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

Complete Product Information | decision matrix

GE Multilin 750-P5-G5-S5-HI-A20-R-E is an enhanced-display 750 feeder management relay with 5 A phase, zero-sequence and sensitive-ground inputs and eight 4-20 mA analog outputs.

02 Configuration and interface matrix

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	A20: eight 4-20 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 4-20 mA channels to meters, recorders or control inputs with documented engineering units and receiver ranges. Use the 4-20 mA scaling expected by the installed analog receiving system, and verify the low-current end of each loop.

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 4-20 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-A20-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-A1-R-E

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

General Electric IC754VGI06STD

Catalog navigation only; verify each model separately.