

An. Switch & Signal Co.

COPY FOR.....

Zachary C. Gillihan 2008

Boston & Maine R.R.
L-10 Relays
Piece Numbers

April 8, 1942

Mr. J. P. Muller, Engr. Sig. & Teleg.,
Boston & Maine R.R.
Boston, Mass.

Dear Sir:

It has been impossible to keep our catalogue plate E-5080 up to date showing the various contact combinations available on L-10 relays, and hence we have prepared the information shown on the attached statement which may be worth keeping on hand for ready reference

The statement gives contact combinations and working voltage for 750 ohm L-10 relays, and also gives information regarding the working voltage of relays of other resistance.

Trusting you will find this of value, we remain,

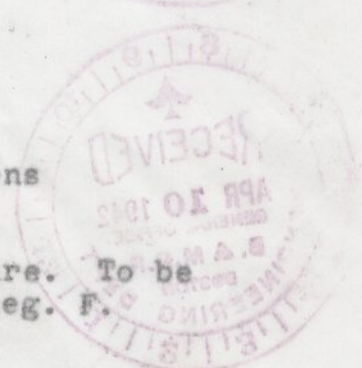
Yours very truly,

E. S. Berry
Asst. District Manager.

L-10 Relays
Plate E-5080

Piece Numbers for Various Contact Combinations

Working values given are for 70 deg. F. temperature. To be increased by 10% at 115 deg. F., and 17% at 150 deg. F.



750-OHM L-10 RELAYS NOW ON DRAWING

Piece No. Reference	Dwg. B-12671 Sheet	Contact Combination	Working at 70° F.
154733	2	1F-0B L.V.	7.70 V.
163245	2	0F-1B "	8.03
178570	2	1F-1B " (Ind.)	11.61
177988	2	0F-2B "	14.40
180003	2	1F-1B "	9.05
184186	11	2F-2B "	14.40
190164	11	2F-0B "	9.78
192211	11	2F-1B "	11.61
211685	11	3F-0B "	14.40

The following contact combinations could be furnished if required.

Contact Combination	Working at 70° F. for 750 ohm Relay
1F-2B	14.40 V.
0F-3B	15.10
1F-2B (Ind.)	15.10
2F-1B "	15.10

You will note that there is practically a two to one change in working value from the heaviest to the lightest contact combination that can be supplied. When using the heavier contact combinations you may find it necessary to use a resistance lower than 750 ohms. Resistances available below 750 ohms are 450 ohms and 280 ohms. To obtain working values for these lower resistance relays, take 71% of the 750 ohm working value to obtain the 450 ohm working value, and 57% of the 750 ohm working value to obtain the 280 ohm working value.

The piece numbers shown on Plate E-5088 apply only to contact assemblies.