

Renewal Parts

Type IFC Time Overcurrent Relays

Ordering Instructions

1. Always specify the complete nameplate data of the relay, including the complete model number 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.

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 12IFC51A1A 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 12IFC51A1A line find the numeral 1. The complete reference symbol is therefore, 'A-1'. Referring to page 6 in the catalog, the number is found to be 721-6293203G481 (one required per relay).

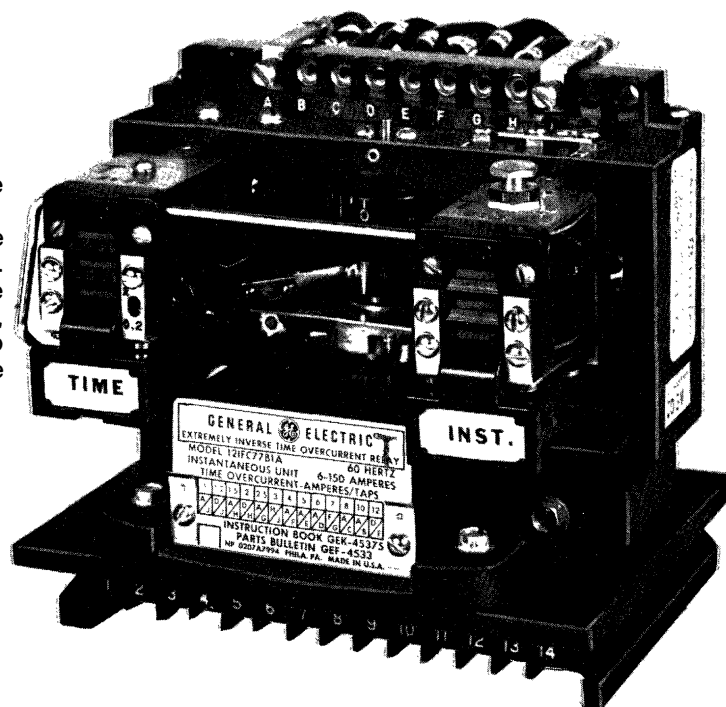


Fig. 1. Type IFC relay

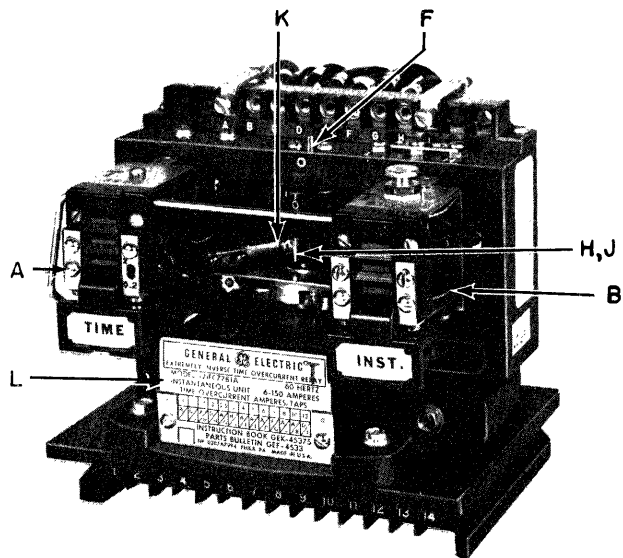


Fig. 2. Type IFC relay, front view

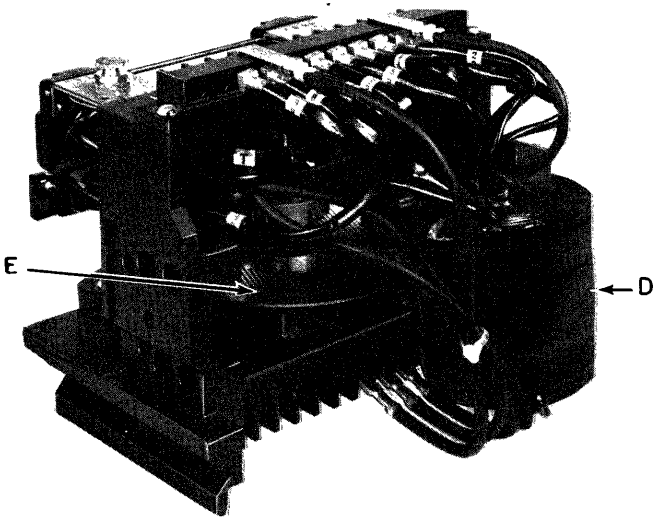


Fig. 3. Type IFC relay, rear view

* Recommended for stock for normal maintenance.

† Not shown.

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

RELAY MODEL NUMBER	Seal-in Unit		Instantaneous Unit (High Dropout)		Operating Coil Assembly		Disk and Shaft Assembly		Top Bearing Stud		Jewel Bearing Assy		Main Moving Contact and Hub Assembly		Spring for Main Moving Contact		Main Stationary Contact and Brush Assembly		Drag Magnet		Cover			
	6	*A	6	*B	6	*C†	6	*D	6	E	6	F	6	G†	6	*H	6	*J	6	K	6	L	6	M†
Page																								
Table																								
12IFC77AD2A	3	—	—	—	12	2	1	1	1	2	1	1	1	1	1	2	1	2	1	1	5	1		
12IFC77B1A	2	1	—	—	11	2	1	2	1	2	1	1	1	1	1	2	1	2	1	1	5	1		
12IFC77B2A	2	2	—	—	12	2	1	2	2	2	1	1	1	1	1	2	1	2	1	1	5	1		
12IFC77B3A	2	2	—	—	11	2	1	2	2	2	1	1	1	1	1	2	1	2	1	1	5	1		
12IFC77BD1A	4	3	—	—	11	2	1	2	2	2	1	1	1	1	1	2	1	2	1	1	5	1		
12IFC77BD2A	4	4	—	—	12	2	1	2	2	2	1	1	1	1	1	2	1	2	1	1	5	1		
12IFC77BD3A	4	4	—	—	11	2	1	2	2	2	1	1	1	1	1	2	1	2	1	1	5	1		
12IFC95A1A	1	—	—	—	8	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		
12IFC95A2A	1	—	—	—	9	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		
12IFC95AD1A	3	—	—	—	8	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		
12IFC95AD2A	3	—	—	—	9	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		
12IFC95B1A	2	1	—	—	8	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		
12IFC95B2A	2	2	—	—	9	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		
12IFC95BD1A	4	5	—	—	8	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		
12IFC95BD2A	4	4	—	—	9	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		
12IFC95F1A	2	7	—	—	8	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		
12IFC95F2A	2	6	—	—	9	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		
12IFC95FD1A	3	8	—	—	13	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	6	1		

GEF-4533, TYPE IFC RELAYS

Ref. Symbol	Fig. No.	Catalog Number	No. Per Relay
-------------	----------	----------------	---------------

TABLE A
SEAL-IN UNIT

A-1	2	721-6293203G481	1
A-2	2	721-6293203G482	1
A-3	2	721-184B6204G1	1
A-4	2	721-184B6204G2	1
A-5	2	721-6293203G512	1
A-6	2	721-184B6204G6	1

TABLE B
INSTANTANEOUS UNIT

B-1	2	721-6293204G158	1
B-2	2	721-6293204G157	1
B-3	2	721-184B6205G9	1
B-4	2	721-184B6205G10	1
B-5	2	721-184B6205G13	1
B-6	2	721-6293204G174	1
B-7	2	721-6293204G175	1
B-8	2	721-184B6205G12	1

TABLE C
INSTANTANEOUS UNIT (HIGH DROPOUT)

C-1	—	721-264B951G87	1
C-2	—	721-138B7231G1	1
C-3	—	721-138B7231G2	1
C-4	—	721-264B951G93	1
C-5	—	721-264B951G92	1
C-6	—	721-264B951G91	1
C-7	—	721-264B951G90	1

TABLE D
OPERATING COIL ASSEMBLY

D-1	3	721-891B450G131	1
D-2	3	721-891B450G132	1
D-3	3	721-891B450G133	1
D-4	3	721-891B450G134	1
D-5	3	721-891B450G137	1
D-6	3	721-891B450G138	1
D-7	3	721-891B450G136	1
D-8	3	721-891B450G144	1
D-9	3	721-891B450G143	1
D-10	3	721-891B450G150	1
D-11	3	721-183B7991G1	1
D-12	3	721-183B7991G2	1

Ref. Symbol	Fig. No.	Catalog Number	No. Per Relay
-------------	----------	----------------	---------------

TABLE D (Continued)
OPERATING COIL ASSEMBLY

D-13	3	721-891B450G180	1
D-14	3	721-891B450G171	1

TABLE E
DISK AND SHAFT ASSEMBLY

E-1	3	721-183B7976G1	1
E-2	3	721-183B7976G2	1

TABLE F
TOP BEARING STUD

F-1	2	721-6209409G1	1
-----	---	---------------	---

TABLE G
JEWEL BEARING ASSEMBLY

G-1	—	721-6209457G1	1
-----	---	---------------	---

TABLE H
MAIN MOVING CONTACT AND HUB ASSEMBLY

H-1	2	721-227A8083G1	1
-----	---	----------------	---

TABLE J
SPRING FOR MAIN MOVING CONTACT

J-1	2	721-6079898P1	1
J-2	2	721-6079898P2	1

TABLE K
MAIN STATIONARY CONTACT AND BRUSH ASSEMBLY

K-1	2	721-6209430G1	1
K-2	2	721-6209430G4	1

TABLE L
DRAG MAGNET ASSEMBLY ▲

L-1	2	721-152C5876G2 (830 pt)	1
L-2	2	721-152C5876G1 (1090 pt)	1
L-3	2	721-152C5876G1 (1400 pt)	1
L-4	2	721-152C5876G1 (1150 pt)	1
L-5	2	721-152C5876G1 (1135 pt)	1
L-6	2	721-152C5876G2 (310 pt)	1
L-7	2	721-152C5876G1 (1650 pt)	1

TABLE M
COVER

M-1	—	721-183B7970G1	1
-----	---	----------------	---

▲IMPORTANT: When ordering drag magnets, the exact model number of the relay must be specified on the order.





GE VERNOVA

650 Markland Street
Markham, Ontario
Canada L6C 0M1
Worldwide telephone: +1 905 927 7070
North America toll-free: 1 800 547 8629
Website: <https://www.gevernova.com/grid-solutions>