



Renewal Parts

Type IAC Time-Overcurrent Relays (800 Series)

Ordering Instructions

1. Always specify the complete nameplate data of the relay, including complete model No. of 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 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 12IAC51A801A 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 the intersection of the "A" column and Model 12IAC-51A801A line find the numeral 1. The complete reference symbol is therefore, "A-1". Referring to page 5 in the catalog, the number is found to be 721-6293203G1 (one required per relay).

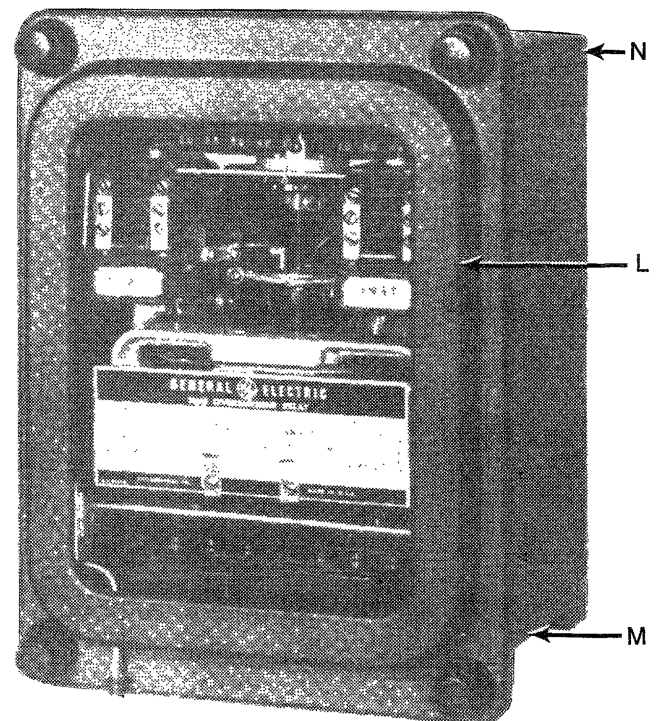


Fig. 1. Typical IAC relay (800 series)

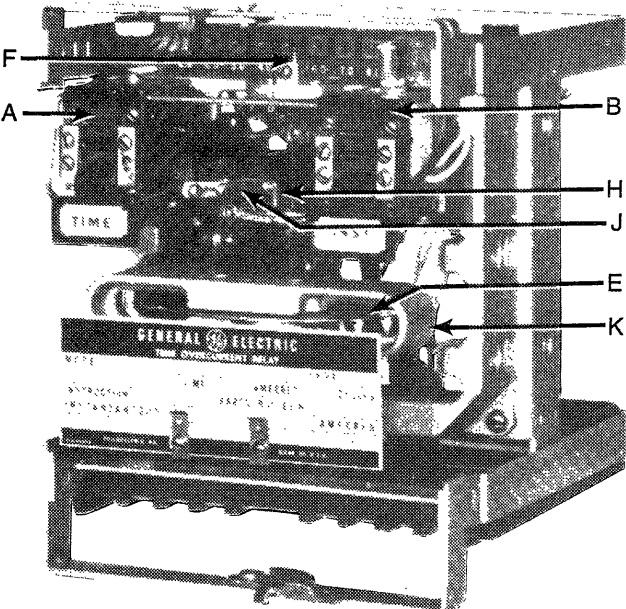


Fig. 2. Typical IAC relay, front view (800 series)

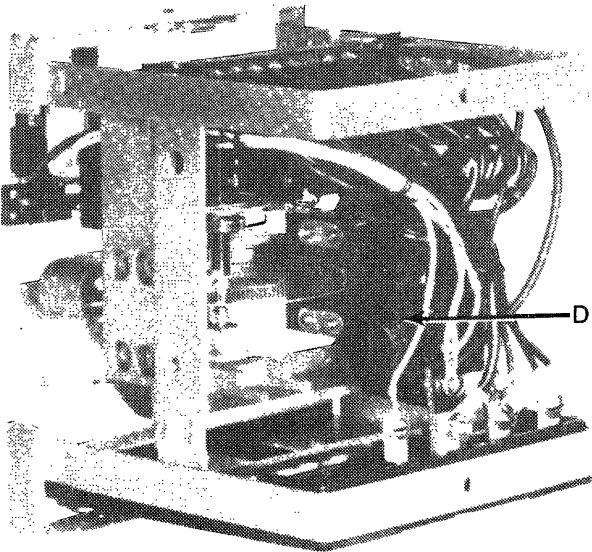


Fig. 3. Typical IAC relay, back view (800 series)

* Recommended for stock for normal maintenance.

† Not shown.

* Recommended for stock for normal maintenance.
† Not shown.

[illegible]

* Recommended for stock for normal maintenance.
† Not shown.

GEF-4373, TYPE IAC RELAYS

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

A-1	2	721-6293203G1	1
A-2	2	721-6293203G2	1
A-3	2	721-6293203G3	1
A-4	2	721-6293203G4	1

TABLE B
INSTANTANEOUS UNIT

B-1	2	721-6293204G124	1
B-2	2	721-6293204G125	1
B-3	2	721-6293204G126	1
B-4	2	721-6293204G127	1
B-5	2	721-6293204G149	1
B-6	2	721-6293204G150	1
B-7	2	721-6293204G151	1
B-8	2	721-6293204G152	1

TABLE C
INSTANTANEOUS UNIT (HIGH-DROPOUT)

C-1	—	721-264B951G42	1
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TABLE D
OPERATING COIL ASSEMBLY

D-1	3	721-891B450G113	1
D-2	3	721-891B450G114	1
D-3	3	721-891B450G115	1
D-4	3	721-891B450G116	1
D-5	3	721-891B450G119	1
D-6	3	721-127B8178G19	1
D-7	3	721-127B8178G18	1
D-8	3	721-127B8178G20	1

TABLE E
DISK AND SHAFT ASSEMBLY

E-1	2	721-6293210G1	1
E-2	2	721-6293210G10	1

TABLE F
TOP BEARING STUD

F-1	2	721-6209409G1	1
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TABLE G
JEWEL BEARING ASSEMBLY

G-1	—	721-6209457G1	1
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Ref. Symbol	Fig. No.	Catalog Number	No. Per Relay
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TABLE H
MAIN MOVING CONTACT AND SPRING ASSEMBLY

H-1	2	721-6158531G1	1
H-2	2	721-6158531G2	1
H-3	2	721-6158531G4	1
H-4	2	721-6158531G5	1
H-5	2	721-6158531G18	1
H-6	2	721-6158531G19	1

TABLE J
MAIN STATIONARY CONTACT AND BRUSH ASSEMBLY

J-1	2	721-6209430G1	1
J-2	2	721-6209430G4	2
J-3	2	721-6209430G4	1

TABLE K
DRAG MAGNET ASSEMBLY ▲

K-1	2	721-108B9191G2 (450 pt)	1
K-2	2	721-108B9191G1 (1000 pt)	1
K-3	2	721-108B9191G1 (1300 pt)	1

TABLE L
COVER

L-1	1	721-128B2305G1	1
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TABLE M
TERMINAL BLOCK

M-1	1	721-285A5176G1	1
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TABLE N
END PLATE

N-1	1	721-237C740P2	1
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TABLE P
RESISTOR

P-1	—	721-403A321P30 (1000 ohms)	1
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TABLE Q
CAPACITOR*

Q-1	—	721-246A9023P150A (1.5 mfd)	1
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TABLE R
RESISTOR

R-1	—	721-6193046G75	1
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TABLE S
CAPACITOR

S-1	—	721-246A9023P150A	1
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TABLE T
TAP SCREWS

T-1	—	721-148A2920P1	1
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▲ **IMPORTANT:** When ordering drag magnets, the exact model number of the relay must be specified on the order.

*Oil-filled capacitors (21F, 28F etc.) referenced in this bulletin are original design style numbers. Due to environmental constraints and other factors beyond PSM's control, orders for these series of capacitors will be supplied as shown in GEF-6001. Note that in some instances the replacement capacitor, while electrically interchangeable, may require mechanical modifications to the relay.



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