

Zachary C. Gillihan 2008

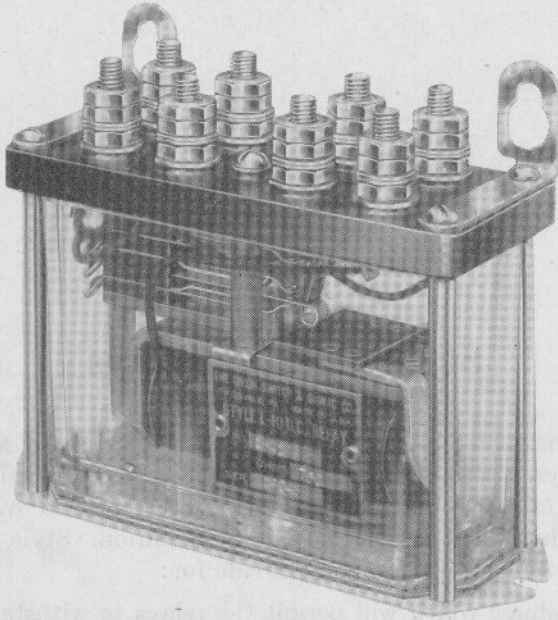
Style "L-10" Relays

Relays constructed along the lines of the Style "L-10" are not classed as A.A.R. relays. Recommendations have been confined to those applications where a failure would be checked by an approved A.A.R. relay or where such failure would create no unsafe condition. Style "L-10" Relay construction features do, however, provide for:

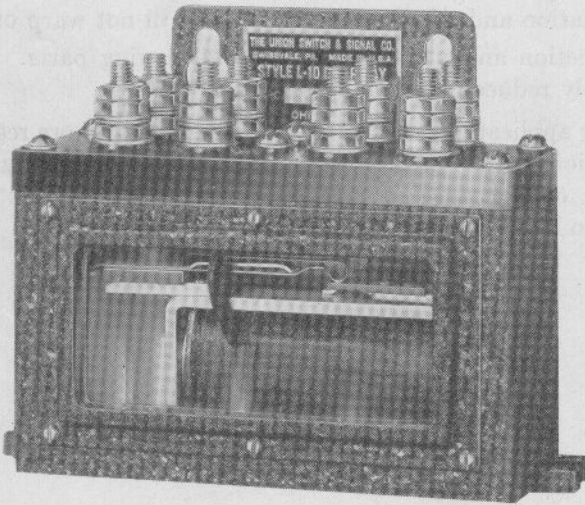
- (a) Ruggedness which will permit the relays to withstand millions of operations without serious wear.
- (b) Contacts of a very dependable nature.
- (c) Insulation and other materials which will not warp or deteriorate.
- (d) Protection and visibility of coil and moving parts. All of which greatly reduce maintenance effort.

Its major applications are, to control a reserve or more restrictive light signal indication in case of lamp failure, as a light out or light indication relay, and in coding sets, to provide approach indications for multiple track over two line wires.

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B



C

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For details refer to Plate E-5082.
 For Relay Units refer to Plate E-5086.
 For Contact Combinations refer to Plate E-5088.
 For details of original design of "L-10" Relays refer to Plate E-5085.
 For "OR-10" and "OR-11" Relays refer to Plate E-5090.

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

Piece	Ref.	Description	Drawing Reference
	B	Style "L-10" Relay in Glass Case (Orders should specify Contact Combination desired by referring to Plate E-5088 and resistance of Magnet Coil Plate E-5086).....	B-12671-
	Ba	Style "L-10" Relay in Glass Case with Rectifier as shown in View "Z" of Plate E-5082 (for Light Out service) (Orders should specify Contact Combination desired by referring to Plate E-5088 and resistance of Magnet Coil Plate E-5086).....	B-12671-
	C	Style "L-10" Relay in Cast Aluminum Case (Orders should specify Contact Combinations desired by referring to Plate E-5088, and resistance of Magnet Coil Plate E-5086).....	B-12671-
		<p>Contact Capacity: Style "L-10" Relays may have a maximum of eight terminal posts on the top plate, two for coil leads and six for contacts. Therefore, with the exception of Relay Unit Reference B, Plate E-5086, the maximum number of independent contacts is three. Additional dependent contact capacity is made possible by the use of common heel springs for front and back contacts or by means of internal jumper connections.</p> <p>Each contact stack with the exception of Reference E, Plate E-5088 is limited to six contact springs and the maximum number of stacks are shown in assemblies A to E inclusive of Plate E-5086. Orders should specify the combination desired from Plate E-5088.</p> <p>Contact Rating: Style "L-10" Relay contacts should be limited to 4 amperes A.C. or D.C. at 15 volts maximum, non-inductive. Heavy inductive loads should be snubbed where possible. The standard contact material is silver to silver and the contact tips are split so that contact is made at least at one point if the other point does not make good contact.</p>	