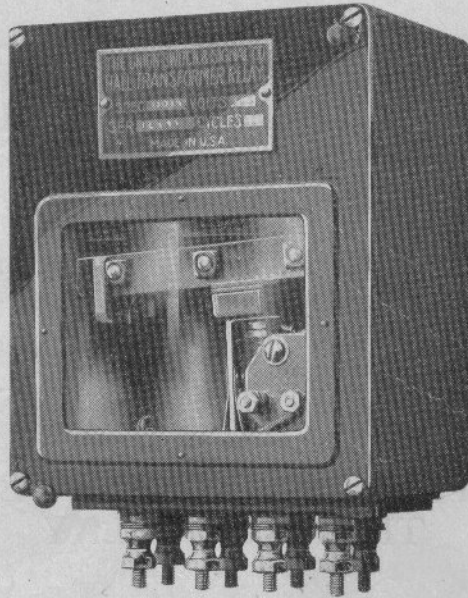


UNION SWITCH & SIGNAL CO.

Out of production



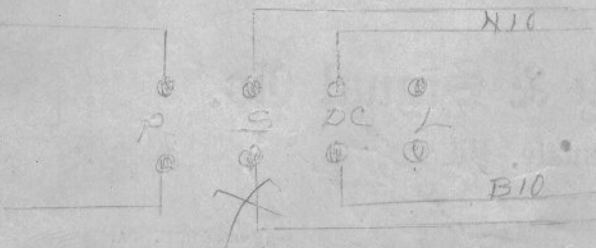
Height 8 $\frac{3}{4}$ ", Width 6 $\frac{1}{8}$ ", Depth 4 $\frac{5}{8}$ "

STYLE ANL-10 TRANSFORMER RELAY

Zachary C. Gillihan 2008

The ANL-10 relay is used for lighting highway crossing signals, semaphore lamps, color light signals, etc., from its secondary winding and at the same time furnishes protection against signal failures due to interruption of the A. C. supply by cutting over to a D. C. reserve.

It is furnished with two front and two back non-independent contacts.



UNION SWITCH & SIGNAL CO.
Zachary C. Gillihan 2008

STYLE ANL-10 TRANSFORMER RELAY
 CAPACITY 60-V. A. AT 60-CYCLES—40-V. A. AT 25 CYCLES

FOR DETAILS REFER TO PLATE E-1115

Order by Plate, Piece, Reference and Description

Drawing references are shown for convenience in checking material with shipping lists and invoices.

Style ANL-10 Transformer Relay, complete with 2 Front and 2 Back Contacts — Volts, — Cycles, Spec.—										
Piece	Ref.	Primary			Secondary			Amps. FL	Spec.	Dwg. Ref.
		Volts	Cycl.	Taps	Taps	Volts				
						OC	FL			
405001	A	110	60	1P-2P	1S-2S	1.1	1.0	5.0	1476	405001
					2S-3S	1.1	1.0			
					3S-4S	11.1	9.5			
					4S-5S	.55	.5			
					1S-5S	13.85	12.0			
405030	Aa	110	60	1P-2P	1S-2S	1.1	1.0	6.32	1488	405001
					2S-3S	1.1	1.0			
					3S-4S	8.8	7.0			
					4S-5S	.55	.5			
					1S-5S	11.6	9.5			
405042	Ab	110	25	1P-2P	1S-2S	1.16	1.0	3.33	1487	405001
					2S-3S	1.16	1.0			
					3S-4S	10.8	9.5			
					4S-5S	.65	.5			
					1S-5S	13.6	12.0			
405058	Ac	110	40	1P-2P	1S-2S	1.16	1.0	5	1497	405001
					2S-3S	1.16	1.0			
					3S-4S	10.8	9.5			
					4S-5S	.65	.5			
					1S-5S	13.6	12.0			
405059	Ad	110	60	1P-2P	1S-2S	1.65	1.5	3.87	1496	405001
					2S-3S	2.2	2.0			
					3S-4S	9.27	8.0			
					4S-5S	4.4	4.0			
					1S-5S	17.5	15.5			
405060	Ae	110	25	1P-2P	1S-2S	1.16	1.0	4.22	1498	405001
					2S-3S	1.16	1.0			
					3S-4S	7.8	7.0			
					4S-5S	.66	.5			
					1S-5S	10.8	9.5			

UNION SWITCH & SIGNAL CO.

Zachary C. Gillihan 2008

STYLE ANL-10 TRANSFORMER RELAY

CAPACITY 60-V. A. AT 60-CYCLES—40-V. A. AT 25 CYCLES

(Continued)

FOR DETAILS REFER TO PLATE E-1115

Order by Plate, Piece, Reference and Description

Drawing references are shown for convenience in checking material with shipping lists and invoices.

Style ANL-10 Transformer Relay, complete with 2 Front and 2 Back Contacts ——— Volts, ——— Cycles, Spec.——										
Piece	Ref.	Primary			Secondary			Amps. FL	Spec.	Dwg. Ref.
		Volts	Cycl.	Taps	Taps	Volts				
						OC	FL			
405065	Af*	110	60	1P-2P	1S-2S	1.1	1.0	5.71	1503	405001
					2S-3S	1.1	1.0			
					3S-4S	10.0	8.0			
					4S-5S	.55	.5			
					1S-5S	12.75	10.5			
405110	Ag*	110	60	1P-2P	1S-2S	1.1	1.0	4.28	1516	405001
					2S-3S	1.1	1.0			
					3S-4S	13.5	11.5			
					4S-5S	.55	.5			
					1S-5S	16.25	14.0			
405146	Ah*	220	60	1P-2P	1S-2S	1.64	1.5	3.87	1521	405001
					2S-3S	2.19	2.0			
					3S-4S	9.32	8.0			
					4S-5S	4.56	4.0			
					1S-5S	17.7	15.5			
405148	Aj*	110	60	1P-2P	1S-2S	3.84	3.5	4.44	1522	405001
					2S-3S	.55	.5			
					3S-4S	9.32	8.0			
					4S-5S	1.65	1.5			
					1S-5S	15.36	13.5			
405167	Ak*	110	60	1P-2P	1S-2S	1.1	1.0	5.71	1503	405001
					2S-3S	1.1	1.0			
					3S-4S	10.0	8.0			
					4S-5S	.55	.5			
					1S-5S	12.75	10.5			

UNION SWITCH & SIGNAL CO.

Zachary C. Gillihan 2008

STYLE ANL-10 TRANSFORMER RELAY

CAPACITY 60-V. A. AT 60-CYCLES—40-V. A. AT 25 CYCLES

(Continued)

FOR DETAILS REFER TO PLATE E-1115

Order by Plate, Piece, Reference and Description

Drawing references are shown for convenience in checking material with shipping lists and invoices.

Style ANL-10 Transformer Relay, complete with 2 Front and 2 Back Contacts ——— Volts, ——— Cycles, Spec. ———										
Piece	Ref.	Primary			Secondary			Amps. FL	Spec.	Dwg. Ref.
		Volts	Cycl.	Taps	Taps	Volts				
						OC	FL			
405238	Am	110	25	1P-2P	1S-2S	4.0	3.5	2.96	1544	405001
					2S-3S	.55	.5			
					3S-4S	9.1	8.0			
					4S-5S	1.66	1.5			
					1S-5S	15.3	13.5			
405244	An*	110	60	1P-2P	1S-2S	2.19	2.0	5	1549	405001
					2S-3S	1.64	1.5			
					3S-4S	9.27	8.0			
					4S-5S	.55	.5			
					1S-5S	13.65	12.0			

*Relay with Split Contact Spring