

UNION SWITCH & SIGNAL CO.
Zachary C. Gillihan 2008
 STYLE "ANL-40" TRANSFORMER RELAY

DETAIL PARTS

For Complete Relay Refer to Plate E-1180

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

Piece	Ref.	Description	Drawing Reference
182915	2	Field Complete, 110-Volts, 60/100 Cycles, Spec. 2421	C-9415-1
183095	3	Terminal Board.....	C-9415-2
182908	4	Front Contact Board Complete, with Posts, Leads and Connectors.....	9968-1110
182900	5	Back Contact Board Complete, with Contacts, Leads, Nuts and Washers.....	9968-1108
	6	Machine Screw No. 6-40x $\frac{1}{2}$ " Rd. Hd. Br. (N.P.) with No. 6 Pl. S. Lock Washer ($\frac{5}{64}$ "x $\frac{1}{32}$ ") (Cad. Pl.) and Nut Ref. 7	
151836	7	Nut.....	8109-445
182887	8	Armature Complete, with Contacts.....	8157-410
	9	Machine Screw, No. 6-40x $\frac{3}{4}$ " Rd. Hd. Br. (N. P.) with No. 6 Pl. S. Lock Washer ($\frac{5}{64}$ "x $\frac{1}{32}$ ") (Cad. Pl.)	
182880	10	Armature Support.....	11893-682
182912	11	Nut.....	8109-469
182911	12	Spring.....	8735-777
57032	13	Washer.....	7828-218
	14	Porcelain Ins. Bead	
	15	Machine Screw, No. 8-36x $1\frac{5}{8}$ " Fil. Hd. S. (Cad. Pl.) with No. 8 Pl. S. Lock Washer ($\frac{1}{16}$ "x $\frac{3}{64}$ ") (Cad. Pl.) and Nut Ref. 16	
32498	16	Nut.....	8109-223
183236	17	Ins. Bushing.....	B-10269-1
	18	Machine Screw, No. 8-36x $\frac{1}{2}$ " Flat Hd. Br. (N. P.)	

UNION SWITCH & SIGNAL CO.
Zachary C. Gillihan 2008
 STYLE "ANL-40" TRANSFORMER RELAY
 (Continued)

DETAIL PARTS

For Complete Relay Refer to Plate E-1180

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

Piece	Ref.	Description	Drawing Reference
58930	19	Washer.....	7828-218
	20	Fuse Clip, 30 Amp., 250-Volts, Type "C".....	8064-749
	21	Machine Screw, No. 10-30x $\frac{7}{16}$ " Rd. Hd. Br. (N. P.) with Nut Ref. 22	
44230	22	Nut for Refs. 21 and 23.....	8109-281
	23	Machine Screw, No. 10-30x $\frac{5}{8}$ " Rd. Hd. Br. (N. P.) with Nut Ref. 22	
56781	24	Connector.....	8064-349
135650	25	Connector.....	8064-596
	26	Terminal Post Complete, with Nuts and Washers (Inc. 1-26a, 3-27, 1-28 and 2-29).....	12451-
122782	26a	Terminal Post Only, for Ref. 26.....	8094-1192
29102	27	Washer.....	7828-139
29103	28	Nut.....	8109-194
29101	29	Nut.....	8109-193
183098	30	Case.....	C-9415-3
	31	Machine Screw, No. 8-36x $\frac{1}{4}$ " Fil. Hd. S. (Cad. Pl.) with No. 8 Pl. S. Lock Washer ($\frac{1}{16}$ "x $\frac{3}{4}$ " (Cad. Pl.)	
183096	32	Bottom Cover.....	C-9415-2
47103	33	Spring Washer.....	7828-211
60845	34	Pin (N. P.).....	8097-837
138309	35	Washer for Refs. 34 and 38.....	7828-184

Zachary C. Gillihan 2008

UNION SWITCH & SIGNAL CO.

STYLE "ANL-40" TRANSFORMER RELAY (Continued)

DETAIL PARTS

For Complete Relay Refer to Plate E-1180

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

Piece	Ref.	Description	Drawing Reference
	36	Machine Screw, No. 8-36x $\frac{5}{16}$ " Flat Hd. Br. (N. P.)	
183125	37	Name Plate	8225-446
60286	38	Pin (N. P.) for attaching Name Plate to Case	8097-837
142777	39	Tag (Marked 100 Cycles)	8988-75
142777	40	Tag (Marked 60 Cycles)	8988-75
	41	A. C. Fuse, 2" Lg. x $\frac{9}{16}$ " dia. (15-Amp., 250-Volts)	
183251	42	Glass Shield	8163-309
34744	43	Washer	7828-69
182901	44	Terminal Board	9968-1109
182903	45	Front Contact Post Complete	8094-2310
182904	46	Lead Complete	B-9990-31
182905	47	Lead Complete	B-9990-31
182907	48	Connector	10934-45
	49	Machine Screw, No. 6-40x $\frac{1}{2}$ " Rd. Hd. Br. (N. P.) with No. 6 Pl. S. Lock Washer ($\frac{5}{16}$ "x $\frac{1}{2}$ " (Cad. Pl.), Nut Ref. 7 and two Washers Ref. 51	
	50	Machine Screw, No. 6-40x $\frac{1}{2}$ " Rd. Hd. Br. (N. P.) with No. 6 Pl. S. Lock Washer ($\frac{5}{16}$ "x $\frac{1}{2}$ " (Cad. Pl.), Nut Ref. 7 and one Washer Ref. 51	
20686	51	Washer	7828-108
182894	52	Terminal Board	9968-1107
182897	53	R. H. Contact Complete	8385-2353

UNION SWITCH & SIGNAL CO.
Zachary C. Gillihan 2008
 STYLE "ANL-40" TRANSFORMER RELAY
 (Continued)

DETAIL PARTS

For Complete Relay Refer to Plate E-1180

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

Piece	Ref.	Description	Drawing Reference
182898	54	L. H. Contact Complete.....	8385-2353
182885	55	Armature Complete.....	8157-408
182882	56	Armature Bracket.....	8303-123
182881	57	Armature Bracket.....	8303-121
54920	58	Rivet.....	10301-1
182886	59	Armature Shaft.....	8097-409
182884	60	Pin.....	8097-624
182906	61	Contact Complete.....	8385-2091
143714	62	Insulation.....	8750-2268
143715	63	Insulation.....	8750-2268
143716	64	Insulation.....	8750-2269
	65	Machine Screw, No. 4-48x $\frac{9}{32}$ " Rd. Hd. Br. (N. P.) with No. 4 Shakeproof Lock Washer	
29351	66	Nut.....	8109-204
	67	Machine Screw, No. 4-48x $\frac{1}{2}$ " Rd. Hd. Br. (N. P.) with Washer Ref. 68 and No. 4 Pl. S. Lock Washer ($\frac{5}{64}$ "x $\frac{1}{32}$ ") (Cad. Pl.)	
87225	68	Washer.....	7828-287
182883	69	Nut.....	8109-468