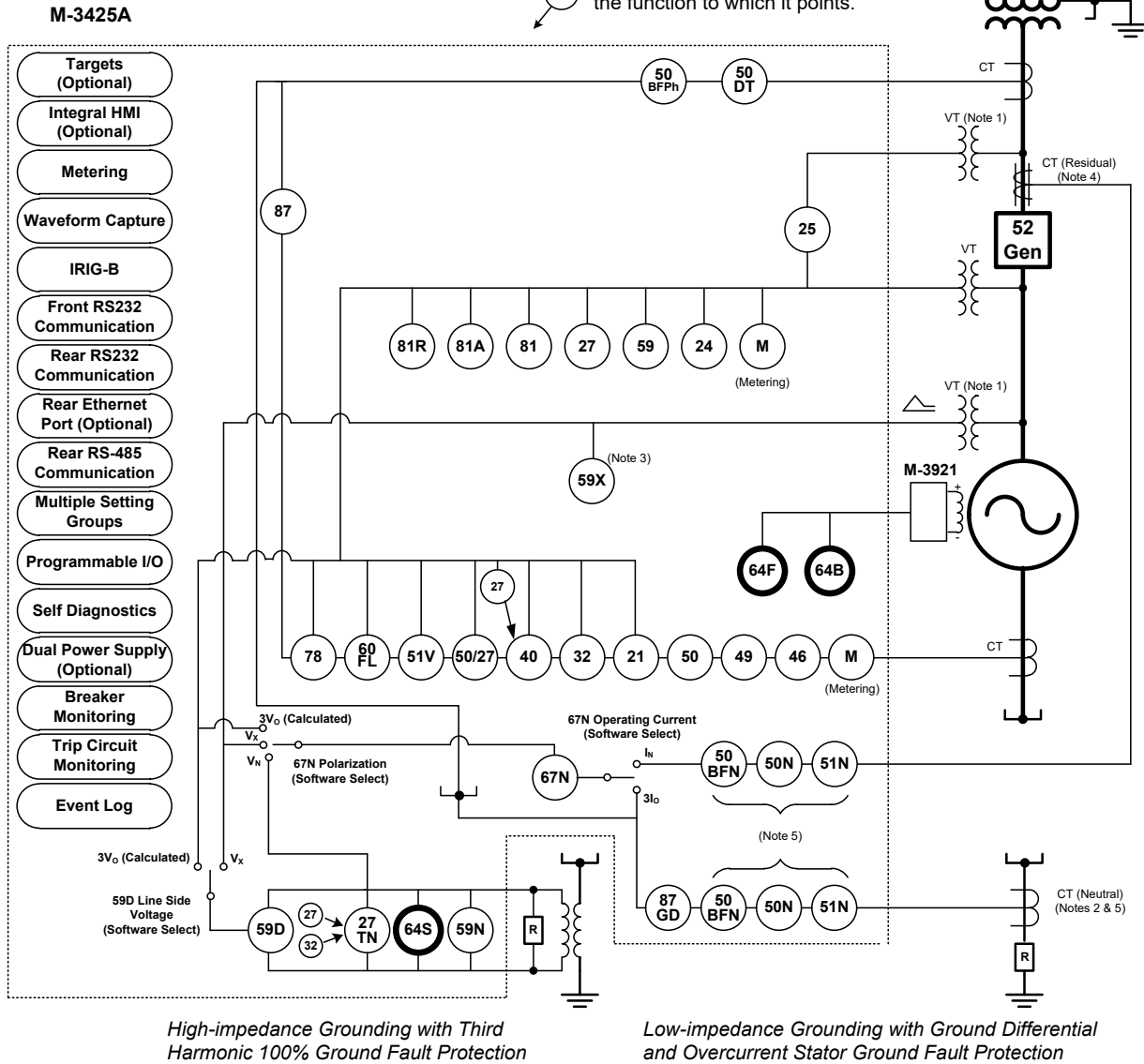


M-3425A Typical Connection Diagram

- These functions are available in the Comprehensive Package. A subset of these functions are also available in a Base Package.
- ◉ This function is available as an optional protective function.
- ⦿ This function provides control for the function to which it points.






■ NOTES:

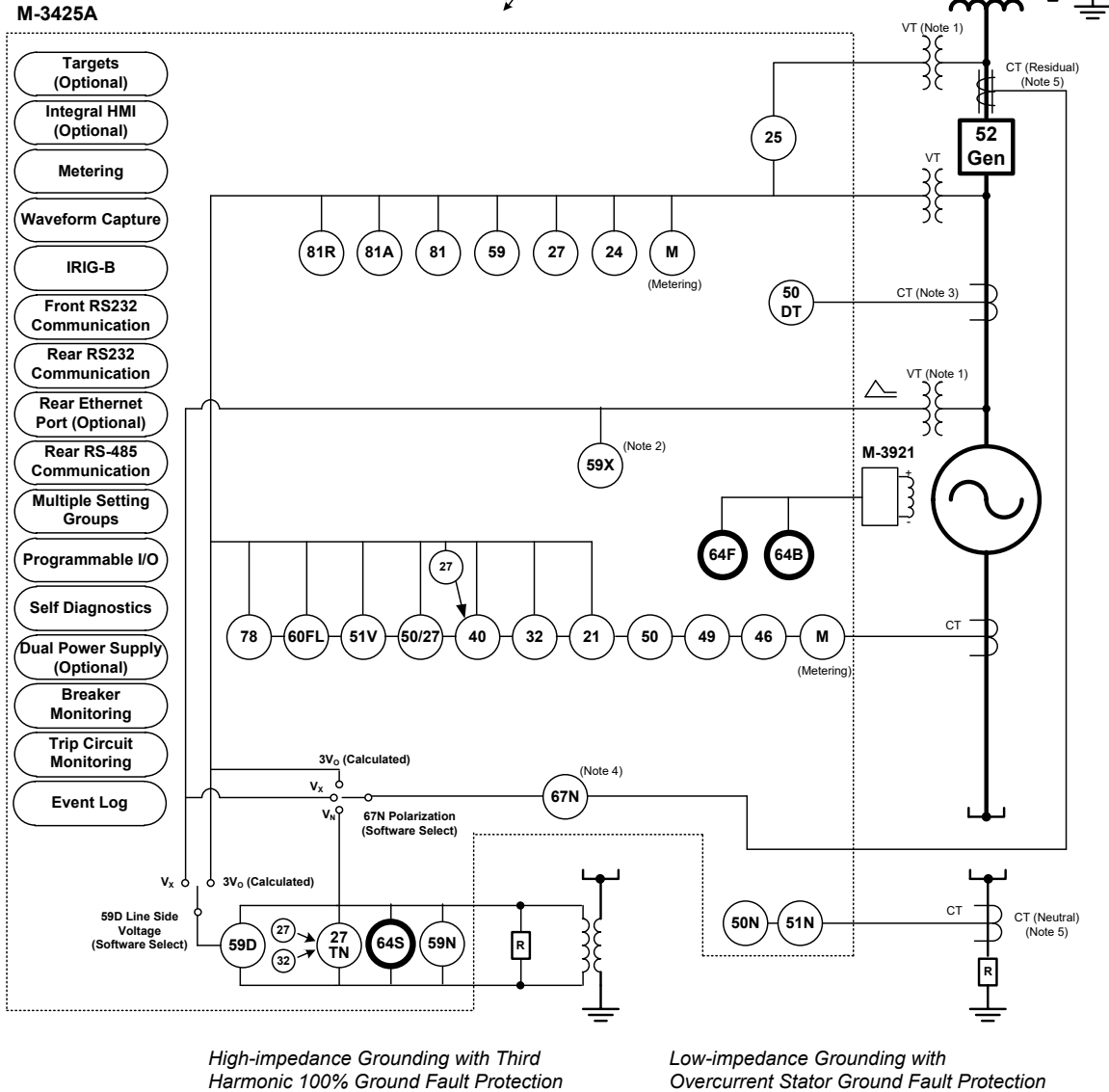
1. When 25 function is enabled, 59X, 59D with V_x and 67N with V_x are not available, and vice versa.
2. When 67N function with I_N (Residual) operating current is enabled, 87GD is not available, and vice versa.
3. When VT source is used as a turn-to-turn fault protection device (See M-3425A Instruction Book, Chapter 4, System Setup and Setpoints, for additional 59X applications.)
4. The current input I_N can be connected either from neutral current or residual current.
5. The 50BFN, 50N, 51N, 59D, 67N (with I_N or V_N) and 87GD functions are unavailable when the 64S function has been purchased. See the M-3425A Instruction Book for connection details.

One-Line Functional Diagram (Configured with Phase Differential)

M-3425A Generator Protection Relay

M-3425A Typical Connection Diagram (Configured for Split-Phase Differential)

-  These functions are available in the Comprehensive Package. A subset of these functions are also available in a Base Package.
-  This function is available as an optional protective function.
-  This function provides control for the function to which it points.



NOTES:

1. When 25 function is enabled, 59X, 59D with V_X and 67N with V_X are not available, and vice versa.
2. When used as a turn-turn fault protection device.
3. CTs are connected for split-phase differential current.
4. 67N operating current can only be selected to I_N (Residual) for this configuration.
5. The current input (I_N) can be connected either from neutral current or residual current.
6. The 50BFN, 50N, 51N, 59D, 67N (with I_N or V_N) and 87GD functions are unavailable when the 64S function has been purchased. See the M-3425A Instruction Book for connection details.

One-Line Functional Diagram (configured for split-phase differential)