



## Operation Accuracy of under-and overvoltage protection functions in REF 541 / 543 / 545 Feeder Protection Terminals and REX 521 Feeder Protection Relay

This statement is written to clarify the measurement accuracies as stated in the Technical Reference Manual, Standard Configurations (1MRS 751802-MUM) and Functional Block Descriptions: OV3\_ (1MRS752322-MUM) and UV3\_ 1MRS752333-MUM) regarding the 3-phase under- and overvoltage protection in REX 521 and REF 54x feeder terminals.

### OPERATION ACCURACIES

The operation accuracy is  $\pm 2.5$  % of the set value when Phase-to-Earth voltages are connected to the terminal and Phase-to-Phase values are internally derived from these values in the terminal. (operation Mode 3)

The operation accuracy is  $\pm 1$  % of the set value when Phase-to-Phase voltages are connected directly to the terminal. (operation Mode 1 or 2)

The above values apply when within the frequency range  $f/f_n = 0.95...1.05$

### FURTHER INFORMATION

For further information please refer to the REX 521 Technical Reference Manual, Standard Configurations (1MRS 751802-MUM) and Functional Block Descriptions: OV3\_ (1MRS752322-MUM) and UV3\_ 1MRS752333-MUM) and/or contact your local ABB representative.

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