

RENEWAL PARTS

FOR CONTACTORS IC2812 AND IC2814

-E120-A, -B, -C;

-E130-A, -B, -C, -D;

-E140-A, -B, -C

-E121-A, -B, -C;

-E131-A, -B, -C;

-E141-A, -B, -C, -D.

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.

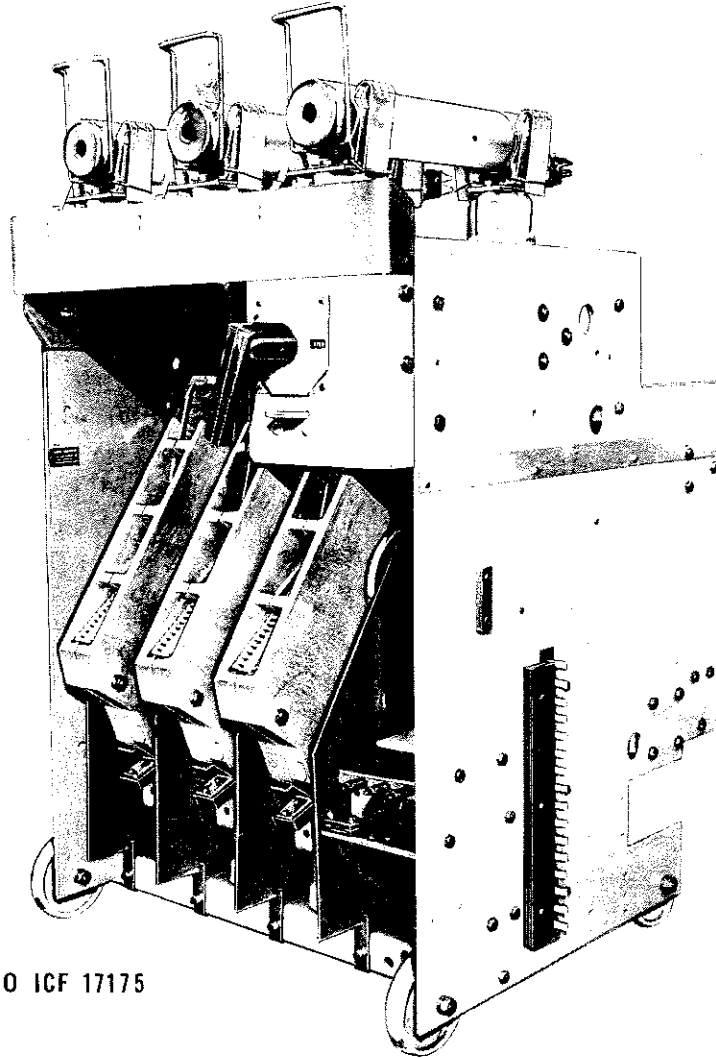


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When ordering renewal parts, give quantity, catalog number, description of each item required, and complete nameplate reading.

GENERAL  ELECTRIC

LIST NO. 1 PARTS FOR NORMAL STOCK

Ref. No.	Catalog Number	Qty Req'd for IC2812 & IC2814						Description
		-E120	-E121	-E130	-E131	-E140	-E141	
1 or 2	See list #2	1	2	1	2	1	2	Coil, Operating. Tip, Movable Contact. Tip, Stationary Contact. Spring, Cont. Br'k't Compr. Shunt Assy., (braided strap). Arc Chute Assembly.
109	167A9956-G1	3	3	3	3	3	3	
102	138A1125-G1	3	3	3	3	3	3	
112	2416875	3	3	3	3	3	3	
168	138A1108-G1	6	6	6	6	6	6	
118	104B9930-G1	3	3	3	3	3	3	

LIST NO. 2 OPERATING COILS.

Contactors IC2812 and IC2814-E120, -E130 and -E140 are A-C Contactors and require one A-C Coil - The last digit or digits in the IC designation is the operating coil number. EXAMPLE: IC2814-E120A24AA requires coil number 24 (Catalog No. ID300-G121) in the list below.								
Ref. No.	Coil No.	Cat. No.	Coil No.	Cat. No.	Coil No.	Cat. No.	Coil No.	Cat. No.
1	2	1D300-G102	14	1D300-G114	26	1D300-G123	41	1D300-G130
	3	1D300-G103	15	1D300-G103	28	1D300-G123	42	1D300-G131
	4	1D300-G104	16	1D300-G104	29	1D300-G124	45	1D300-G132
	5	1D300-G105	17	1D300-G115	30	1D300-G125	46	1D300-G133
	6	1D300-G106	18	1D300-G116	31	1D300-G126	47	1D300-G124
	7	1D300-G107	19	1D300-G117	32	1D300-G127	48	1D300-G134
	8	1D300-G108	20	1D300-G118	33	1D300-G108	49	1D300-G135
	9	1D300-G109	21	1D300-G119	34	1D300-G122	50	1D300-G136
	10	1D300-G110	22	1D300-G120	35	1D300-G128	51	1D300-G133
	11	1D300-G111	23	1D300-G113	38	1D300-G129	52	1D300-G135
	12	1D300-G112	24	1D300-G121	39	1D300-G107		
	13	1D300-G113	25	1D300-G122	40	1D300-G103		
	Contactors IC2812 and IC2814-E121, -E131 and -E141 are D-C Contactors and require two D-C Coils - The last digits in the IC designation are the operating coil number. EXAMPLE: IC2814-E121A212AA requires two coils number 212 (Catalog No. 22D95-G39) in the list below.							
Ref. No.	Coil No.	Cat. No.	Coil No.	Cat. No.	Coil No.	Cat. No.	Coil No.	Cat. No.
2	22	22D95-G20	25	22D95-G37	213	22D95-G37	216	22D95-G38
	23	22D95-G30	26	22D95-G38	214	22D95-G38		
	24	22D95-G39	212	22D95-G39	215	22D95-G38		

LIST NO. 3 MECHANICAL INTERLOCK ASSEMBLY PARTS

The Mechanical Interlock for your Contactor is identified by the FIRST LETTER SUFFIX in the model identification number. EXAMPLE: Contactor IC2814-E131A212AC uses all of the parts and quantities in column 'A' in the D-C Contactor list below. Suffix letter 'B' contactors use no Mechanical Interlock.

D-C Contactors -E121, -E131, -E141											
Ref. No.	Catalogue Number	Quantity Required									Description
		Suffix Letter									
		A	B	C	D	E	F	G	H	J	
3	477C371-G1	1	-	-	-	-	-	-	-	-	Interlock Assembly, Complete.
3	477C371-G2	-	-	1	-	-	-	-	-	-	Interlock Assembly, Complete.
3	477C371-G3	-	-	-	1	-	-	-	-	-	Interlock Assembly, Complete.
3	477C371-G4	-	-	-	-	1	-	-	-	-	Interlock Assembly, Complete.
3	477C371-G5	-	-	-	-	-	1	-	-	-	Interlock Assembly, Complete.
3	477C371-G6	-	-	-	-	-	-	1	-	-	Interlock Assembly, Complete.
3	477C371-G7	-	-	-	-	-	-	-	1	-	Interlock Assembly, Complete.
3	477C371-G8	-	-	-	-	-	-	-	-	1	Interlock Assembly, Complete.
4	979B444-G1	1	-	-	-	-	-	-	-	-	Interference Box Assembly.
4	979B444-G2	-	-	1	-	1	-	-	-	1	Interference Box Assembly.
4	979B444-G3	-	-	-	1	-	1	-	-	-	Interference Box Assembly.

A-C Contactors -E120, -E130, -E140 (continued)

Ref. No.	Cat. No.	Quantity Required for Suffix Letter										Description
		A	B	C	D	E	F	G	H	J		
38	286A113-P27	-	-	1	1	2	2	-	-	-		Screw, Sl'td. Hex Hd., 5/16 x 2-1/4 Spl. Thread Length
19	117A7850-P1	1	-	1	1	1	1	2	2	1		Hair Pin Cotter
N76	N402P42B	-	-	-	-	-	-	2	2	-		Washer - 5/16 hole (plain)
N75	N503P1212B	-	-	2	2	2	2	2	2	-		Cotter Pin - 3/4 x 1/8
N3	N22P23012B	2	-	2	2	2	2	2	2	2		Screw, Hex Hd. 5/16-18 x 3/4
N6	N405P42B	4	-	6	6	8	8	3	3	4		Lockwasher, Med. Sec. 5/16 hole
N57	N245P23B	2	-	4	4	6	6	1	1	2		Nut, Hex 5/16-18

LIST NO. 4 - MECHANICAL INTERLOCK INTERFERENCE BOXES - may be ordered as an assembly from the list above or by parts as shown below. They are identified by the last letter and digit of their catalog number as -G1, -G2 and so on.

Ref. No.	Cat. No.	Quantity Required for 979B444				Description
		-G1	-G2	-G3	-G4	
4	979B444	1	1	1	1	Interference Box Assembly
40	125A5948-G1	1	1	1	1	Plate Assy., W/Bellcrank Br'k't.
41	119A4392-P1	-	1	1	1	Plate, Back Cover
42	119A4392-P3	1	-	-	-	Plate, Back Cover
43	979B465-G1	2	2	2	2	Ball Case
44	117A7774-P1	2	4	4	4	Plunger
45	117A7774-P2	1	1	1	1	Plunger
46	577A200-P1	1	2	2	2	Steel Ball
47	138A1141-P1	1	1	1	1	Bellcrank
48	138A1124	1	1	1	1	Spring
49	125A4287	2	4	4	4	Spring
50	286A113-P44	1	1	1	1	Screw, Sl'td. Hex Hd., 5/16-18x1-1/4 Spl. Thread Length
N84	N22P23072B	-	-	-	2	Screw, Slot Hd., 5/16-18x4-1/2
N83	N405P12B	1	1	1	1	Lockwasher, Lt. Sec. 5/16 hole
N57	N245P23B	1	1	1	1	Nut, Hex 5/16-18
N74	N533P3820	1	1	1	1	Roll Pin
N82	N22P23064B	2	2	2	-	Screw, Slot Hd. 5/16-18x4

LIST NO. 5 - ELECTRICAL INTERLOCK PARTS - The Electrical Interlock is identified by the SECOND LETTER SUFFIX in the IC model identification number. EXAMPLE: Contactor IC 2814-E130A212AB uses all of the parts and quantities in Column 'B' in the list below.

Ref. No.	A-C and D-C Contactors -E120, -E121, -E130, -E131, -E140, & -E141							Description
	Cat. No.	Quantity Required for Suffix Letter						
		A	B	C	D	E	F	
51	728B214-G7	1	-	-	-	-	-	Interlock Assembly, Complete
51	728B214-G8	-	1	-	-	-	-	Interlock Assembly, Complete
51	728B214-G13	-	-	1	-	-	-	Interlock Assembly, Complete
51	728B214-G14	-	-	-	1	-	-	Interlock Assembly, Complete
51	728B214-G15	-	-	-	-	1	-	Interlock Assembly, Complete
51	728B214-G17	-	-	-	-	-	1	Interlock Assembly, Complete
52	287A190-P1	4	4	4	4	4	4	Guide, Link & Bracket
53	125A5906-P1	1	1	1	1	1	1	Interlock Block Bracket
55	147A5878-G3	1	1	1	1	1	1	Link & Bracket
56	393B459-P1	1	1	1	1	1	1	Support, Interlock
19	117A7850-P1	1	1	1	1	1	1	Hair Pin Cotter
58	723B245-G71	-	1	-	-	2	-	Interlock & Bracket Assy.
59	575A555-P1	-	1	-	-	2	-	Bracket
60	IC2956A200A	-	1	-	-	2	-	2 Norm. Open Interlock Block
	6960053-G3	-	1	-	-	2	-	Spring & Contact Kit
61	138A1105-G1	1	1	1	1	1	1	Link Assy, Int'l'k to Armature Lever

LIST NO. 7 - COMMON PARTS (cont.)

Ref. No.	Cat. No.	Qty.	Description
95	125A4281-P1	6	Retainer, Cont. Finger, Inner
96	125A4279-P1	24	Spacer, Cont. Finger
97	577A328-P1	12	Nut, Channel Tee (to assemble Arc Horn to Support)
98	981B132-P3	3	Support, lwr. Arc Horn, Outer
99	104B9901-G1	1	Support Assy., Stationary Cont. Tip, (Channel & Tips)
100	477C354-P4	3	Support, Stationary Cont. Tip, (Brass Casting Only)
101	125A5985-P1	3	Support, lwr. end of Upper Arc Horn
102	125A5985-P1	3	Support, lwr. end of Upper Arc Horn
103	162A2852-G1	2	Bearing & Plate Assy., Mov. Tip Shaft
104	162A2851-G1	2	Plate, Tip Shaft Bearing
105	162A2852-P3	2	Bearing, Tip Shaft
106	979B488-G1	1	Movable Contact Tip & Shaft Assy., For A-C contactor
106	979B488-G3	1	Movable Contact Tip & Shaft Assy., For D-C contactor
107	393B421-P1	1	Shaft only, Movable Contact Tip
108	979B488-G2	3	Support Assy., Movable Cont. Tip, Complete W/1 tip
109	125A5985-P1	3	Support, lwr. end of Upper Arc Horn
110	9385881-P1	3	Pin, Contact Tip Bracket Pivot
111	501 D127-P1	3	Support, Movable Contact Tip (Plastic Casting Only)
112	2416875	3	Spring, Contact Bracket, Compression
113	125A6099-P1	3	Bracket, Movable Cont. Tip (Rocker)
114	981B123-G1	1	Disconnect Assembly
115	728B129-P1	1	Support, Disconnect Block
116	125A4285-G1	4	Block, Disconnect
117	8617022-P1	12	Clamp, Disconnect Block Terminal Wire
118	104B9930-G1	3	Arc Chute Assembly
119	477C363-P1	6	Side, Arc Chute
120	104B9931-P1	129	Barrier, Arc (within Arc Chute)
122	9385870-P2	9	Spacer, Arc Barrier (.030" thick)
123	9385870-P3	3	Spacer, Arc Barrier (.125" thick)
124	125A4299-P1	4	Barrier (between Arc Chutes)
125	138A 1135-G1	4	Wheel, Caster
127	979B472-G2	1	Channel Assy., B.O. Coil & Pole Piece Supp. (W/4 Clips)
128	125A4291-P2	1	Stop, Contactor Positioning
129	125A4258-P2	2	Spacer, Electrical Interlock Support
130	125A6086-P1	1	Guard, Disconnect Finger (laminated)
131	125A6064-P1	1	Guard, Electrical Interlock
132	728B129-P2	1	Rub Strip
133	151A4428-P1	1	Ground Strap
134	161A7351-P1	1	Stud, Fuse Shelf Operating Lever
135	577A177-P1	2	Screw, Ground Strap Ret. 5/16-18x3/4, W/2 washers
136	162A2894-P1	4	Pin, Caster Wheel Mounting (threaded)
137	477C346-G1	1	Cam Mechanism Assy., Fuse Shelf Operating
138	981B127-G1	1	Side Rail Assy., (Right, W/ cam m'tg br'kt welded on)
139	979B459-G1	1	Bracket, Bearing, Cam Rear Support
140	125A5925-P1	1	Support, Interlock Block
141	979B464-G1	1	Cylindrical Cam Assy., W/Shaft
142	979B464-P2	1	Cylindrical Cam (Casting Only).
143	2229647-P83	1	Shaft, Cylindrical Cam
144	125A5926-G1	1	Sleeve Assy., Interlock Block Actuating
145	125A5901	1	Spring, Actuating Sleeve, Compression
146	125A5912-P1	1	Push Rod, Actuating Sleeve
147	125A5900-G2	1	Lever Assy., Fuse Shelf Operating, W/cam follower
148	125A5900-P4	1	Operating Lever (welded up assy.)
149	577A198-P1	1	Cam Follower, Operating Lever
150	125A5991-G1	1	Coupling Shaft & Stop Assy., Cam to Operating Handle
151	981B126-G1	1	Disc Assy., W/Handle
152	125A5974-P2	1	Shaft, Operating Handle
153	125A5980	1	Spring, Coupling Shaft Compression
154	981B126-P6	1	Disc, Compression Spring Retaining
155	151A7994-G1	1	Bearing, Operating Handle, Shaft
156	981B124-G1	1	Support Plate, Operating Handle
157	125A5982-P1	1	Indicator Dial, Handle Position
158	125A6073-P1	1	Cover, Indicator Dial
159	981B128-P1	1	Handle, Fuse Shelf Operating
160	125A5975-G1	1	Bracket, Fuse Shelf Lock Plate
161	981B169-G1	1	Lock Plate, Fuse Shelf
162	125A4297-P3	1	Spacer, Shelf Operating Lever to Cam Supp. Br'kt.

LIST NO. 8 - OTHER PARTS (cont.)

Ref. No.	Cat. No.	Qty for IC2812 & IC2814						Description
		-E120	-E121	-E130	-E131	-E140	-E141	
220	125A5985-P3	-	3	-	3	-	3	Shim, Armature Stop (qty. varies)
221	577A176-P2	30	26	30	26	30	26	Screw, 5/16-18x3/4, W/washer
222	981B120-P1	1	1	1	1	-	-	Side Frame, Right
223	981B120-P2	1	1	1	1	-	-	Side Frame, Left
224	981B120-P6	-	-	-	-	1	1	Side Frame, Right
225	981B120-P7	-	-	-	-	1	1	Side Frame, Left
226	104B9908-P1	-	1	-	1	-	1	Mounting Block, Arm. to Cont. Tip Shaft
227	104B9903-G1	-	1	-	1	-	1	Armature Assembly, D-C Contactor
228	104B9906-G3	-	1	-	1	-	1	Lever Assy., Elec. Int'l'k Actuating
229	577A203-P1	-	1	-	1	-	1	End Bearing Assembly
230	125A6090-G1	-	1	-	1	-	1	Link Assy., End Brg. to Armature
231	577A205-P1	-	2	-	2	-	2	Nut, End Brg. Positioning
232	125A6085-P2	-	1	-	1	-	1	Shim, Aramture to Coil Spacing
233	9397788-P3	-	2	-	2	-	2	Bearing, Armature Pivot Shaft
234	104B9938-G1	1	2	1	2	1	2	Support, A-C Armature to Cont. Tip Shaft
235	9348678-P7	1	-	1	-	1	-	Arm, Interlock Link Actuating
236	981B148-G1	1	-	1	-	1	-	Armature and Bracket Assembly, A-C Cont.
237	233B523-G2	1	-	1	-	1	-	Armature Assembly
238	284A964-P1	1	-	1	-	1	-	Fulcrum, A-C Armature
239	125A5907-P1	1	-	1	-	1	-	Bracket, A-C Armature
240	979B491-G1	1	-	1	-	1	-	Frame and Support Assy., A-C Magnet
241	979B490P4	1	-	1	-	1	-	Back Stop, Magnet, left
242	979B490-P5	1	-	1	-	1	-	Back Stop, Magnet, right
243	979B490-G1	1	-	1	-	1	-	Back Stop Assembly, front
244	9348650-P4	1	-	1	-	1	-	Yoke, Magnet Stop
245	9385863-P3	1	-	1	-	1	-	Stop, Magnet
246	233B523-G1	1	-	1	-	1	-	Frame Assembly, Magnet
247	284A962-P1	2	-	2	-	2	-	Pole Shader, Magnet
248	284A950-P1	2	-	2	-	2	-	Clamp, Magnet Frame Retaining
249	9644367-P1	2	-	2	-	2	-	Shim, Magnet Frame to Support (.030")
250	9644367-P2	2	-	2	-	2	-	Shim, Magnet Frame to Support (.010")
251	573A615-P1	2	-	2	-	2	-	Support, Coil Retaining Spring
252	284A967-P1	2	-	2	-	2	-	Spring, Coil Retaining
253	577A138-P7	2	-	2	-	2	-	Wire Clamp, Plastic, (large dia.)
254	577A138-P5	2	-	2	-	2	-	Wire Clamp, Plastic, (small dia.)
255	162A3103-P1	-	-	-	-	3	3	Support, Fuse & Cont. Finger Support
256	162A3103-P2	-	-	-	-	3	3	Support, Contact Finger

LIST NO. 9 - STANDARD HARDWARE

Ref. No.	Cat No.	Qty for IC2812 & IC2814						Description and Size
		-E120	-E121	-E130	-E131	-E140	-E141	
N1	N146P904B	42	42	42	42	42	42	Screw, Self-Tapp. Slot Hd. #4x1/4
N2	N22P25016E	54	56	54	56	45	47	Screw, Hex Hd. 3/8-16x1
N3	N22P23012B	-	6	-	6	-	6	Screw, Hex Hd. 5/16-18x3/4
N4	N245P25B	74	88	76	90	73	87	Nut, Hex, 3/8-16
N5	N405P 43B	158	168	158	168	143	153	Lockwasher, Medium Sec. 3/8 hole
N6	N405P42B	23	29	23	29	23	29	Lockwasher, Medium Sec. 5/16 hole
N7	N402P12B	18	34	18	34	18	34	Plain Washer, 5/16 hole
N8	N22P25012B	50	48	50	48	44	44	Screw, Hex Hd. 3/8-16x3/4
N9	N210P21B	13	16	13	16	13	16	Nut, Hex, 1/4-20
N10	N405P41B	57	57	47	47	33	33	Lockwasher, Medium Sec. 1/4 hole
N11	N403P37B	4	4	4	4	4	4	Lockwasher, External Tooth, 3/8 hole
N12	N402P43B	2	2	2	2	2	2	Plain Washer, 3/8 hole
N13	N402P41B	13	12	13	12	13	12	Plain Washer, 1/4 hole
N14	N57P15010B	3	1	3	1	3	1	Screw, Slot Hd. #8-32 x5/8
N15	N207P15B	2	-	2	-	2	-	Nut, Hex, #8-32 Brass
N16	N57P21008B	24	26	24	26	-	-	Screw, Slot Hd. 1/4-20x1/2
N17	N402P9B	6	6	8	8	6	6	Plain Washer, #10 hole, narrow
N18	N402P13B	35	31	37	33	35	31	Plain Washer, 3/8 hole
N19	N112P15008B	13	14	13	14	13	14	Screw, Self-Tapp. Slot Hd. #8x1/2

LIST NO. 9 - STANDARD HARDWARE (cont.)

Ref. No.	Cat. No.	Qty for IC2812 & IC2814						Description
		-E120	-E121	-E130	-E131	-E140	-E141	
N85	N210P16B	4	4	4	4	4	4	Nut, Hex #10-32
N86	119A4655P5	6	6	6	6	6	6	Screw, Slot Hd., Self Tapp. #8-18x5/8, W/Lockwasher
N87	N22P25010B	6	6	6	6	6	6	Screw, Hex Hd. 3/8-16x5/8
N88	N26P21008B	2	2	2	2	2	2	Screw, Slotted Hex Hd. 1/4-20x1/2

