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SLOT MAGNET DETAILS  
STYLE "DW" AUTOMATIC FLAGMAN MECHANISM (D-C.)

UNION SWITCH & SIGNAL CO.

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

Piece	Ref.	Description	Drawing Reference
79226	A	Slot Magnet Assembly, 1000 ohms (includes Refs. 2-3 to 22) for 10-Volt operation.....	B-12438-14
113619	Aa	Slot Magnet Assembly, 670 ohms (includes Refs. 2a to 22) for 8-Volt Operation.....	B-12438-14
75350	2	Magnet Coil (500 ohms per coil) for Ref. A.....	8133-311
113618	2a	Magnet Coil (335 ohms per coil) for Ref. Aa.....	8133-311
74928	3	Bracket (includes cores Ref. 34 and pins Ref. 35)...	8075-200
75251	3a	Bracket (casting) only.....	8075-200
75299	4	Back Strap with washers and rivets.....	8162-194
51610	5	Nut for fastening back strap to magnet core Ref. 34	8265-161
74924	6	Armature Bar (includes armature riveted to supporting casting).....	8130-286
79988	7	Screw for Ref. 6.....	8098-1147
19409	8	Lock Washer for Ref. 7.....	8486-68
26942	9	Nut for Refs. 7 and 8.....	8109-184
74926	10	Restoring Arm.....	C-8885-5
77994	11	Pin, $\frac{1}{4}$ " x $3\frac{1}{8}$ " for holding Refs. 6 and 10.....	B-10203-1
	12	Cotter, $\frac{1}{16}$ " x $\frac{5}{8}$ " (Cad. Pl.) for Refs. 11, 14 and 15.	
74922	13	Link for connecting Ref. 16 to Ref. 6.....	11893-21
74925	14	Pin, $\frac{1}{4}$ " x $1\frac{1}{4}$ " (not shown) for connecting Refs. 13 and 18 to Ref. 6.....	B-10203-1
74921	15	Pin, $\frac{1}{4}$ " x $1\frac{3}{16}$ " for connecting Refs. 16, 22 and 13...	B-10203-1

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Piece	Ref.	Description	Drawing Reference
74920	16	Link for connecting Ref. 13 to pin, Ref. 15, Plate K-9	11893-24
60172	17	Washer (not shown) for Ref. 14.....	7828-218
70121	18	Spring.....	8735-506
74923	19	Spring Stop.....	11893-20
34029	20	Pin for fastening Ref. 19 to Ref. 13.....	8097-174
	21	Cotter, $\frac{1}{16}$ "x $\frac{1}{2}$ " for Ref. 20.	
98365	22	Pawl with insert and bushing (includes Refs. 22a to 25).....	9121-93
98364	22a	Pawl only.....	9121-93
78846	23	Pawl Insert (For use with Magnets shipped Prev. to July 1, 1923).....	9121-88
120413	23a	Pawl Insert (For use with Magnets shipped after 7-1-23).....	9121-88
	24	Machine Screw, No. 8-36x $\frac{3}{8}$ " Flat Hd. St. (not shown) for fastening insert Ref. 23 to Pawl, Ref. 22a.	
61373	25	Bushing.....	8095-527
136140	26	Latch Circuit Controller, for Automatic Flagman with one normally closed contact.....	9968-730
136141	26a	Latch Circuit Controller, for Automatic Flagman with one normal and one reverse Contact.....	9968-731
136342	26b	Terminal Porcelain Board only for Refs. 26 and 26a	9968-729
98359	27	Contact Spring, with terminal post for Refs. 26 and 26a.....	8385-1868

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Piece	Ref.	Description	Drawing Reference
127805	27a	Contact Spring, with terminal post for Ref. 26a.....	8385-1957
98356	28	Contact Spring, with terminal post for Ref. 26.....	8385-1867
127806	28a	Contact Spring, with terminal post for Ref. 26a.....	8385-1956
	29	Machine Screw, No. 14-24x $\frac{5}{8}$ " Fil. Hd. Br. (not shown) for fastening Refs. 27, 27a, 28 and 28a to Ref. 26b.	
29101	30	Nut for Refs. 27, 27a, 28 and 28a.....	8109-193
29102	31	Washer for Refs. 27, 27a, 28 and 28a.....	7828-139
73772	32	Washer (not shown) for Refs. 29 and 33.....	7826-180
	33	Mach. Screw No. 14-24x $\frac{7}{8}$ " Fil. Hd. S. (Cad. Pl.) (not shown) for fastening Refs. 26 and 26a to frame	
75252	34	Magnet Core.....	8101-256
37409	35	Pin (not shown) for securing core Ref. 34 to bracket Ref. 3.....	8097-336