



Renewal Parts

Type HFA Auxiliary 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.

Note: The operating coil is identified by the letters and digit(s) following the Type letters in the relay model number. (Example: 12HFA53A41H.) The coil number may be followed by an alphabetic suffix (H for surface mounted relay; F for semi-flush mounted relay). The suffix letters, if any, in the model number do not affect the selection of the operating coil or reset coil (if used).

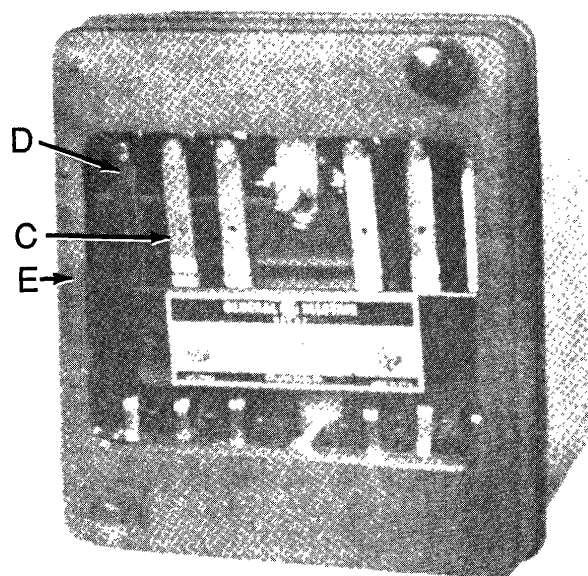


Fig. 1. Type HFA relay

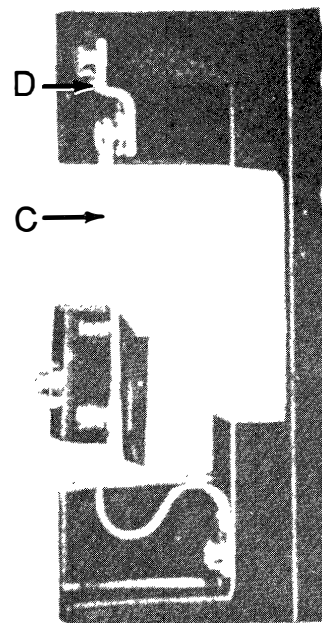


Fig. 2. Type HFA relay, cutaway view of contact arrangement

[illegible]

* Recommended for stock for normal maintenance.

† Not shown.

GEF-2757, TYPE HFA RELAYS

TABLE A
OPERATING COIL ♦

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog Number	No. Per Relay
A-1	—	41	366A772G1	1
	—	42	366A772G2	1
	—	43	366A772G3	1
	—	44	366A772G4	1
	—	45	366A772G5	1
	—	46	366A772G6	1
	—	47	366A772G7	1
	—	48	366A772G8	1
	—	49	366A772G9	1
	—	50	366A772G10	1
	—	51	366A772G11	1
	—	52	366A772G12	1
	—	54	366A772G13	1
	—	55	366A772G14	1
	—	73	366A772G20	1
	—	74	366A772G21	1
	—	75	366A772G22	1
	—	83	366A772G39	1
	—	95	366A772G51	1

TABLE A
OPERATING COIL ♦

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog Number (1 Req'd.)	External Resistor Catalog No. (1 Req'd.)
A-2	—	91	366A772G7	IC9006C101A200
	—	92	366A772G6	IC9006C101A800
	—	93	366A772G18	IC9006C101A10
	—	94	366A772G18	IC9006C101A30
	—	95	366A772G25	IC9006C101A30
	—	96	366A772G4	IC9006C101A7.5

TABLE A
OPERATING COIL ♦

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog Number	No. Per Relay
A-3	—	122, 182, 212, 242, or 272	366A772G7	1
	—	123, 183, 213, 243, or 273	366A772G6	1
	—	125, 185, 215, 245, or 275	366A772G4	1
	—	126, 186, 216, 246, or 276	366A772G3	1
	—	127, 187, 217, 247, or 277	366A772G2	1
	—	128, 188, 218, 248, or 278	366A772G1	1
	—	129, 189, 219, 249, or 279	366A772G9	1
	—	130, 190, 220, 250, or 280	366A772G11	1

TABLE A
OPERATING COIL ♦

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog Number (1 Req'd.)	Internal Resistor Catalog No. (1 Req'd.)
A-4	—	1	366A772G7	246A9115P501E
	—	2	366A772G6	246A9115P202E
	—	3	366A772G25	246A9115P750E

TABLE A
OPERATING COIL ♦

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog No. (1 Req'd.)	External Resistor Catalog No. (1 Req'd.)
A-5	—	1	366A772G7	IC9006C101A500

TABLE A
OPERATING COIL ♦

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog No. (1 Req'd.)	External Resistor Cat. No. (1 Req'd.)	External Capacitor Cat. No. (1 Req'd.)	External Rect. Cat. No. (1 Req'd.)
A-6	—	1	366A772G2	IC9006C101A100	246A9024P500A	—
	—	2	366A772G4	IC9006C101A50	246A9024P1500A	—
	—	3	366A772G1	IC9006C101A200	246A9024P500A	—
	—	4	366A772G1	IC9006C101A200	246A9024P500A	—
	—	5	366A772G11	IC9006C101A1650	246A9024P500A	295B274G21
	—	6	366A772G11	IC9006C101A1650	246A9024P500A	295B274G21
	—	7	366A772G6	IC9006C101A10	246A9024P2500A	—
	—	8	366A772G1	IC9006C101A200	246A9024P500A	—
	—	9	366A772G9	IC9006C101A200	246A9024P500A	295B274G22
	—	10	366A772G2	IC9006C101A100	246A9024P500A	—

♦When replacing an operating coil, the shading ring (721-6140434P2) should also be replaced.

TABLE A†
OPERATING COIL

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog No (1 Req'd.)	External Resistor Cat. No. (1 Req'd.)	External Capacitor Cat. No. (1 Req'd.)
A-7	-	41	366A772G4	IC9006CA01A1800	246A9024P1500A
A-7	-	42	366A772G6	IC9006C101A390	246A9024P2500A
A-7	-	43	366A772G9	IC9006C101A50	-
A-7	-	44	366A772G25	IC9006C101A12	-
A-7	-	45	366A772G6	IC9006C101A750	246A9024P1500A

TABLE A
OPERATING COIL†

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog Number (1 req'd)	External Rectifier Number (1 req'd)
A-8	-	61	366A706G12	-
A-8	-	62	366A706G13	-
A-8	-	63	366A706G14	-
A-8	-	64	366A706G15	-
A-8	-	65	366A706G16	-
A-8	-	66	366A706G17	-
A-8	-	67	366A706G18	-
A-8	-	69	366A706G19	295B274G22
A-8	-	73	366A706G12	-
A-8	-	74	366A706G13	-
A-8	-	76	366A706G20	295B274G22
A-8	-	77	366A706G20	295B274G22
A-8	-	81	366A706G14	-
A-8	-	82	366A706G20	-
A-8	-	84	366A706G19	295B274G22

TABLE A
OPERATING COIL†

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog Number	Number Per Relay
A-9	-	1	366A925G1	1
A-9	-	2	366A925G2	1
A-9	-	3	366A925G3	1
A-9	-	4	366A925G4	1
A-9	-	5	366A925G6	1
A-9	-	6	366A925G7	1
A-9	-	7	366A925G8	1
A-9	-	8	366A925G54	1
A-9	-	9	366A925G18	1
A-9	-	11	366A925G21	1
A-9	-	12	366A925G20	1
A-9	-	13	366A925G5	1
A-9	-	18	366A925G6	1
A-9	-	19	366A925G7	1

† When replacing an operating coil, the shading ring (6140434P2) should also be replaced.

TABLE A
OPERATING COIL†

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog Number	Number Per Relay
A-10	-	1	366A925G6	1
A-10	-	2	366A925G7	1
A-10	-	4	366A925G25	1
A-10	-	5	366A925G59	1
A-11	-	1, 21 or 41	366A925G1	1
A-11	-	2, 22 or 42	366A925G2	1
A-11	-	3, 23 or 43	366A925G3	1
A-11	-	4, 24 or 44	366A925G4	1
A-11	-	5, 18, 25, 38, 45 or 58	366A925G6	1
A-11	-	6, 19, 26, 39, 46 or 59	366A925G7	1
A-11	-	7, 27 or 47	366A925G8	1
A-11	-	8, 28 or 48	366A925G54	1
A-11	-	9, 29 or 49	366A925G18	1
A-11	-	11, 31 or 51	366A925G21	1
A-11	-	12, 32 or 52	366A925G20	1
A-11	-	13, 33 or 53	366A925G5	1

TABLE B
RESET COIL

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog Number	Number Per Relay
B-1	-	122, 123, 125, 126, 127, 128, 129, or 130	6275083G3	1
B-1	-	182, 183, 185, 186, 187, 188, 189, or 190	6275083G2	1
B-1	-	212, 213, 215, 216, 217, 218, 219, or 220	6275083G1	1
B-1	-	242, 243, 245, 246, 247, 248, 249, or 250	6275083G3	1
B-1	-	272, 273, 275, 276, 277, 278, 279, or 280	6275083G2	1

TABLE B
RESET COIL

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog Number	Number Per Relay
B-2	-	1	6275083G2	1
B-2	-	2	6275083G3	1
B-2	-	3	6275083G1	1
B-2	-	4	6275083G3	1
B-2	-	5	6275083G3	1
B-2	-	6	6275083G2	1
B-2	-	7	6275083G2	1
B-2	-	8	6275083G3	1
B-2	-	9	6275083G3	1
B-2	-	10	6275083G3	1

TABLE B
RESET COIL

Ref. Symbol	Fig. No.	Relay Form No.	Coil Catalog Number	Number Per Relay
B-3	-	1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 18, or 19	6275083G1	1
B-3	-	21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 38, or 39	6275083G2	1
B-3	-	41, 42, 43, 44, 45, 46, 47, 48, 49, 51, 52, 53, 58, or 59	6275083G3	1

TABLE C
MOVING CONTACT

Ref. Symbol	Figure Number	Catalog Number	Number Per Relay
C-1	2	6118675G1	6
C-2	2	6118675G1	2
C-3	2	6118675G4	6

TABLE D
STATIONARY CONTACTS

Ref. Symbol	Figure Number	Catalog Number	Number Per Relay
D-1	2	6118675G2	6
D-2	2	6118675G5	6
D-3	2	6118675G2	2
D-4	2	6118675G3	6
D-5	2	6118675G2	1
D-6	2	6118675G3	5
D-7	2	6118675G3	4
D-8	2	6118675G2	3
D-9	2	6118675G3	3
D-10	2	6118675G2	4
D-11	2	6118675G3	2
D-12	2	6118675G2	5
D-13	2	6118675G3	1

TABLE E
COVER

Ref. Symbol	Fig. No.	Suffix	Catalog Number	Number Per Relay
E-1	1	Blank, F or H	276B538G1	1
E-2	1	Blank, F or H	276B538G2	1
E-3	1	Blank, F or H	276B538G3	1
E-4	1	A	6229807G7	1
E-5	1	A	6229807G52	1

TABLE F
CONTROL SPRING

Ref. Symbol	Figure Number	Catalog Number	Number Per Relay
F-1	-	6078993P1	1
F-2	-	6302776P1	1



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