

UR8FH

UR Relay CT/VT DSP Module

GE UR8FH is a CT/VT DSP module option for the Universal Relay family. GE Vernova GER-4964 identifies option 8F as an end-of-manufacturing CT/VT DSP option, so the complete relay order code and installed firmware must be retained during service.

BRAND	GE	MODEL	UR8FH
PRODUCT	UR Relay CT/VT DSP Module	FAMILY	GE Vernova Universal Relay
OFFICIAL SOURCE	GE Vernova CT/VT DSP Option 8F for UR Relays End-of-Manufacturing Notice	RECORD	GER-4964, option 8F lifecycle notice

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

GE UR8FH is a CT/VT DSP module option for the Universal Relay family. GE Vernova GER-4964 identifies option 8F as an end-of-manufacturing CT/VT DSP option, so the complete relay order code and installed firmware must be retained during service.

FUNCTION 1

Processes CT and VT signals for a compatible UR relay

FUNCTION 2

Uses the documented 8F hardware option

FUNCTION 3

Requires exact relay-order-code and firmware matching

FUNCTION 4

Supports protection and metering functions configured in the host relay

APPLICATION	ENGINEERING CONTEXT
Protection relay inputs	Provides CT/VT signal processing for the compatible UR protection relay.
Metering functions	Supplies scaled current and voltage quantities to configured relay metering.
Legacy relay maintenance	Replaces an identical module after complete order-code and firmware checks.
Lifecycle planning	Supports transition planning under the GE Vernova 8F end-of-manufacturing notice.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Product family	GE Vernova Universal Relay
Module function	CT/VT DSP input processing
Short order-code option	8F
Complete service identity	UR8FH
Installation scope	Use only in the compatible UR relay and documented slot
Configuration control	Relay order code, firmware and CT/VT settings must be recorded
Lifecycle	Option 8F end-of-manufacturing notice GER-4964
Commissioning basis	Secondary injection and protection-element verification

Acceptance Path

1 IDENTITY

The complete UR8FH marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete UR8FH marking and host relay order code.	What is GE UR8FH?	It is a CT/VT DSP module option used in a compatible GE Vernova Universal Relay.
2	Review GER-4964 before planning a replacement or redesign.		
3	Isolate CT and VT secondary circuits using approved protection procedures.	Which short order-code option corresponds to GE UR8FH?	The GE Vernova lifecycle notice identifies CT/VT DSP option 8F.
4	Never leave an energized CT secondary open-circuited.	What lifecycle document applies to GE UR8FH?	GER-4964 is the GE Vernova end-of-manufacturing notice for CT/VT DSP option 8F.
5	Back up relay settings, calibration and firmware records before removal.		
6	Install the module only in the documented UR relay slot.	Why must the host relay order code be checked for GE UR8FH?	UR modules are selected by relay slot, hardware option and firmware compatibility, not by the loose module label alone.
7	Restore CT ratios, VT ratios, polarity and protection-element settings exactly.		
8	Complete secondary-injection, metering and trip-path tests before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC693ALG391	View General Electric IC693ALG391
General Electric IC693ALG391G	View General Electric IC693ALG391G
General Electric IC693CMM321-KM	View General Electric IC693CMM321-KM
General Electric IC693MDL742	View General Electric IC693MDL742
General Electric IC694ALG221A	View General Electric IC694ALG221A
General Electric IC694MDL645A	View General Electric IC694MDL645A

FAQ, Related Products and Sources

QUESTION	ANSWER
What settings must be saved before replacing GE UR8FH?	Save CT/VT ratios, polarity, calibration, protection elements, metering and firmware records.
What safety rule applies to CT circuits on GE UR8FH?	Use approved CT-secondary isolation and never open-circuit an energized CT secondary.
What confirms successful commissioning of GE UR8FH?	Passed secondary-injection, metering, protection-element and trip-path tests confirm release.

MANUFACTURER SOURCE RECORDS

GE Vernova CT/VT DSP Option 8F for UR Relays End-of-Manufacturing Notice - GER-4964, option 8F lifecycle notice
GE Vernova CT/VT DSP Option 8F for UR Relays End-of-Manufacturing Notice - GER-4964, option 8F lifecycle notice

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC694MDL645D	View General Electric IC694MDL645D
General Electric IC694PWR321	View General Electric IC694PWR321
General Electric IC695NIU001-ADAD	View General Electric IC695NIU001-ADAD
General Electric HE693ADC415	View General Electric HE693ADC415
General Electric HE693SNP900	View General Electric HE693SNP900
General Electric HE693THM884G	View General Electric HE693THM884G
General Electric IC693ACC302B	View General Electric IC693ACC302B
General Electric IC693ALG223	View General Electric IC693ALG223

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