SE-701 GROUND-FAULT MONITOR GUIDEFORM SPECIFICATION

Ground-fault protection shall be provided by a Littelfuse SE-701 Ground-Fault Monitor. The microprocessor-based ground-fault monitor features are:

IEEE Device Numbers:

- 50/51G, 50/51N

Inputs:

- Current transformer (CT) – 1-A and 5-A-secondary, and sensitive (EFCT series)
- Remote reset

Outputs:

- Contacts:
  - Isolated N.O. and N.C.
  - 8 A Resistive, 250 Vac/30 Vdc
- 0 to 5 Vdc analog

Indication:

- Green power-on LED
- Red trip LED
- Yellow trip-inhibit LED

Settings:

- Trip levels: 1 to 99% of CT rating
- Trip time: 50 ms to 2.5 s

Other:

- Fail-safe and non-fail-safe relay operating mode
- Selectable high-current trip inhibit
- CT verification with EFCT series
- Fixed-frequency and variable-frequency applications
  - Selectable harmonic filtering or peak detection
- Selectable autoreset operation
- Single-shot reset
- Test push-button

Mounting Options:

- Surface
- DIN-rail
- Optional panel

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