# General Electric 750-P5-G5-S5-HI-A1-R-E

Complete Product Information | decision matrix

GE Multilin 750-P5-G5-S5-HI-A1-R-E is an enhanced-display 750 feeder management relay with 5 A phase, zero-sequence and sensitive-ground inputs and eight 0-1 mA analog outputs.

## 02 Configuration and interface matrix

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|---|---|
| Relay family | 750 feeder management |
| Phase CT inputs | P5: 5 A |
| Zero-sequence CT input | G5: 5 A |
| Sensitive-ground CT input | S5: 5 A |
| Control supply | HI: 88-300 V DC or 70-265 V AC, 48-62 Hz |
| Analog outputs | A1: eight 0-1 mA outputs |
| Breaker-closed indicator | R: red LED |
| Front display | E: enhanced LCD |
| Protection role | Feeder protection and monitoring |
| Setup software | EnerVista 750/760 Setup; version matched to firmware |
| Firmware check | Read actual revision before importing settings |

## 03 Application roles and compatibility

### Phase-current protection

Apply the three 5 A phase inputs to the feeder CT set, then commission pickup, delay and restraint settings against the protection study.

### Ground-fault supervision

Use the separate 5 A zero-sequence and sensitive-ground inputs only with the corresponding CT circuits and approved grounding scheme.

### Analog plant reporting

Map the eight 0-1 mA channels to meters, recorders or control inputs with documented engineering units and receiver ranges. Use the 0-1 mA output scaling expected by the installed recorder or RTU; a 4-20 mA receiver is not an equivalent load.

### Local operating review

Use the enhanced LCD and breaker-closed indicator for on-site status review, while proving the breaker indication against the actual auxiliary contact wiring.

## Practical compatibility boundary

The order-code options are verified for this complete relay. Protection setpoints, fitted firmware and wiring must be taken from the installed relay record; the 760 autoreclose function is a separate product family.

## 04 Product precautions

### Control CT secondaries

Follow the site CT isolation and shorting procedure before opening current circuits. Confirm phase, zero-sequence and sensitive-ground inputs are landed on the intended terminals.

### Match the auxiliary supply

Verify the available control voltage and frequency fall inside the HI option range before energizing the relay; do not infer the supply from another 750 relay in the cubicle.

### Save the setting record

Export settings and record firmware, CT ratios, breaker logic, protection elements and event settings before replacement. Review differences before importing an archived file.

### Prove analog scaling

Test every assigned 0-1 mA output at meaningful low, mid and high indications, checking receiver scaling, polarity and channel mapping.

## 05 Offered unit and lifecycle

Condition: New, original product. Confirm the relay unit, terminal blocks, firmware revision and any supplied accessories in the quotation; CTs, wiring and the feeder circuit are separate.

### Lifecycle status

Complete-model phase: A current manufacturing and support phase for GE Multilin 750-P5-G5-S5-HI-A1-R-E has not been established for this complete order code. Installed-system review: Obtain current support and replacement guidance using the full relay marking, firmware revision, feeder settings and fitted terminals. A related 750 or 760 unit is not automatically an interchangeable replacement. Supply boundary: Apter Power availability and offered condition are confirmed independently of the manufacturer's lifecycle phase.

Discuss the fitted revision.
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Source: GE Multilin 750/760 Firmware 6.00 Release Details, GER-4012; 750/760 Feeder Management Relay brochure

### Other General Electric references

General Electric 750-P5-G5-S5-HI-A20-R-E

General Electric 369-HI-R-0-0-0-0-E

General Electric IC754VGI06STD

Catalog navigation only; verify each model separately.