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Voltage Asymmetry calculation - MFR300 - MFR13

Simon - 2021-12-15 - [MFR300](#)

- MFR13
 - The MFR13 calculates the asymmetry as the maximum deviation of each delta voltage from the average.
 - In Principle it is the ANSI standard, but
 - ANSI: monitor MAX / Average in [%]
 - 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 $|G|$ / **nominal voltage**