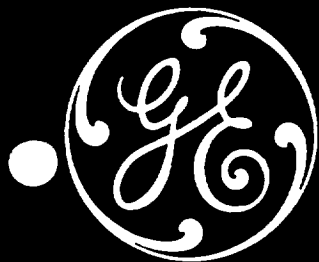


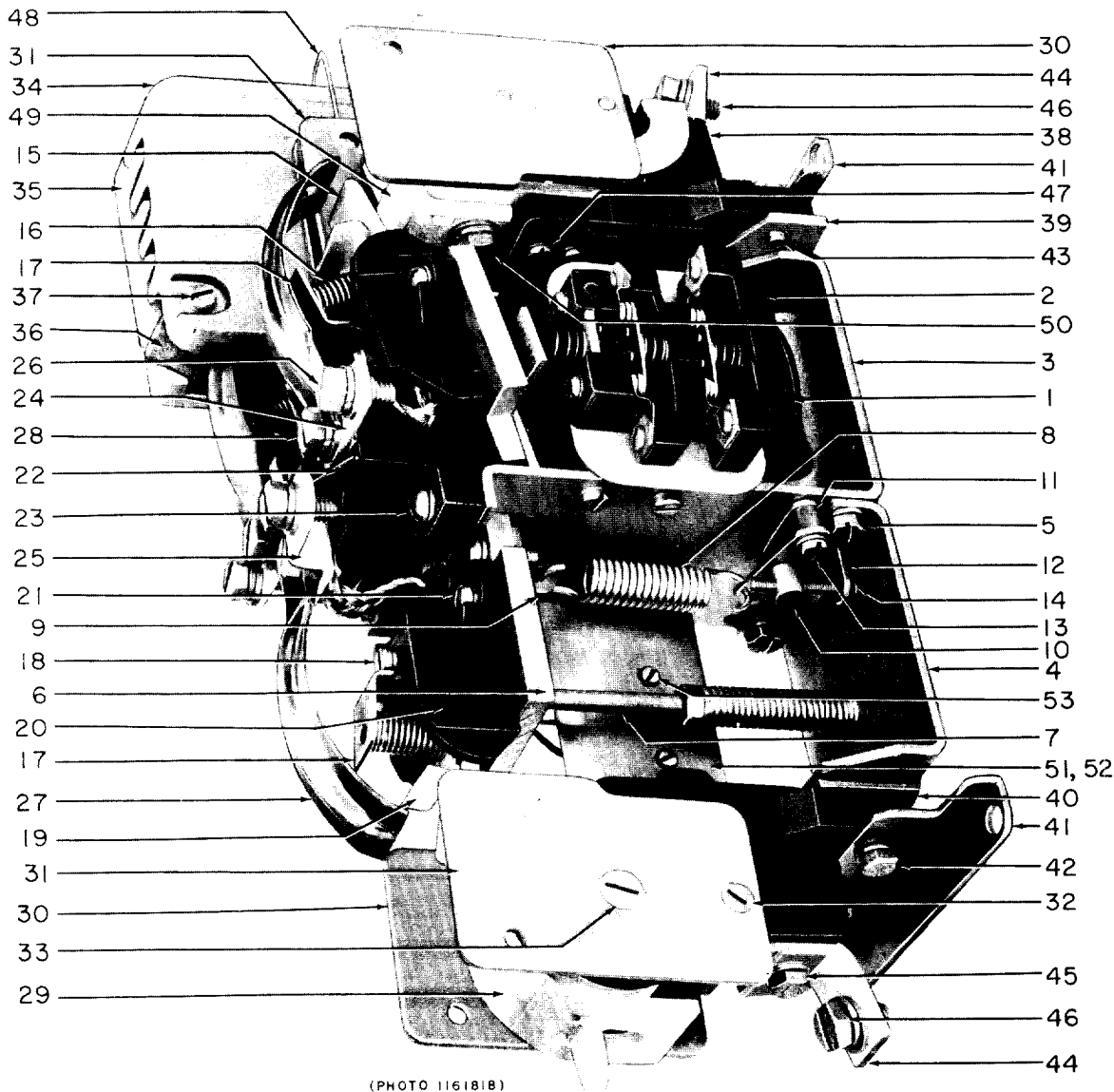
RENEWAL PARTS



IC2800-1627 CONTACTORS

Forms A, B, C, D, E, AA, AB, AC, AD, AE, AF, AG, AH, AJ, and AK

NOTE:—When ordering parts for a form of the contactor not covered by this bulletin, give reference number, description of part, complete nameplate reading, and above bulletin (GEF) number. *Do not use catalog number when form for which the parts are needed is not covered by the bulletin.*



(PHOTO 116181B)

IC2800-1627D contactor

When ordering renewal parts, give quantity, catalog number, description of each item required, and complete nameplate reading.



IC2800-1627 CONTACTORS

PARTS RECOMMENDED FOR NORMAL STOCK

Ref. No.	Number Required for IC2800-1627-						Catalog Number	Description
	A	B	C	D	E			
	AA	AB	AC	AD	AE			
	AF	AG	AH	AJ	AK			
1	1	1	1	1	1	1	----- -----	Operating coil (see table below)
	Δ	Δ	Δ	Δ	Δ	Δ		Set of interlock contacts (see table below)
15	3	3	3	3	3	3	8067076G2	Main movable contact finger
49	3	3	3	3	3	3	8067063G1	Main stationary contact
16	3	3	3	3	3	3	2416475	Compression spring for main movable contact finger
8	1	1	1	1	1	1	2412649	Tension spring for armature
19	3	3	3	3	3	3	8068689G2	Shunt for main movable contact finger
34	3	3	3	3	3	3	8244169P1	Arc chute side, right-hand
35	3	3	3	3	3	3	8244169P2	Arc chute side, left-hand

Δ If interlock is used, a quantity of one set is required for each interlock.

Ref. No. 1 - OPERATING COILS - 1 Required

NOTE:- The operating coil is identified by the number following the form letter in the IC designation.

EXAMPLE:- IC2800-1627-A-2-B requires operating coil number 2, Catalog Number 393B208G2.

Volts	Cycles	Catalog Number	Coil No.	Volts	Cycles	Catalog Number	Coil No.
250	D-C	393B208G2	2	125	D-C	393B208G3	3
*250	D-C	393B208G4	4	*125	D-C	393B208G5	5

* Fungus treated

ELECTRICAL INTERLOCKS

NOTE:- The interlock is identified by the letter following the coil number in the IC designation.

EXAMPLE:- IC2800-1627-C-2-B requires interlock letter B, Catalog Number 723B245G41.

Interlock Letter	Interlock with Mounting Parts		Ref. No. 2 Interlock Switch Unit	δ Set of Interlock Contacts
	Right-hand	Left-hand		
	Cat. No.	Cat. No.		
B	-----	979B597B	IC2956A200G	6960053G2
C	979B597C	-----	IC2956A200G	6960053G2
D	-----	979B597D	IC2956A200H	6960053G2
E	979B597E	-----	IC2956A200H	6960053G2
F	-----	979B597F	IC2956A200A	6960053G3
G	979B597G	-----	IC2956A200A	6960053G3
H	-----	979B597H	IC2956A200C	6960053G3
J	979B597J	-----	IC2956A200C	6960053G3
K	-----	979B597K	IC2956A200B	6960053G3
L	979B597L	-----	IC2956A200B	6960053G3
M	979B597M		†IC2956A200A	6960053G3
N	979B597N		‡IC2956A200A	6960053G3
P	979B597P		†IC2956A200C	6960053G3
R	979B597R		‡IC2956A200C	6960053G3
S	979B597S		†IC2956A200A	6960053G3
T	-----	979B597T	‡IC2956A200A	6960053G3
			IC2956A200AH	6960053G3

δ Includes movable and stationary contacts with springs and contact-holding screws.

† Switch unit for right-hand interlock.

‡ Switch unit for left-hand interlock.

IC2800-1627 CONTACTORS

GEF-4166B

COMPLETE LIST OF PARTS

Ref. No.	Number Required for IC2800-1627						Catalog Number	Description
	A	B	C	D	E			
	AA	AB	AC	AD	AE			
	AF	AG	AH	AJ	AK			
	1	1	1	1	1	1	147A6180	Retainer for operating coil
	3	3	3	3	3	3	147A5848P2	Washer for coil retainer (for IC2800-1627-A thru -AE and -AK only)
	-	3	3	3	3	-	147A5848P7	Washer for coil retainer (for IC2800-1627-AF thru -AJ only)
	1	1	1	1	1	1	259A2698P1	Coil retainer (for IC2800-1627-AA thru -AK only)
3	1	1	1	1	1	1	8089296G5	Magnet frame with core, upper (for IC2800-1627-A thru -E only)
3	1	1	1	1	1	1	129B5695G2	Magnet frame with core, upper (for IC2800-1627-AA thru -AK only)
4	1	1	1	1	1	1	8089296G4	Magnet frame with stud, lower (for IC2800-1627-A thru -E only)
4	1	1	1	1	1	1	129B5695G1	Magnet frame with stud, lower (for IC2800-1627-AA thru -AK only)
5	2	2	2	2	2	2	N26P21008B	Screw fastening lower magnet frame to upper magnet frame (1/4-20, 1/2 in. hex. hd slot., pro. fin.)
6	1	1	1	1	1	1	8087231G6	Armature assembly
7	1	1	1	1	1	1	8047749	Armature stop
8	1	1	1	1	1	1	2412649	Tension spring for armature
9	1	1	1	1	1	1	8087264G2	Support for tension spring
	2	2	2	2	2	2	N144P21012C	Screw with lock washer fastening support to armature (1/4-20, 3/4 in. pan hd., with spring lock washer)
10	1	1	1	1	1	1	8067077G1	Adjusting arm for tension spring (for IC2800-1627-A thru -E only)
11	1	1	1	1	1	1	8046642	Spacer for adjusting arm (for IC2800-1627-A thru -E only)
12	1	1	1	1	1	1	8074926P2	Bracket for adjusting screw (for IC2800-1627-A thru -E only)
13	1	1	1	1	1	1	N46P16012B	Screw fastening adjusting arm and spacer to magnet frame (10-32, 3/4 in. fill. hd., pro. fin.) (for IC2800-1627-A thru -E only)
14	1	1	1	1	1	1	8046641	Adjusting screw for spring adjusting arm (for IC2800-1627-A thru -E only)
	1	1	1	1	1	1	167A9802P1	Eyebolt for tension spring (for IC2800-1627-AA thru -AK only)
15	3	3	3	3	3	3	8067076G2	Main movable contact finger
16	3	3	3	3	3	3	2416475	Compression spring for main movable contact finger
17	3	3	3	3	3	3	167A9801P1	Spring support (for IC2800-1627-AA thru -AK only)
18	3	3	3	3	3	3	N144P16006C	Screw with lock washer fastening spring support to molded support (10-32, 3/8 in. pan hd, with spring lock washer)
19	3	3	3	3	3	3	8068689G2	Shunt for main movable contact finger
	3	3	3	3	3	3	N44P16006B	Screw fastening shunt to main movable contact finger (10-32, 3/8 in. fill. hd, pro. fin.)
20	3	3	3	3	3	-	129B5762G3	Molded support for movable contact finger (for IC2800-1627-A thru -E only)
20	3	3	3	3	3	3	973C530P1	Molded support for movable contact finger (for IC2800-1627-AA thru -AE and -AK only)
20	-	3	3	3	3	3	973C530P2	Molded support for movable contact finger (for IC2800-1627-AF thru -AJ only)
21	6	6	6	6	6	6	N44P16012B	Screw fastening molded support to armature (10-32, 3/4 in. fill. hd, pro. fin.)
22	1	1	1	1	1	1	8080651P1	Terminal block (for IC2800-1627-A thru -AE and -AK only)
22	-	1	1	1	1	-	8080651P2	Terminal block (for IC2800-1627-AF thru -AJ only)
23	2	2	2	2	2	2	N144P21012C	Screw with lock washer fastening terminal block to magnet frame (1/4 in.-20, 3/4 in. pan hd, with spring lock washer)
24	2	2	2	2	2	2	8087234P2	Connection strip, upper
25	1	1	1	1	1	1	8087234P3	Connection strip, lower
26	3	3	3	3	3	3	N26P23010B	Connection screw for connection strip (5/16-18, 5/8 in. hex. hd, pro. fin.)
27	3	3	3	3	3	3	8087234P4	Arcing horn
28	3	3	3	3	3	3	N26P23010B	Screw fastening connection strip, shunt and arcing horn to terminal block (5/16-18, 5/8 in. hex. hd, pro. fin.)
	3	3	3	-	-	1	579A141G1	Stationary contact tip support (for IC2800-1627-A, -B, -C and -AK only)
	3	-	-	-	-	-	3323194	Blowout coil
	-	3	-	-	-	-	3323195	Blowout coil
	-	-	3	-	-	1	3323196	Blowout coil
29	-	-	-	3	-	-	8087233G4	Blowout coil and stationary contact tip support
29	-	-	-	-	3	2	8087233G1	Blowout coil and stationary contact tip support
	-	-	-	3	3	2	5354916P1	Insulation tube for blowout coil (for IC2800-1627-D, -E, -AD, -AE, and -AK only)
	-	-	-	3	3	-	5354916P2	Insulation tube for blowout coil (for IC2800-1627-AH and -AJ only)
	-	-	-	6	-	-	5354912P1	Insulation washer for blowout coil
	-	-	-	-	6	4	138A2199P1	Insulation washer for blowout coil
30	3	3	3	-	-	1	8067064G2	Pole piece with core
30	-	-	-	3	3	2	8067064G1	Pole piece with core
31	3	3	3	-	-	1	8089291P4	Pole piece
31	-	-	-	3	3	2	8089291P2	Pole piece
32	3	3	3	3	3	3	N51P16032B	Screw fastening pole pieces together (10-32, 2 in. flat hd, pro. fin.)
	3	3	3	-	-	1	N51P15032B	Screw fastening pole pieces together (8-32, 2 in. flat hd, pro. fin.)

IC2800-1627 CONTACTORS

COMPLETE LIST OF PARTS (CONT'D)

Ref. No.	Number Required for IC2800-1627						Catalog Number	Description
	A	B	C	D	E			
	AA	AB	AC	AD	AE			
	AF	AG	AH	AJ	AK			
33	3	3	3	3	3	3	N51P21008B	Screw fastening pole pieces to core (1/4 in.-20, 1/2 in. flat hd, pro. fin.)
34	3	3	3	3	3	3	8244169P1	Arc-chute side, right-hand
35	3	3	3	3	3	3	8244169P2	Arc-chute side, left-hand
36	3	3	3	3	3	3	8050866	Burning ring for arc chute
37	6	6	6	6	6	6	N144P16024C	Screw with lock washer fastening arc chute sides together (10-32, 1 1/2 in. pan hd, with spring lock washer)
38	3	3	3	-	-	-	9138877P2	Insulation base (for IC2800-1627-A, -B and -C only)
38	-	-	-	3	3	-	9138877P1	Insulation base (for IC2800-1627-D and -E only)
38	3	3	3	-	-	-	129B5643P2	Insulation base (for IC2800-1627-AA, -AB and -AC only)
38	-	-	-	3	3	3	129B5643P1	Insulation base (for IC2800-1627-AD, -AE and -AK only)
38	-	3	3	-	-	-	129B5643P4	Insulation base (for IC2800-1627-AF and -AG only)
38	-	-	-	-	3	-	129B5643P3	Insulation base (for IC2800-1627-AH and -AJ only)
39	1	1	1	1	1	1	9092394	Spacer between upper insulation base and magnet frame (for IC2800-1627-A thru -E only)
40	1	1	1	1	1	1	9092339	Spacer between lower insulation base and magnet frame (for IC2800-1627-A thru -E only)
41	2	2	2	2	2	2	9397565P2	Mounting bracket (for IC2800-1627-A thru -E only)
42	4	4	4	4	4	4	N26P21016B	Screw fastening insulation base and mounting bracket to magnet frame (1/4-20, 1 in. hex. hd slot, pro. fin.)
	4	4	4	4	4	4	N26P21012B6	Screw fastening insulation base to magnet frame (1/4-20, 3/4 in. hex. hd slot, pro. fin.)
43	2	2	2	2	2	2	N144P21012B	Screw with lock washer fastening insulation base to spacer (1/4 in.-20, 3/4 in. pan hd, with spring lock washer)
44	3	3	3	3	3	3	9092395	Terminal
45	3	3	3	3	3	3	N26P21016B	Screw fastening terminal and blowout coil lead to insulation base (1/4-20, 1 in. hex. hd slot, pro. fin.)
46	3	3	3	3	3	3	N26P23010B	Connection screw for terminal (5/16-18, 5/8 in. hex. hd, pro. fin.)
47	6	6	6	6	6	6	N144P16010C	Screw with lock washer fastening stationary contact tip support to insulation base (10-32, 5/8 in. pan hd, with spring lock washer)
48	3	3	3	3	3	3	9092730	Retaining spring for arc chute
49	3	3	3	3	3	3	8067063G1	Main stationary contact
50	3	3	3	3	3	3	N26P23010B6	Screw fastening stationary contact to support (5/16 in.-18, 5/8 in. hex. hd, pro. fin.)
51	1	1	1	1	1	1	106B7000G1	Terminal board (for IC2800-1627-A thru -AE and -AK only)
51	-	1	1	1	1	-	151A5817P3	Terminal board (for IC2800-1627-AF thru -AH only)
52	1	1	1	1	1	1	144A1360P1	Support for terminal board
53	2	2	2	2	2	2	N57P15016B6	Screw fastening terminal board to support (8-32, 1 in. pan hd, pro. fin.)
	2	2	2	2	2	2	N57P16010B	Screw fastening terminal board support to magnet frame (10-32, 5/8 in. pan hd, pro. fin.)
	4	4	4	4	4	4	N26P21012B6	Mounting screw for magnet frame (1/4-20, 3/4 in. hex. hd, pro. fin.)

NUTS

Catalog Number	Description
N210P15B	8-32, hex. std
N210P16B	10-32, hex. std
N203P21B	1/4 in.-20, hex. std

LOCK WASHERS

Catalog Number	Description
N403P19B	
N405P38B	For No. 8 screw
N405P39B	For No. 10 screw
N405P41B	For 1/4 in. screw
N405P42B	For 5/16 in. screw

WASHERS

Catalog Number	Description
N402P11B	For 1/4 in. screw
N402P42B	For 5/16 in. screw

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