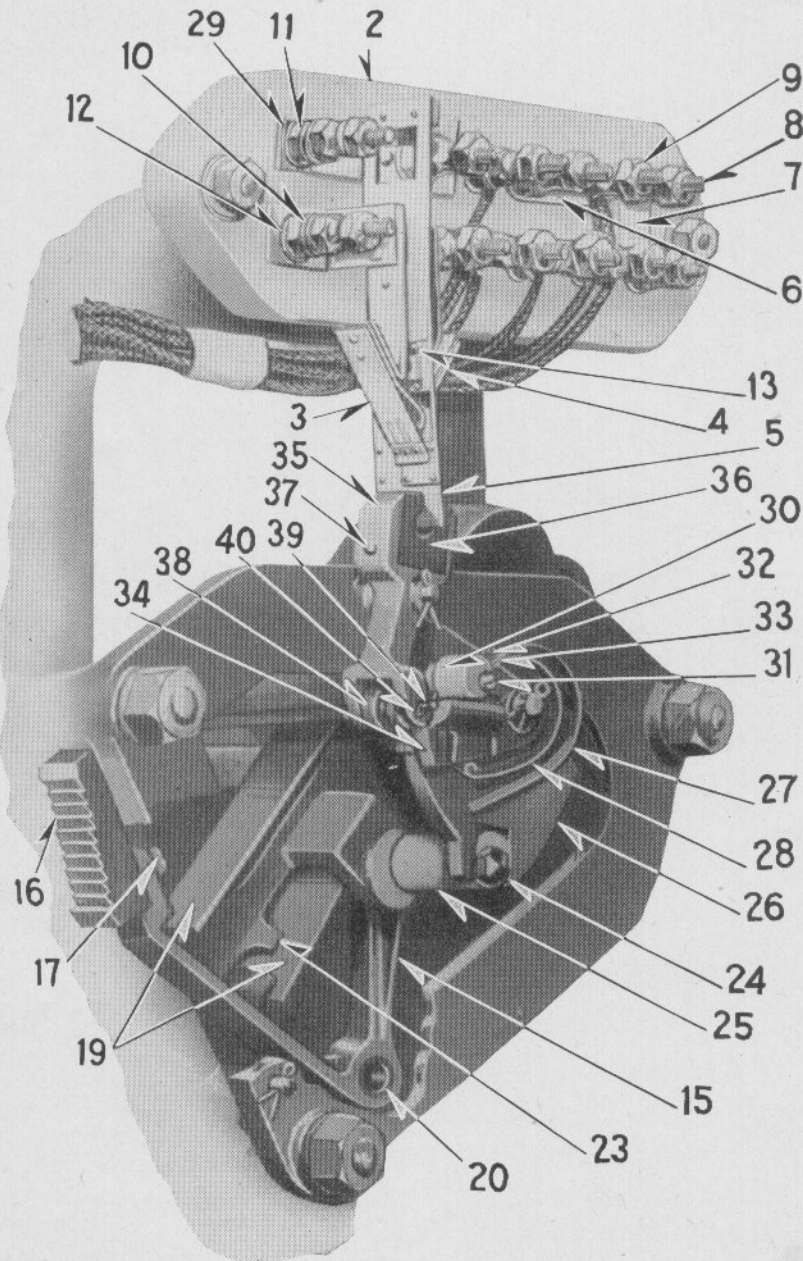


UNION SWITCH & SIGNAL CO.



CIRCUIT CONTROLLER AND OPERATING ARM DETAILS  
STYLE "DW" AUTOMATIC FLAGMAN MECHANISM (D-C.)

UNION SWITCH & SIGNAL CO.

CIRCUIT CONTROLLER AND OPERATING ARM DETAILS  
 STYLE "DW" AUTOMATIC FLAGMAN MECHANISM (D-C.)

Order by Plate, Piece, Reference and Abbreviated Description Given in  
 Heavy Face Type Only.

Piece	Ref.	Description	Drawing Reference
136197	2	Porcelain Terminal and Contact Spring Board (includes Refs. 2c to 8).....	C-8885-9
136211	2a	Porcelain Terminal and Contact Spring Board with Spacers and Washers for attaching to existing Mechanism.....	C-8885-9
136251	2b	Porcelain Terminal and Contact Spring Board with Spacers and Washers for attaching to existing Mechanism (without Contact Springs and Terminal Posts).....	C-8885-9
136196	2c	Porcelain Terminal and Contact Spring Board only for Refs. 2, 2a and 2b.....	C-8885-9
74768	3	Contact Spring (L. H.).....	8385-1653
74769	4	Contact Spring (R. H.).....	8385-1653
131430	5	Contact Spring (middle).....	8385-1655
47290	6	Terminal Connector.....	8064-305
65352	7	Terminal Connector.....	8064-461
	8	Terminal Post (includes Refs. 8a to 12 and 29).....	12451
118294	8a	Terminal Post only for Ref. 8.....	8094-1192
29101	9	Nut for Ref. 8.....	8109-193
29102	10	Washer for Ref. 8.....	7828-139
29103	11	Nut for Ref. 8.....	8109-194
29104	12	Washer (lower) for Ref. 8.....	7828-138
61537	13	Arcing Contact Tip for Ref. 5.....	8341-358

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CIRCUIT CONTROLLER AND OPERATING ARM DETAILS  
 STYLE "DW" AUTOMATIC FLAGMAN MECHANISM (D-C.)  
 (Continued)

Order by Plate, Piece, Reference and Abbreviated Description Given in  
 Heavy Face Type Only.

Piece	Ref.	Description	Drawing Reference
74359	14	Contact Spring with Arcing Tip (not shown) for Refs. 3 and 4.....	8385-1529
77855	15	Operating Arm on main shaft (includes Refs. 15a to 22).....	C-8885-2
111677	15a	Operating Arm with bushing Ref. 20.....	C-8885-2
74326	16	Segment.....	C-8885-2
	17	Cap Screw, 1/4"x1/2" Hex. Hd. St. (Cad. Pl.) for fastening Ref. 16 to Ref. 15a.	
67718	18	Lock Washer for Ref. 17 (not shown).....	8486-248
74366	19	Spring.....	8735-507
74040	20	Bushing.....	8350-599
	21	Cap Screw, 1/4"x7/8" Hex. Hd. (Cad. Pl.) (not shown) for fastening Ref. 19 to Ref. 15.	
79255	22	Lock Washer for Ref. 21 (not shown).....	8486-70
74094	23	Driving Arm on main shaft.....	C-8885-2
80455	24	Screw for Ref. 25.....	8190-344
74103	25	Roller.....	8072-538
117875	26	Main Cam (includes Refs. 26a, 27, 28, 30, 31, 32 and 33).....	C-8885-8
117874	26a	Main Cam only.....	C-8885-8
130853	27	Spring (top).....	8735-613
117867	28	Spring (lower).....	8735-585

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CIRCUIT CONTROLLER AND OPERATING ARM DETAILS  
 STYLE "DW" AUTOMATIC FLAGMAN MECHANISM (D-C.)  
 (Continued)

Order by Plate, Piece, Reference and Abbreviated Description Given in Heavy Face Type Only.

Piece	Ref.	Description	Drawing Reference
	29	Plain Lock Washer, 1/4" S. (1/8"x1/16") for Ref. 8.	
75106	30	Bushing .....	8072-584
	31	Mach. Screw No. 10-30x3/4" Fil. Hd.	
48554	32	Screw .....	8098-464
74573	33	Lock Washer .....	8486-197
77995	34	Auxiliary Cam (small) with rivets and fibre pads .....	C-8885-4
74095	35	Spring Shifter (includes Refs. 35a to 40) .....	C-8885-4
74134	35a	Spring Shifter only .....	C-8885-4
53097	36	Contact Spring Block for Spring shifter Ref. 35 .....	9968-320
	37	Rivet, 1/8"x1 3/8" Rd. Hd. I. (Cad. Pl.)	
74135	38	Roller .....	8350-597
33786	39	Pin .....	8097-211
	40	Cotter, 1/16"x3/8" S. (Cad. Pl.)	