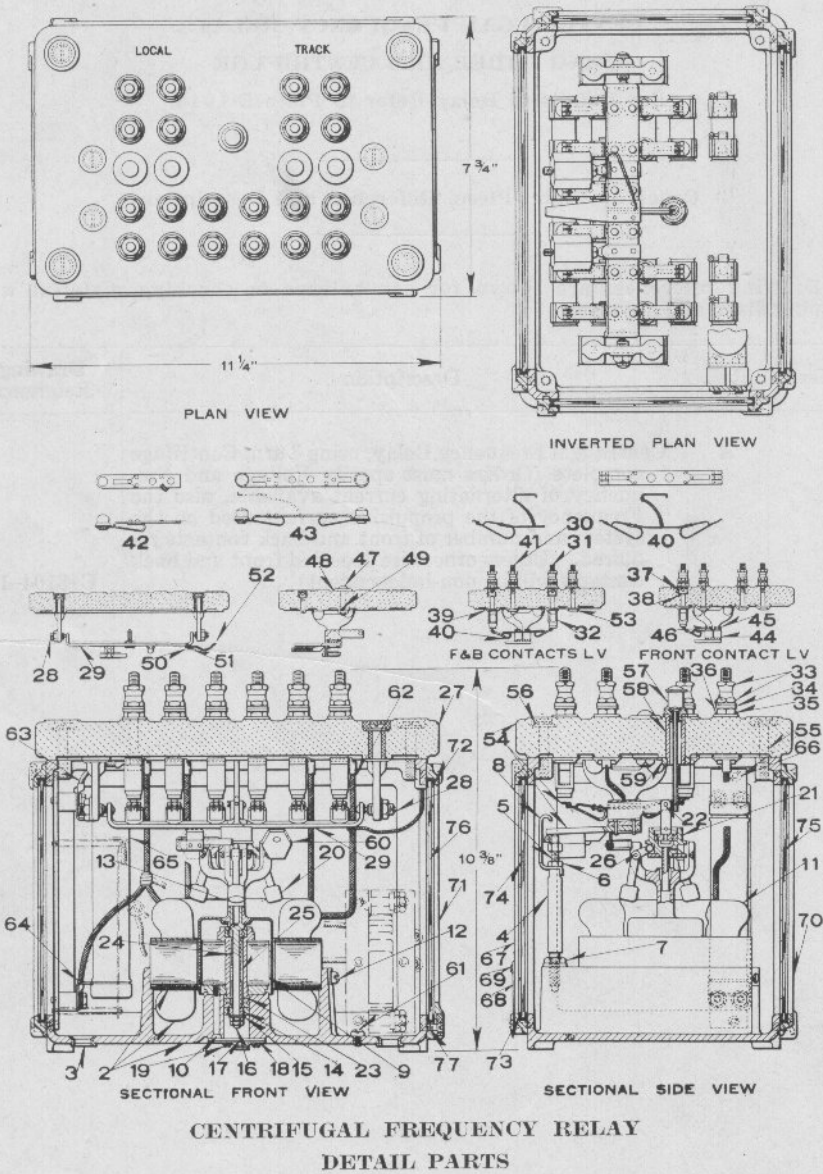


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CENTRIFUGAL FREQUENCY RELAY
 USING THREE ARM CENTRIFUGE
 DETAIL PARTS

(Continued)

For Ordering References of Complete Relay Refer to Plate E-1045

Order by Plate, Piece, Reference and Description

Drawing references are shown for convenience in checking material with shipping lists and invoices.

Piece	Ref.	Description	Drawing Reference
	2	Operating Mechanism complete with Case, Stator, Rotor Operating Nut, Arms and Core. (Orders must specify Voltage and Frequency of local winding, Specification number and Piece Number of Relay with which Mechanism is to be used).....	C-8104-13
90999	2a	Case only.....	C-8101-6
34340	3	Ventilators.....	C-7459-6
90973	4	Stud complete with screw and nuts. (Inc. 1-5, 1-6, 1-7).....	8114-528
48221	5	Screw only for 4.....	8098-866
26942	6	Nut for 4 and 29.....	8109-184
29103	7	Nut for 4.....	8109-194
49869	8	Stop.....	8735-372
90971	9	Core complete.....	8101-258

Zachary C. Gillihan 2008

UNION SWITCH & SIGNAL CO.

CENTRIFUGAL FREQUENCY RELAY USING THREE ARM CENTRIFUGE DETAIL PARTS

(Continued)

For Ordering References of Complete Relay Refer to Plate E-1045

Order by Plate, Piece, Reference and Description

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Piece	Ref.	Description	Drawing Reference
	10	Machine Screw No. 10-30 x 1 $\frac{1}{8}$ " Flat Hd. S. (Cd. Pl.)..	
120616	11	Stator complete, for 2	C-8101-8
		Orders must specify Voltage and Frequency of local winding, Specification Number and Piece Number of Relay with which Stator is to be used.	
66535	12	Screw only	8098-1341
119523	13	Rotor, complete	C-8101-13
	14	Fafnir .094" Bearing per Spec. 1112.	
5511	15	Washer	7828-2
48193	16	Nut	8265-150
90972	17	Gasket	8078-1317
88191	18	Disc	10933-26
48215	19	Screw	8098-867
119273	20	Arm complete	C-8101-13
119524	21	Operating Nut complete	C-8101-13
48218	22	Pin	8097-652
70004	23	Separators	8072-556
124179	24	Separators	8350-461
124177	25	Spring	7770-394
65588	26	Pin	8097-852
121014	27	Top Plate complete with Contact Bar Brackets	C-9008-1
117995	27a	Top Plate only	C-8101-11

UNION SWITCH & SIGNAL CO.
Zachary C. Gillihan 2008
 CENTRIFUGAL FREQUENCY RELAY
 USING THREE ARM CENTRIFUGE
 DETAIL PARTS
 (Continued)

For Ordering References of Complete Relay Refer to Plate E-1045

Order by Plate, Piece, Reference and Description

Drawing references are shown for convenience in checking material with shipping lists and invoices.

Piece	Ref.	Description	Drawing Reference
116275	28	Trunnions complete with Nut.....	12471-5
120657	29	Contacts Spring Support complete.....	C-8101-13
	30	Terminal Post complete with Nuts, Washers and Lock Washers.....	12451
118271	30a	Terminal Post only for 30 and 31.....	8094-1192
	31	Terminal Post complete with Nuts, Washers, Lock Washers and Terminal Post Ref. 32.....	12451
112419	32	Terminal Post complete for 31.....	8094-1193
29101	33	Nut for 30 and 31.....	8109-193
29102	34	Washer for 30 and 31.....	7828-139
29103	35	Nut for 30 and 31.....	8109-194
69705	36	Washer for 30 and 31.....	7828-287
69706	37	Nut for 30 and 31.....	8109-383
70539	38	Washers.....	8274-73
29063	39	Lock Washer.....	8486-111
88944	40	Contact Springs complete (F & B) L. V.....	8385-1659
88945	41	Contact Spring complete (Front) L. V.....	8385-1659
69709	42	Contact Spring complete (Front) H. V.....	8385-1059
69708	43	Contact Spring complete (F & B) H. V.....	8385-1058
22621	44	Stud.....	8095-199
19409	45	Nut Lock.....	8486-68
1515	46	Nut.....	8109-23

UNION SWITCH & SIGNAL CO.
Zachary C. Gillihan 2008
 CENTRIFUGAL FREQUENCY RELAY
 USING THREE ARM CENTRIFUGE
 DETAIL PARTS
 (Continued)

For Ordering References of Complete Relay Refer to Plate E-1045

Order by Plate, Piece, Reference and Description

Drawing references are shown for convenience in checking material with shipping lists and invoices.

Piece	Ref.	Description	Drawing Reference
94436	47	Dummy Post complete with 1-35, 1-48 and 1-49	12471-3
36088	48	Cup Washer	7826-136
29104	49	Washer	7828-138
	50	Machine Screw No. 6-40 x $\frac{1}{4}$ " Rd. Hd. Br. (Nickel Plated).	
20686	51	Washer	7828-108
124180	52	Connector	10934-107
121616	53	Lock Washers	8486-362
121015	54	Contact Spring Combination complete with Top Plate, 6 Front and 3 Back (L.V.) Contacts and 3 Local Terminals	C-9008-2
123548	54a	Contact Spring Combination complete with Top Plate, 6 Front and 0 Back (H.V.) Contacts and 2 Local Terminals	C-9008-2
123555	54b	Contact Spring Combination complete with Top Plate, 4 Front and 2 Back (L.V.) Contacts and 2 Local Terminals	C-9008-2
125066	54c	Contact Spring Combination complete with Top Plate, 4 Front and 4 Back (H.V.) Contacts and 2 Local Terminals	C-9008-2
128699	54d	Contact Spring Combination complete with Top Plate, 6 Front and 2 Back (H.V.) Contacts and 2 Local Terminals	C-9008-2
129360	54e	Contact Spring Combination complete with Top Plate, 4 Front and 4 Back (L.V.) Contacts and 2 Local Terminals	C-9008-2

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PLATE E-1046

UNION SWITCH & SIGNAL CO.

CENTRIFUGAL FREQUENCY RELAY USING THREE ARM CENTRIFUGE DETAIL PARTS (Continued)

For Ordering References of Complete Relay Refer to Plate E-1045

Order by Plate, Piece, Reference and Description

Drawing references are shown for convenience in checking material with shipping lists and invoices.

Peice	Ref.	Description	Drawing Reference
133561	54f	Contact Spring Combination complete with Top Plate, 6 Front and 2 Back (L.V.) Contacts and 2 Local Terminals.....	C-9008-2
133768	54g	Contact Spring Combination complete with 4 Front and 2 Back (H.V.) Contacts and 2 Local Terminals..	C-9008-2
	55	Machine Screw No. 14-24 x 1½" Flat. Hd. S. (Cad. Pl.)	
84108	56	Washer for 55.....	7826-249
121029	57	Oiler complete.....	C-8101-3
121026	58	Bushing.....	8350-606
12526	59	Nut.....	8109-106
123910	60	Counterweight.....	9672-162
	61	Machine Screw No. 14-24 x ¼" Fil. Hd. S. (Cad. Pl.) for plugging holes when transformer is not used.	
122308	62	Terminal.....	8244-113
120615	63	Lead complete.....	B-9990-8
34793	64	Terminal.....	8244-52
121034	65	Resistor complete 300 ohms.....	9065-66
120612	65a	Resistor complete 7½ ohms.....	9065-66
	66	Machine Screw No. 8-36 x ⅜" Flat Hd. S. (Cad. Pl.)	
69359	67	Door (Front).....	C-8101-7
69828	68	Name Plate.....	8225-208
	69	Machine Screw No. 6-40 x ⅜" Rd. Hd. Br. (Nickel Plated).	

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CENTRIFUGAL FREQUENCY RELAY
USING THREE ARM CENTRIFUGE
DETAIL PARTS

(Continued)

For Ordering References of Complete Relay Refer to Plate E-1045

Order by Plate, Piece, Reference and Description

Drawing references are shown for convenience in checking material with shipping lists and invoices.

Piece	Ref.	Description	Drawing Reference
91075	70	Door (Rear).....	C-8101-7
91076	71	Door (End).....	C-8101-7
70823	72	Gasket.....	8078-1268
90947	73	Gasket.....	8078-1268
86390	74	Shield (Front).....	8163-255
86391	75	Shield (Rear).....	8163-255
86392	76	Shield (End).....	8163-255
	77	Machine Screw No. 10-30 x $\frac{5}{8}$ " Flat Hd. S. (Cad. Pl.)	
121036	78	Condenser complete.....	C-8814-20
	79	Reactor complete, (Specify Voltage and Frequency also Piece Number of the Relay with which Reactor is to be used).....	C-8025-4
	80	Relay Transformer, complete (Specify Voltage and Frequency, also Piece Number of the Relay with which Transformer is to be used).....	C-8605-4