 calculates the asymmetry as the maximum deviation of each delta voltage from the average.
- In Principle, it's the ANSI standard, but
 - $\circ~$ ANSI: monitor MAX / Average in [%]
 - $\circ \ \ MFR13: monitor \ MAX-Average \ in \ [V]$

MFR300

The MFR300 calculates the asymmetry from the negative sequence in relation to the nominal voltage

The formula of the negative sequence is:



The monitoring would be for $\left|G\right|$ / $nominal\ voltage$