

TYPE 136(--)-470 AND TYPE 138(--)-470 COMPACT STRAIGHT LINE RINGERS

The 136 compact ringer is a double wound coil, single gong, straight line, biased type of unit equipped with a mechanical volume control and assembled on a die-cast metal base with a molded plastic cover. The 138 ringer is identical except for the addition of a gas tube and the use of a large cover. In combination with the type 137

frequency selective ringer these units provide a complete range which meet the requirements of every need for a compact telephone line main or extension ringer. Screw terminals are provided for all lead connections. The base casting is fitted with four shock absorbing rubber feet through which the mounting screws are inserted.

Table 1 REPLACEABLE PARTS

Item	Description	Number	Qty	Item	Description	Number	Qty
1	Frame and Gong Assy.	190146	1	10	Terminal Board	190148-1	1
2	Support Pole Piece Assy.	75398	1	11	Rd. Hd. Mach. Screw	69778	1
3	Core Lamination	75395	* 18	12	Spacer	190141-1	1
4	Coil	180206-5	1	13	Lever Lock	190142-1	1
5a	Flat Fil. Hd. Mach. Screw	Ø 75409-4	2	14	Lever Stop	190143-1	1
6	Magnet	75369	1	15	Cord Retainer	190144-1	2
7	Armature and Clapper Assy.	190066-1	1	16	Rubber Foot	75371	4
8a	Rd. Hd. Lockwasher Screw	# 75408-2	4	17a	Cover (Type 136)	190192-1	1
b	Rd. Hd. Lockwasher Screw	Ø 75408-4	1	b	Cover (Type 138)	190577-1	1
c	Rd. Hd. Mach. Screw	Ø 64127	3	18	Cabinet Lock Screw	190178-2	1
9	Capacitor	190440-1	1	19	Tube (Type 138 only)	75599	1
				20	Bracket (Type 138 only)	190576-1	1

NOTES: * Minimum weight of 16 grams of laminations must be used.
Items 5a and 8a used on type 136 assembly only.
Ø Items 5b, 8b and 8c used on type 138 assembly only.

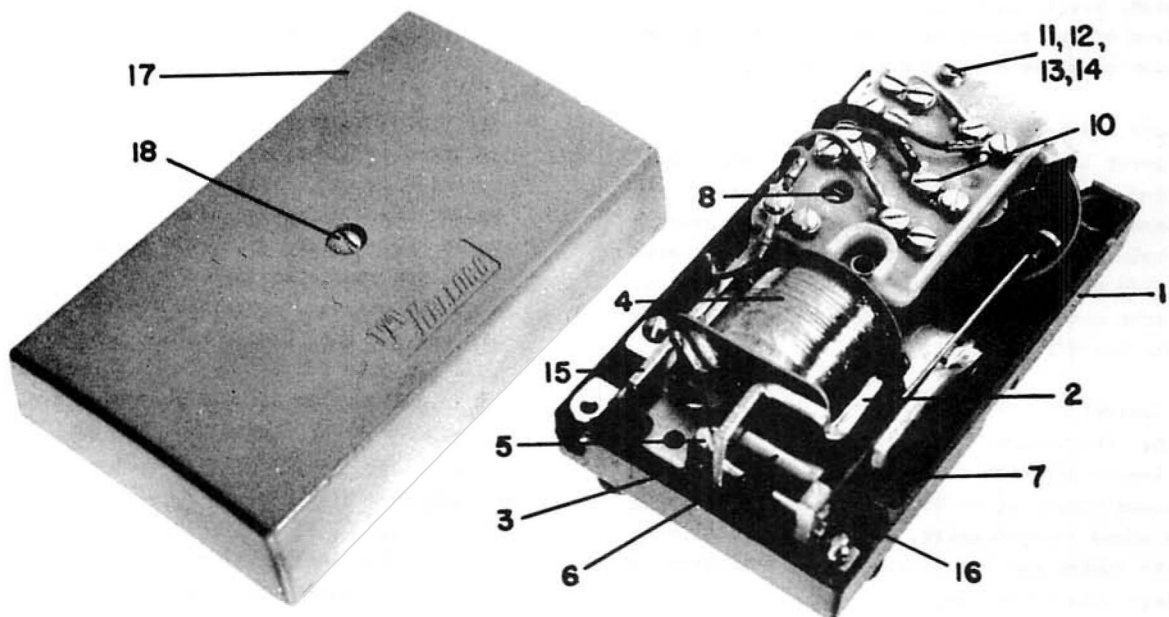


Fig. 1 TOP VIEW - COVER REMOVED