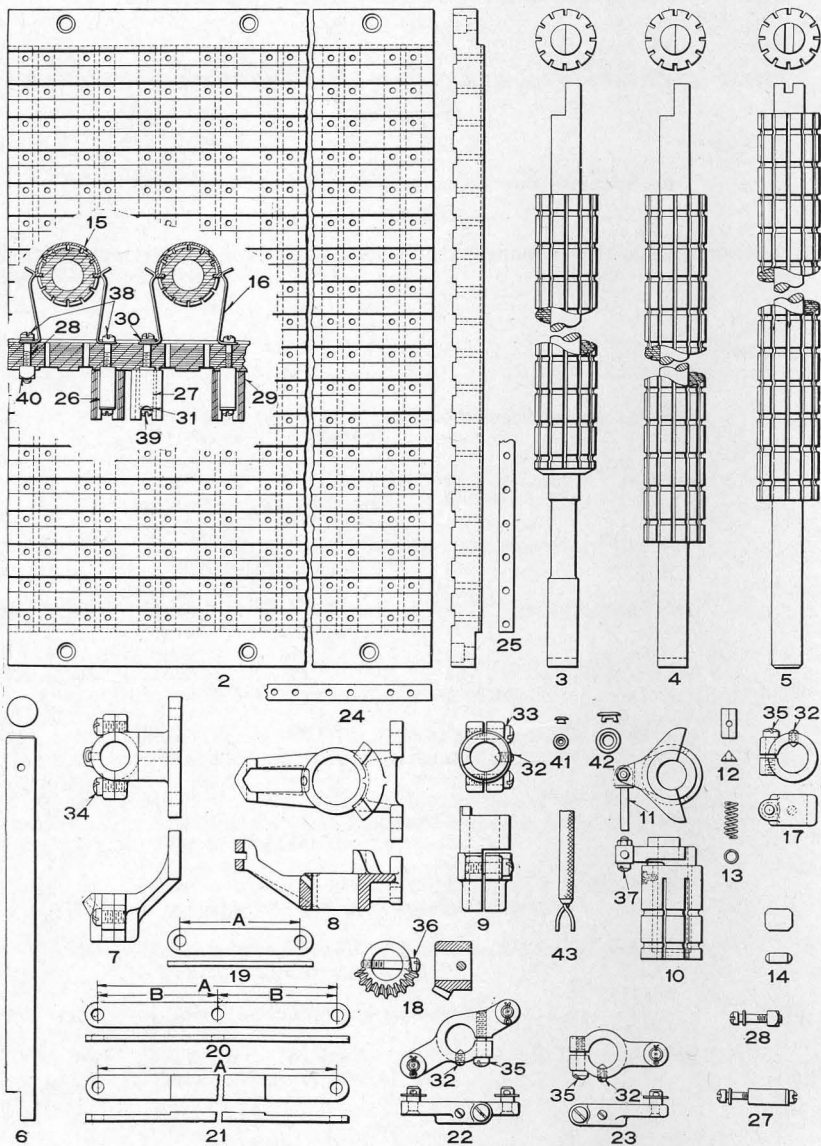


UNION SWITCH & SIGNAL CO.



COMBINATION PLATE, ROLLERS, QUICK SWITCH, COUPLINGS, ETC.

UNION SWITCH & SIGNAL CO.

MODEL 14 POWER INTERLOCKING MACHINE
DETAIL PARTS

COMBINATION PLATE, ROLLERS, QUICK SWITCH, COUPLINGS, ETC.

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
48647	2	Combination Plate.....	C-8165-1
54386	3	Contact Roller and Shaft complete, upper half, for switch lever.....	8435-122
55638	4	Contact Roller and Shaft complete, upper half, for signal lever.....	8435-128
54383	5	Contact Roller and Shaft, complete, lower half, for switch or signal lever.....	8435-123
54369	6	Extension Shaft, for combination rollers.....	C-8617-9
87332	6a	Extension Shaft, for combination rollers with Segment and Mach. Screw (1-6, 1-18, 1-36).....	C-8617-9
70205	7	Bearing and Cap with two No. 12-28 x $\frac{1}{2}$ " Fil. Hd. Mach. Screws 34 for signal lever contact roller.....	C-8617-9
54364	8	Circuit Shifter Bracket for switch lever.....	C-8617-9
70206	9	Clamp Coupling with one No. 10-30 x $\frac{5}{16}$ " Set Screw and two No. 12-28 x $\frac{3}{4}$ " Fil. Hd. Mach. Screws 33, for switch lever contact roller.....	12565-7
70204	10	Quick Switch Roller with spring guide 11, and one No. 6-40 x $\frac{1}{2}$ " Fil. Hd. Mach. Screws and Hex. Nut 37....	C-8617-9
4679	11	Spring Guide only, for quick switch roller 10.....	C-5860-5
4680	12	Pivot for spring guide 11.....	C-5860-5
5453	13	Coil Spring, for quick switch.....	7770-90
58977	14	Key, for fastening upper and lower half of contact rollers together.....	9673-64
	15	Contact Band, for contact rollers. (Order from Plate A-2017).	

UNION SWITCH & SIGNAL CO.

MODEL 14 POWER INTERLOCKING MACHINE
DETAIL PARTSCOMBINATION PLATE, ROLLERS, QUICK SWITCH, COUPLINGS, ETC.
(Continued)

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Piece	Ref.	Description	Drawing Reference
	16	Contact Spring, for combination plate. (Order from Plate A-2017).	
70203	17	Coupling, complete for Vertical Shaft, with one No. 10-30 x $\frac{5}{16}$ " Set Screw, 32 and one No. 10-30 x $\frac{3}{4}$ " Fil. Hd Mach. Screw, 35 for contact rollers	12565-3
75525	18	Segment for extension shaft	8424-169
54418	19	*Link, for connecting two contact rollers, "A" dimension $2\frac{1}{2}$ ", for one space	C-8617-9
54417	20	*Link, for connecting three contact rollers, "A" dimension 5", "B" dimension $2\frac{1}{2}$ " for one space each	C-8617-9
92563	21	*Link, for connecting two contact rollers, "A" dimension 15" for six spaces	C-8617-9
70252	22	Double Arm with studs, washers and two $\frac{1}{16}$ " x $\frac{5}{8}$ " cotters, one No. 10-30 x $\frac{5}{16}$ " set screw, 30 and one No. 10-30 x $\frac{3}{4}$ " Mach. Screw 35	8192-251
70251	23	Single Arm with stud, washer and one $\frac{1}{16}$ " x $\frac{5}{8}$ " cotter, one 10-30 x $\frac{5}{16}$ " set screw 30, one No. 10-30 x $\frac{3}{4}$ " Fil. Hd. Mach. Screw 35 for connecting contact rollers together	8192-262
41051	24	Horizontal Flexible Terminal Connecting Strip. Specify length when ordering	8762-68
41052	25	Vertical Flexible Terminal Connecting Strip. Specify length when ordering	8762-69
		*NOTE:—Link, 19 is for lengths under 15" and link 21 for lengths 15" and over. For each additional space add $2\frac{1}{2}$ " to "A" or "B" dimension on 19, 20 and 21.	

UNION SWITCH & SIGNAL CO.

MODEL 14 POWER INTERLOCKING MACHINE
DETAIL PARTS

COMBINATION PLATE, ROLLERS, QUICK SWITCH, COUPLINGS, ETC.
(Continued)

Order by Plate, Piece, Reference and Description

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Piece	Ref.	Description	Drawing Reference
81261	26	Terminal Post, with one washer, 31, one No. 6-40 x $\frac{7}{8}$ " and one No. 6-40 x $\frac{3}{8}$ " Fil. Hd. Mach. Screws, 37 and 39 complete.	12451-1
81262	27	Terminal Post, with one washer 31, one washer 30, one No. 6-40 x $\frac{7}{8}$ " and one No. 6-40 x $\frac{3}{8}$ " Fil. Hd. Mach. Screws 37 and 39, complete.	12451-1
81260	28	Terminal Post with Sq. Nut 40 and Washer 30 complete	12451-1
18259	28a	Terminal Post with Sq. Nut 40, complete.	12451-1
51370	29	Fibre Bushing, for Terminal Posts 26 and 27.	8095-479
49031	30	Washer, for Mach. Screw 37.	7828-214
20686	31	Washer for Mach. Screw 37.	7828-108
3184	32	Set Screw No. 10-30 x $\frac{5}{16}$ " for Couplings and Arms 9, 17, 22 and 23.	8098-41
	33	Mach. Screw, Fil. Hd. S. No. 12-28 x $\frac{3}{4}$ " for Couplings 9, also for fastening Bearings 7 and 8 to intermediate rail.	
	34	Mach. Screw, Fil. Hd. S. No. 12-28 x $\frac{1}{2}$ " for fastening Combination Plate, 2 to rails; also for Bearing 7.	
6562	35	Mach. Screw, Fil. Hd. No. 10-30 x $\frac{3}{4}$ " for Coupling 17 and Arms 22 and 23.	8098-129
5941	36	Mach. Screw, Fil. Hd. No. 8-36 x 1", for Segment 18. . .	8098-133
5942	37	Mach. Screw, Fil. Hd. No. 6-40 x $\frac{1}{2}$ " and Hex. Nut only for quick switch roller, 10.	8098-132
48958	37a	Square Terminal Post only	8094-899
49871	38	Mach. Screw, Fil. Hd. No. 6-40 x $\frac{7}{8}$ " for Terminal Post 26.	8098-881

UNION SWITCH & SIGNAL CO.

MODEL 14 POWER INTERLOCKING MACHINE
DETAIL PARTS

COMBINATION PLATE, ROLLERS, QUICK SWITCH COUPLINGS, ETC.
(Continued)

Order by Plate, Piece, Reference and Description

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Piece	Ref.	Description	Drawing Reference
48960	39	Mach. Screw only, Fil. Hd. No. 6-40 x $\frac{3}{8}$ " for Terminal Post 26 and 27.....	8098-881
61147	40	Nut for Terminal Posts 28 and 28a.....	8109-346
45301	41	Eyelet Terminal for Connecting Wires on Combination Board.....	8064-299
45304	42	Eyelet Terminal for Connecting Wires from Bus Bars..	8064-299
	43	Wire No. 18 B. & S. Gauge spec. 535 for use in wiring Model 14 Power Interlocking Machine.	