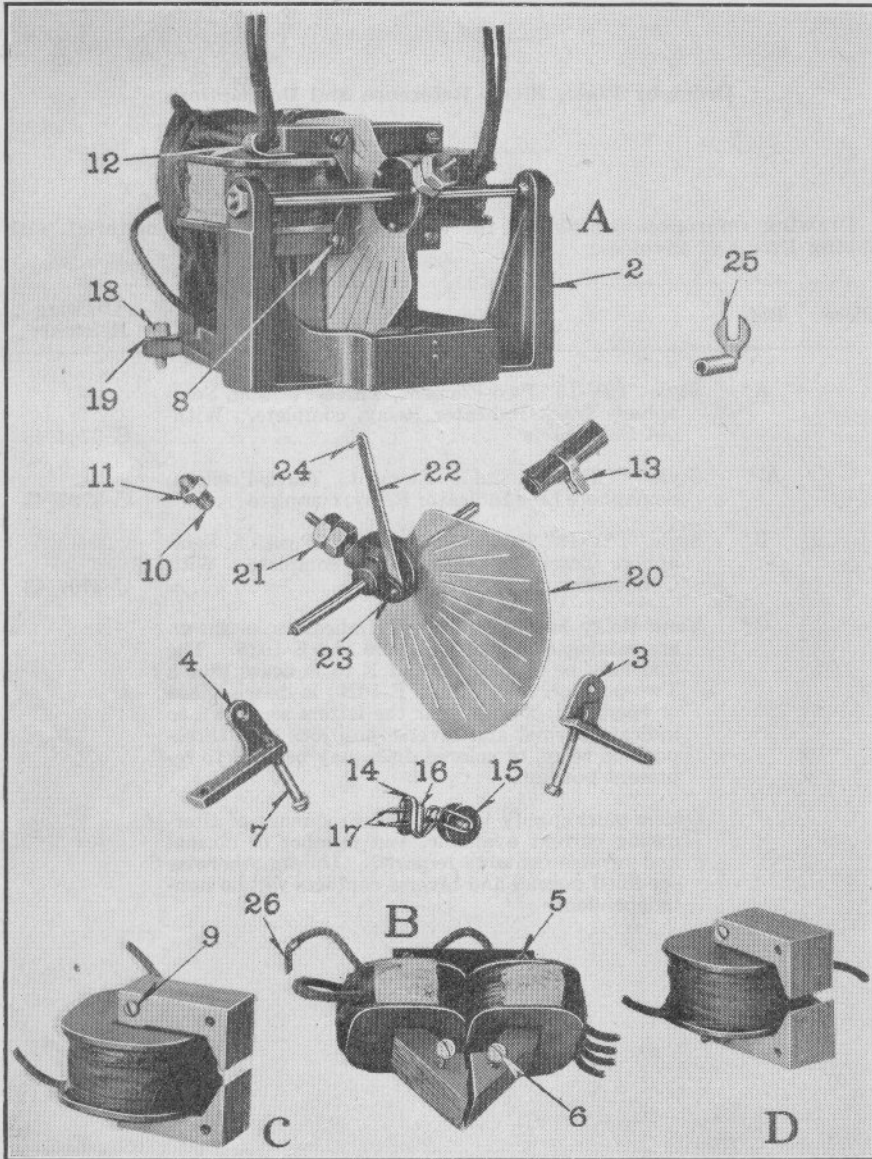


UNION SWITCH & SIGNAL CO.

Zachary C. Gillihan 2008



OPERATING MECHANISM AND DETAILS FOR TWO AND THREE POSITION
MODEL 15 VANE RELAY

UNION SWITCH & SIGNAL CO.

OPERATING MECHANISM AND DETAILS FOR TWO AND THREE POSITION
MODEL 15 VANE RELAY

Zachary C. Gillihan 2008

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
	A*	Operating Mechanism (Field,) complete as shown except references 10, 11 and 18 to 24.....	C-8814
	B*	Control Field, complete as shown.....	C-8814-16
	C*	L. H. Local Field, complete as shown.....	C-8814-15
	D*	R. H. Local Field, complete as shown.....	C-8814-15
	2*	Mechanism Bracket *When ordering for renewal refer to the piece number shown on the name plate of the complete relay.	C-8814-8
61709	3	Core Support, R. H.....	C-8814-2
61708	4	Core Support, L. H.....	C-8814-2
61764	5	Screw for fastening Control Field B to 2.....	8098-881
61766	6	Screw for fastening 3 and 4 and Control Field B to 2	8098-929
61765	7	Screw for fastening Local Field C and D to 3 and 4...	8098-929
62031	8	Screw for fastening Local Field C and D to 2.....	8098-929
61763	9	Screw for fastening Local Field C and D to 2, 3 and 4	8098-881
48193	9a	Nut for 9.....	8265-150
29353	9b	Lock Washer for 9a.....	8486-106
41055	10	Jeweled Trunnion Screw.....	8378-183
94597	10a	Jeweled Trunnion Screw, complete with Nut 11....	12471-5
29577	11	Nut for 10a.....	8109-205
97318	12	Wire Clip for L. H. Local Field.....	11893-102
91081	13	Wire Clip for 2.....	11893-88
90714	14	Roller Bracket.....	8124-198

UNION SWITCH & SIGNAL CO.

OPERATING MECHANISM AND DETAILS FOR TWO AND THREE POSITION

MODEL 15 VANE RELAY

(Continued)

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Order by Plate, Piece, Reference and Description

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Piece	Ref.	Description	Drawing Reference
69693	15	Stop Roller	8095-417
90506	16	Clamp for fastening 14 to 2	11893-94
54922	17	Rivet for fastening 16 to 2	10301-1
69698	18	Screw for fastening 2 to Relay Case	8098-1371
66698	19	Lock Washer for 18	8486-267
75474	20	Vane Armature, complete with Crank and Shaft. (3 Position Relay)	10985-16
70538	20a	Vane Armature, complete with $\frac{1}{2}$ " radius Crank and Shaft (2-Position Relay)	10985-16
71775	20b	Vane Armature, complete with $\frac{1}{4}$ " radius Crank and Shaft (2-Position Relay)	10985-27
29134	21	Counterweight	8109-201
83974	21a	Counterweight (for Relay 79904)	8109-172
29956	21b	Nut, Jam, for 21 (2-Position Relays)	8109-202
61761	22	Link for connecting 20 with Contact Spring Support (3-Position Relay)	8232-99
61760	22a	As above, used with 2-Position Relay— $\frac{1}{2}$ " Radius Crank, 20a	8232-99
71785	22b	As above, used with 2-Position Relay— $\frac{1}{4}$ " Radius Crank, 20b	8232-155
94417	23	Pin for lower end of 22 and 22a	8097-958
94338	23a	Pin for lower end of 22b	8097-958
62223	24	Pin for upper end of 22	8097-837
122308	25	Wire Terminal for Field Coil Leads	8244-113
71957	26	Wire Terminal for Condenser Leads	8244-99