

505E Debug Mode Adjustment for Locations with Highly Variable Grid Frequency

General

This applies specifically to 505E P/N: 9907-165, application software P/N: 5413-677.

When applied in locations with highly variable grid frequency, it is desirable to disable a protective function in the 505E that limits the HP actuator in an over-frequency condition. This prevents power limitations when the utility frequency is high.

Instructions

To enter the DEBUG mode:

- Press the "PRGM" Button. The text, "Password CONFIGURE", will appear.
- Press the Right Arrow (>) key until the text, "Push ENTER for DEBUG", appears.
- Press the "ENTER" Button, enter the DEBUG password "1112", and press the "ENTER" Button.

Navigation in the DEBUG mode:

- Use the Right or Left Arrow keys (> or <) to navigate to the correct Category.
- Then use the Up or Down Arrow keys to navigate to the correct Block.
- The Right or Left Arrow keys (> or <) are used to see multiple fields in the block.
- Press the "CLEAR" Button to get back to the Category selection.

Saving changes and exiting the DEBUG mode:

- Press the "PRGM" Button again to save changes and exit the DEBUG mode.

Procedure

Enter the DEBUG MODE.

Navigate to:

CATEGORY: OSPD
BLOCK: OSPD_LMTR
FIELD: .IN_2

Change this value to 2960 with the "Adjust Key".

NOTE: Initial value is *2625.

Save Changes and exit DEBUG mode.



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