GE SR760 760-P1-G1-S1-HI-A20-R

Feeder Management Relay

GE Multilin SR760 760-P1-G1-S1-HI-A20-R is a feeder-management relay with autoreclose, 1 A phase, ground and sensitive-ground current inputs, high-range control power and eight 4–20 mA analog outputs.

Job objective

Replace, install or verify the exact module without changing unrelated wiring, configuration, dimensions, weight or other stored product data.

Safe-work boundary

Identify Match the complete model and every suffix or secondary code.	**Isolate** Apply the plant-approved electrical and process isolation procedure.
Preserve Back up configuration and photograph all connections.	**Control** Use ESD protection and revision-controlled documentation.

Required evidence before work

Nameplate photo; slot/rack record; connector map; project backup where applicable; fault history; approved acceptance procedure.

Model-specific release focus

- SR760 feeder protection with autoreclose
- P1, G1 and S1 one-ampere current-input options
- HI wide-range ac/dc control power
- Eight A20 4–20 mA analog outputs

Readiness checklist

Exact identity	GE SR760 760-P1-G1-S1-HI-A20-R matches the work order and physical unit
System position	Rack, slot and functional assignment are recorded
Configuration	Parameters, firmware or project data are backed up when applicable
Connections	Every cable, terminal, jumper and shield is labeled
Condition	Connector, board and packaging condition are inspected
Test plan	Expected states and acceptance evidence are agreed

Interface preparation

Phase CT inputs	P1 one-ampere secondary circuits
Ground inputs	G1 zero-sequence and S1 sensitive-ground one-ampere circuits
Auxiliary power	HI ac/dc supply range
Analog outputs	Eight isolated 4–20 mA channels selected by A20

Interface evidence for acceptance

- Phase CT inputs: P1 one-ampere secondary circuits
- Ground inputs: G1 zero-sequence and S1 sensitive-ground one-ampere circuits
- Auxiliary power: HI ac/dc supply range
- Analog outputs: Eight isolated 4–20 mA channels selected by A20

03 / INSTALLATION SEQUENCE

Controlled replacement workflow

1	Confirm isolation and absence of hazardous energy
2	Compare old and replacement identities and revisions
3	Photograph and label all connections
4	Remove the existing module using ESD-safe handling
5	Inspect slot, connector, grounding and cooling path
6	Install the exact replacement without forcing connectors
7	Restore cables, jumpers and settings from the controlled record
8	Perform a final visual and continuity check before energization

STOP POINT

Do not energize if the model, slot, connector orientation, grounding, jumper state or documented system assignment is unresolved.

Configuration-control record

- DC control power: HI: 88 to 300 V dc
- AC control power: HI: 70 to 265 V ac, 48 to 62 Hz
- Analog-output option: A20: eight 4 to 20 mA outputs
- Breaker-closed indicator: R: red LED

Staged return to service

Stage	Action	Acceptance
Stage 1	Visual inspection and isolation release	Expected controlled result
Stage 2	Apply control power under observation	Expected controlled result
Stage 3	Confirm module recognition or status	Expected controlled result
Stage 4	Verify communication and affected signal paths	Expected controlled result
Stage 5	Exercise the documented function	Expected controlled result
Stage 6	Archive measured results and as-left configuration	Expected controlled result

Product-specific acceptance focus

1

Maintain CT polarity and phase order when reconnecting P1, G1 and S1 inputs.

2

Scale each A20 channel for 4–20 mA operation at the receiving system before loop testing.

3

Block breaker operation during secondary-injection and output-relay tests unless the approved plan requires movement.

4

Complete protection, trip, reclose, metering, LED and analog-output tests before service release.

Commissioning decision points

- Maintain CT polarity and phase order when reconnecting P1, G1 and S1 inputs.
- Scale each A20 channel for 4–20 mA operation at the receiving system before loop testing.
- Block breaker operation during secondary-injection and output-relay tests unless the approved plan requires movement.
- Complete protection, trip, reclose, metering, LED and analog-output tests before service release.

Fault isolation and final record

1	Unexpected state: stop and capture evidence
2	Recheck identity, power, slot and connectors
3	Compare configuration and revision records
4	Test surrounding system before condemning the module
5	Restore a safe state and document the outcome

Apter Power handover record

Model identity	Keep the complete GE model code and every suffix in purchasing, installation and acceptance records.
Verification boundary	Confirm the physical nameplate, installed position and revision-controlled project documents before field work.
Apter Power support	Use the contact details and Apter Power website links in this document for product and sourcing support.

Related Apter Power references	Scope note
GE IC698ETM001	Portfolio reference only; verify compatibility independently.
GE IS200VRTDH1DAC	Portfolio reference only; verify compatibility independently.
GE product catalog	Portfolio reference only; verify compatibility independently.

Commissioning support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com

Handover evidence to retain

- Exact identity retained: GE SR760 760-P1-G1-S1-HI-A20-R
- SR760 measurement and protection elements
- Trip / reclose control logic
- Archive as-left checks and measured results before release.