

*Renewal Parts*

Type PVD21 Differential Voltage Relays

Ordering Instructions

1. **Always specify the complete nameplate data of the relay.**
2. Specify the quantity, catalog number (if listed), reference number (if listed), description, and this bulletin number.
3. Standard hardware, such as screws, bolts, nuts, washers, etc., is not listed in this bulletin. Such items should be purchased locally.
4. For prices, refer to the nearest office of the General Electric Company.
5. **The upper or lower terminal block will be supplied with contact fingers in all positions and loose shorting bars. These parts are to be used as required.**

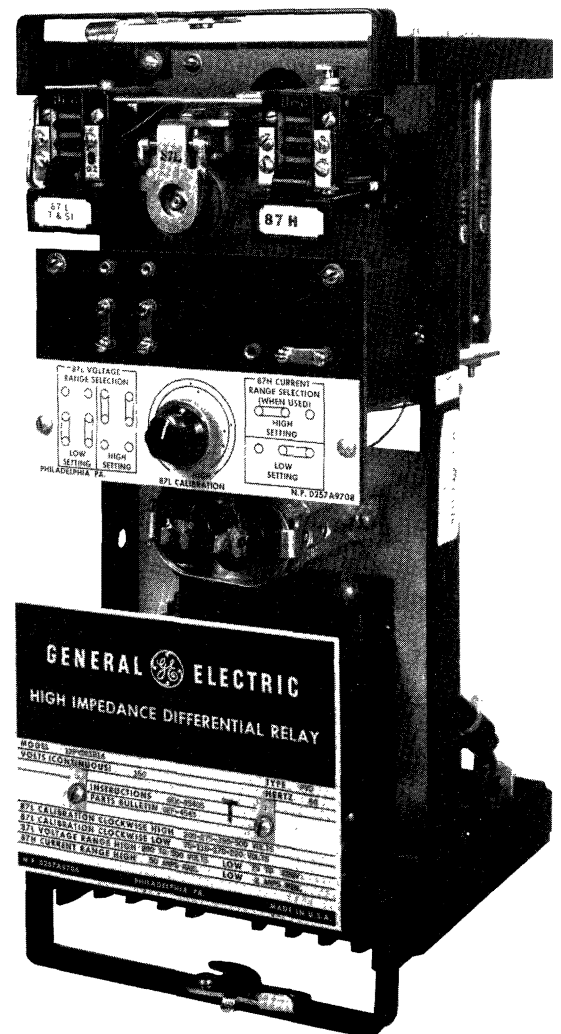
How to Use this Bulletin

1. Relay models covered by this bulletin are listed in the left-hand column of the tabulation beginning on page 3.
2. To find the catalog number of a renewal part:
 - A. Referring to the illustrations on pages 1 and 2, find the reference letter for the required part.
 - B. Locate the reference letter and/or description of the part in the column headings at the top of the tabulation.
 - C. Note the numeral at the intersection of the reference letter column and the model number line. This numeral, when added to the reference letter, provides the key to the catalog number of the part, which is listed in the table on the page indicated.

Example:

To find the catalog number of the Seal-In Unit for the Model 12PVD21A1A relay:

- A. Figure 2 on page 2 indicates that the reference letter for the Seal-in Unit is "A".
- B. Locate reference letter "A" in the column headings on page 3.
- C. At intersection of the "A" column and Model 12PVD-21A1A line find the numeral 1. The complete reference symbol is therefore, "A-1". Referring to page 4 in the catalog, the number is found to be 721-6293203G476 (one required per relay).

**Fig. 1. Type PVD21 relay**

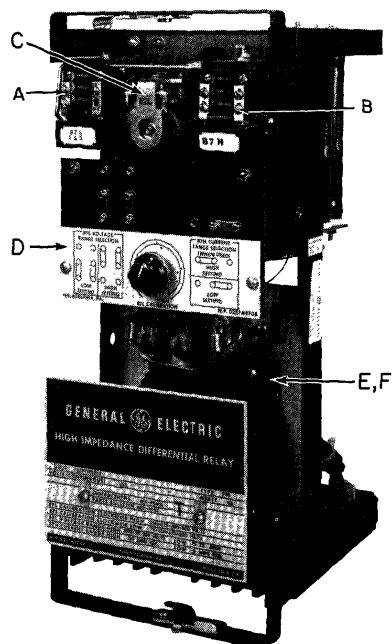


Fig. 2. Type PVD21 relay, removed from case
(front view)

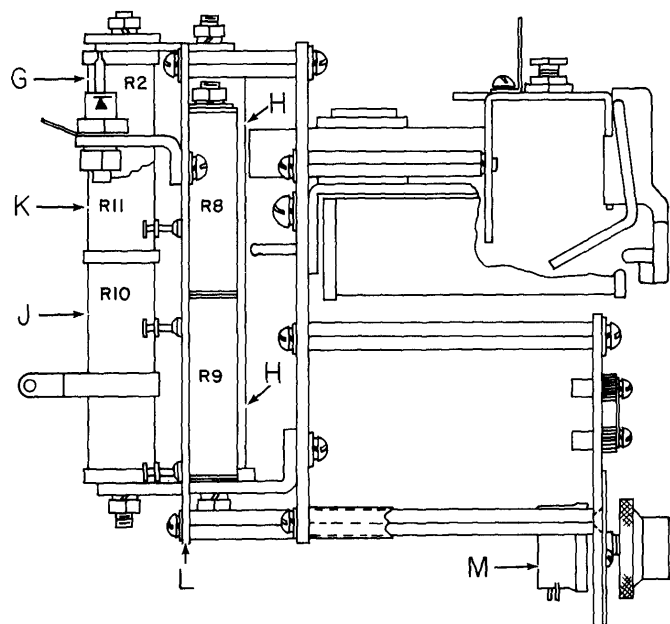


Fig. 3. Type PVD21 relay
(side view)

† Not shown.

Consists of reactor and capacitors which must be tested and adjusted as a unit (components not furnished separately)

GEF-4543, TYPE PVD 21 RELAYS

Ref. Symbol	Fig. No.	Catalog Number	No. Per Relay
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TABLE A
SEAL-IN UNIT

A-1	1	721-6293203G476	1
A-2	1	721-6293203G477	1

TABLE B
INSTANTANEOUS OVERCURRENT UNIT (87H)

B-1	1	721-6293204G153	1
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TABLE C
TELEPHONE RELAY

C-1	2	721-6418025G269	1
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TABLE D
CALIBRATION NAMEPLATE

D-1	2	721-257A9708	1
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TABLE E
TUNED CIRCUIT ASSEMBLY

E-1	2	721-183B8024G1	1
E-2	2	721-183B8024G2	1
E-3	2	721-183B8024G3	1
E-4	2	721-183B8024G4	1

TABLE F
THYRITE ASSEMBLY

F-1	2	721-183B8028G1	1
F-2	2	721-6218785G2	1

TABLE G
RESISTOR (R1,R2)

G-1	3	721-246A9115P102E (1000 ohm)	2
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Ref. Symbol	Fig. No.	Catalog Number	No. Per Relay
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TABLE H
RESISTOR (R8,R9)

H-1	3	721-246A9115P201C (200 ohm)	2
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TABLE J
RESISTOR (R10)

J-1	3	721-246A9116P102D (1000 ohm)	1
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TABLE K
RESISTOR (R11)

K-1	3	721-246A9115P152D (1500 ohm)	1
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TABLE L
RESISTOR AND DIODE BOARD ASSEMBLY

L-1	3	721-183B8027G1	1
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TABLE M
CALIBRATION POTENTIOMETER (RH1)

M-1	3	721-246A9114PE501B2	1
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TABLE N
END PLATE

N-1	—	721-237C740P2	1
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TABLE P
TERMINAL BLOCK

P-1	—	721-285A5176G1	1
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