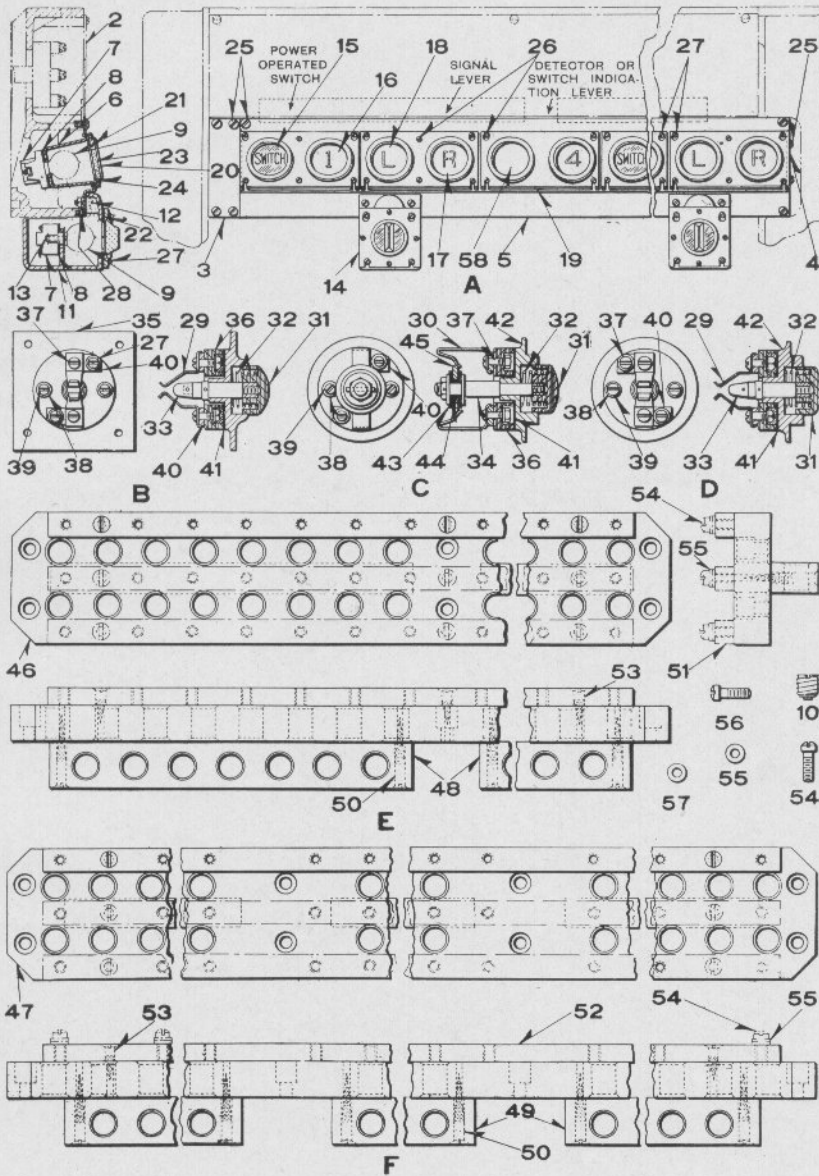


PLATE A-1012

UNION SWITCH & SIGNAL CO.



ILLUMINATED INDICATORS, TERMINAL BOARDS, ETC.

UNION SWITCH & SIGNAL CO.

STYLE "S-8" ELECTRO-MECHANICAL INTERLOCKING
MACHINE DETAIL PARTS

ILLUMINATED INDICATORS, TERMINAL BOARDS, ETC.

Unless Otherwise Specified All Indicators Will be Equipped with 12-Volt, 1¼-Watt Candelabra Base Lamps. Indicator Lights Will be Equipped with Green Glass and Flashlights with Red Glass

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

Piece	Ref.	Description	Drawing Reference
	A	Illuminated Indicator , for 4-lever section, complete with two indicator lights and one flashlight for each lever, with L. H. finish plate and lamps. (Order should specify number of switch and signal levers to be equipped, and should also specify the numbering and lettering for each).....	C-9029-1
	Aa	Illuminated Indicator , for 4-lever section, complete with two indicator lights for each lever, with L. H. finish plate and lamps. (Order should specify number of switch and signal levers to be equipped, and should also specify the numbering and lettering for each).....	C-9029-3
	Ab	Illuminated Indicator , for 8-lever section, complete with two indicator lights and one flashlight for each lever, with L. H. finish plate and lamps. (Order should specify number of switch and signal levers to be equipped and should also specify the numbering and lettering for each).....	C-9029-1
	Ac	Illuminated Indicator , for 8-lever section, complete with two indicator lights for each lever, with L. H. finish plate and lamps. (Order should specify number of switch and signal levers to be equipped and should also specify the numbering and lettering for each).....	C-9029-3
	Ad	2-Way Indicator Cover for switch lever, complete with light cups, lamp sockets, lamps, cover, retaining plates, glasses, number plates and screws. (Specify numbering and lettering).....	C-9029-3
	Ae	2-Way Indicator Cover for Signal Lever, complete with light cups, lamp sockets, lamps, cover, retaining plate, glasses and screws. Plates lettered "L" and "R".....	C-9029-3

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PLATE A-1012

UNION SWITCH & SIGNAL CO.

STYLE "S-8" ELECTRO-MECHANICAL INTERLOCKING MACHINE DETAIL PARTS (Continued)

ILLUMINATED INDICATORS, TERMINAL BOARDS, ETC.

Unless Otherwise Specified All Indicators Will be Equipped with 12-Volt, 1¼-Watt Candelabra Base Lamps. Indicator Lights Will be Equipped with Green Glass and Flashlights with Red Glass

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

Piece	Ref.	Description	Drawing Reference
	Af	1-Way Flashlight Indicator, complete with light box, lamp socket, lamp, red lens and screws.....	C-9029-1
	Ag	Light Cup, complete with lamp socket and lamp. (For maintenance).	
80840	B	Non-Stick Push Button, complete with one normally open contact for use in Flashlight Space.....	B-9918-18
126914	C	Non-Stick Push Button, complete with one normally closed contact for use in R. or L. Light Space.....	B-9918-21
70230	D	Non-Stick Push Button, complete with one normally open contact for use in R. or L. Light Space.....	B-9918-16
122248	E	Terminal Board for 4-lever section of machine, complete with one terminal strip and wire guide. (Without Terminal Screws and Washers).....	C-2676-45
120541	F	Terminal Board for 8-lever section of machine, complete with one terminal strip only and wire guide. (Without Terminal Screws and Washers).....	C-2676-44
129157	2	Top Front Cover for 4-lever section.....	C-8577-228
129129	2a	Top Front Cover for 4-lever section. (Used on large machines having a 4-lever section on R. H. End)...	C-8577-200
129128	2b	Top Front Cover for 8-lever section or for any larger machine having an 8-lever section on L. H. End....	C-8577-227
129127	2c	Top Front Cover for 8-lever section. (Used on large machines having an 8-lever section on R. H. End)...	C-8577-227

UNION SWITCH & SIGNAL CO.

STYLE "S-8" ELECTRO-MECHANICAL INTERLOCKING
MACHINE DETAIL PARTS

(Continued)

ILLUMINATED INDICATORS, TERMINAL BOARDS, ETC.

Unless Otherwise Specified All Indicators Will be Equipped with 12-Volt, 1¼-Watt Candelabra Base Lamps. Indicator Lights Will be Equipped with Green Glass and Flashlights with Red Glass

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

Piece	Ref.	Description	Drawing Reference
120554	3	L. H. Finish Plate, (Used only on Machines having Indicator Lights).....	C-8577-170
121945	4	R. H. Finish Plate, (Used only on Machines having Indicator Lights).....	C-8577-170
122297	5	Bottom Front Cover for 4-lever section. (When Indicator Lights are used).....	C-8577-190
129156	5a	Bottom Front Cover for 4-lever section. (When no Indicator Lights are used).....	C-8577-228
124472	5b	Bottom Front Cover for 4-lever section used on large machines having a 4-lever section on R. H. End. (When no Indicator Lights are used).....	C-8577-190
120531	5c	Bottom Front Cover for all machines having an 8-lever section. (When Indicator Lights are used)...	C-8577-171
129126	5d	Bottom Front Cover for 8-lever section or for any larger machine having an 8-lever section on L. H. End. (When no Indicator lights are used).....	C-8577-227
124398	5e	Bottom Front Cover for 8-lever section. (When no Indicator Lights are used) for large machines having an 8-lever section on R. H. End.....	C-8577-196
54035	6	Cup only for Indication Light.....	C-8617-3
	7	Candelabra Lamp Socket, complete with screws.	
56396	8	Gasket used between Refs. 6 and 7.....	8078-1026
95679	9	Candelabra Tungsten Lamp, 12 volts, 1¼ Watt for use where 12 volts is available.....	B-12409-11

Zachary C. Gillihan 2008

PLATE A-1012

UNION SWITCH & SIGNAL CO.

STYLE "S-8" ELECTRO-MECHANICAL INTERLOCKING MACHINE DETAIL PARTS (Continued)

ILLUMINATED INDICATORS, TERMINAL BOARDS, ETC.

Unless Otherwise Specified All Indicators Will be Equipped with 12-Volt, 11/4-Watt Candelabra Base Lamps. Indicator Lights Will be Equipped with Green Glass and Flashlights with Red Glass

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

Piece	Ref.	Description	Drawing Reference
120226	9a	Miniature Tungsten Lamp, 18-24 volts. (Used with adapter Ref. 10).....	B-12409-11
	10	No. 391 Candelabra to Miniature Adapter.	
125338	11	Box only for Flashlight.....	C-9029-2
	12	Machine Screw No. 10-30x5/8" Rd. Hd. Br. with No. 10 Plain Lock Washer (1/8"x3/64") and Hex. Nut Ref. 12b for attaching Flashlight Indicator to unit.	
	12a	Machine Screw No. 10-30x5/8" Rd. Hd. Br. for Ref. 12.	
26545	12b	Hex. Nut for Ref. 12.....	8109-181
	13	Machine Screw No. 6-40x5/8" Rd. Hd. Br. for attaching Ref. 7 to Ref. 11.	
84421	14	Flashlight Cover with Red Lens, complete.....	C-8617-29
	14a	Red Lens for Flashlight.	
53071	15	Pot Green Glass Disc with word "Switch".....	8286-63
64768	15a	Pot Green Glass Disc with word "Traffic".....	8286-76
64767	15b	Pot Green Glass Disc with word "Bridge".....	8286-75
64766	15c	Pot Green Glass Disc with word "Battery".....	8286-74
24847	16	Aluminum Disc with number cut out. Specify number required.....	B-8286-3
52764	17	Aluminum Disc with letter "R" cut out.....	8286-62

UNION SWITCH & SIGNAL CO.

STYLE "S-8" ELECTRO-MECHANICAL INTERLOCKING MACHINE DETAIL PARTS

(Continued)

ILLUMINATED INDICATORS, TERMINAL BOARDS, ETC.

Unless Otherwise Specified All Indicators Will be Equipped with 12-Volt, 1¼-Watt Candelabra Base Lamps. Indicator Lights Will be Equipped with Green Glass and Flashlights with Red Glass

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

Piece	Ref.	Description	Drawing Reference
53777	18	Aluminum Disc with letter "L" cut out.....	8286-61
137016	19	2-Way Indicator Light Cover, complete with retaining plate, green glass in R. H. hole and L. H. hole blank	C-8577-199
120546	19a	2-Way Blank Cover only.....	C-8577-171
120547	20	Retaining Plate.....	C-8577-171
120532	21	2-Way Cover.....	C-8577-171
	21a	2-Way Indicator Light Cover, complete with retaining plate, glasses and gaskets. (Specify numbering and lettering).....	C-8577-171
84383	22	Gasket for Ref. 14a.....	8078-942
88928	23	Green Glass Disc (Frosted on one side).....	8286-88
61699	24	Gasket for Ref. 23.....	8078-1167
	25	Machine Screw No. 10-30x¾" Rd. Hd. Br. for attaching Illuminated Indicators to Unit.	
	26	Machine Screw No. 8-36x¼" Rd. Hd. Br. for attaching Refs. 20 and 21 together and Ref. 19 to Illuminated Indicator.	
	27	Machine Screw No. 8-36x¾" Rd. Hd. Br. for attaching covers to Illuminated Indicators, also for Ref. B.	
	28	Machine Screw No. 10-30x¾" Flat Hd. S. for attaching Front Plate to machine when Flashlight Indicator is used.	

PLATE A-1012

UNION SWITCH & SIGNAL CO.

STYLE "S-8" ELECTRO-MECHANICAL INTERLOCKING MACHINE MACHINE DETAIL PARTS

(Continued)

ILLUMINATED INDICATORS, TERMINAL BOARDS, ETC.

Unless Otherwise Specified All Indicators Will be Equipped with 12-Volt, 1¼-Watt Candelabra Base Lamps. Indicator Lights Will be Equipped with Green Glass and Flashlights with Red Glass

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

Piece	Ref.	Description	Drawing Reference
62362	29	Contact Spring for Refs. B and D.....	8285-1562
112502	30	Contact Spring for Ref. C.....	8385-1890
95929	31	Button, complete, with bushing only for Refs. B, C and D.....	8235-132
47619	32	Coil Spring for Refs. B, C and D.....	7770-263
91822	33	Plunger, complete for Refs. B and D.....	8114-475
112501	34	Plunger, only for Ref. C.....	8114-586
80839	35	Socket for Ref. B.....	C-7816-16
62365	36	Insulation Base for Ref. B.....	8750-1807
	37	Machine Screw No. 8-36x½" Rd. Hd. Br. with Hex. Nut 37a and Washer 37b for Refs. B, C and D.	
32498	37a	Hex. Nut for Ref. 37.....	8109-223
59612	37b	Washer for Ref. 37.....	7828-218
17376	38	Washer for Ref. B.....	7828-66
	39	Machine Screw No. 8-36x⅝" Rd. Hd. Br. for Refs. B, C and D.	
62363	40	Connector for Refs. B, C and D.....	8064-444
62364	41	Ins. Washer for Refs. B, C and D.....	8078-1164
62359	42	Socket for Refs. C and D.....	C-7816-16

UNION SWITCH & SIGNAL CO.

STYLE "S-8" ELECTRO-MECHANICAL INTERLOCKING
MACHINE DETAIL PARTS
(Continued)

ILLUMINATED INDICATORS, TERMINAL BOARDS, ETC.

Unless Otherwise Specified All Indicators Will be Equipped with 12-Volt, 11¼-
Watt Candelabra Base Lamps. Indicator Lights Will be Equipped with
Green Glass and Flashlights with Red Glass

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

Piece	Ref.	Description	Drawing Reference
1033	43	Ins. Washer for Ref. C.....	8078-76
23905	44	Ins. Tubing for Ref. C.....	B-10270-1
23466	45	Contact Tip for Ref. C.....	8112-52
122245	46	Terminal Board only for 4-lever Section for Ref. E....	C-2676-45
120542	47	Terminal Board only for 8-lever Section for Ref. F....	C-2676-44
122246	48	Wire Guide for 4-lever Section for Ref. E.....	C-2676-45
120543	49	Wire Guide for 8-lever Section for Ref. F.....	C-2676-44
	50	Wood Screw No. 10x1½" Flat Hd. Br. for attaching Wire Guides to Terminal Boards.	
122247	51	Terminal Strip only for 4-lever Section for Ref. E....	C-2676-45
120544	52	Terminal Strip only for 8-lever Section for Ref. F....	C-2676-44
	53	Wood Screw No. 10x¾" Flat Hd. Br. for attaching Terminal Strips to Terminal Boards.	
	54	Machine Screw No. 12-28x½" Fil. Hd. Br. for Termi- nal Strip.	
821	55	Washer for Ref. 54.....	7828-4
	56	Machine Screw No. 10-30x⅝" Fil. Hd. S. for attach- ing Refs. E and F to Machine.	
73129	57	Washer for Ref. 56.....	7826-180
126306	58	Sheet Steel Blank Disc.....	8286-48