KS-21413 CIRCUIT BREAKERS ALARM TEST

1. These breakers are furnished in 100, 90, 60 and 30 ampere size. The 100 amp size is used principally in Crossbar office for feeding power to the frames. They are being furnished in place of the KS-5534 fuse cabinet attached to the frame end guard.

2. Install and wire up the line and load side of the circuit breakers. Drawing ED-82723-30, Note 8 contains crimping and insulating instructions.

3. Connect the outgoing alarm lead at the remote end and as shown in Figure 1.

4. When the breaker is ON (in service) an operational test of the alarm circuit cannot be performed.

4.1 An operational test would require an overload or short circuit on the load side of the breaker which would trip the breaker handle to the mid position (alarm) and open the load. Since this cannot be done, a simulated test is required.

5. See Figure 1. With a short length of wire, momentarily connect terminal 8 to the ALM terminal 9 and observe that the red alarm lamp on the breaker lights and the remote alarms light and sound. Remove the connection across 8 and 9 and the alarm condition will be cleared.

Manager, Product Engineering

Attachment: Figure 1

Reason for Reissue:
(1) To correct ED drawing Note number.

"NOTICE: NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT"

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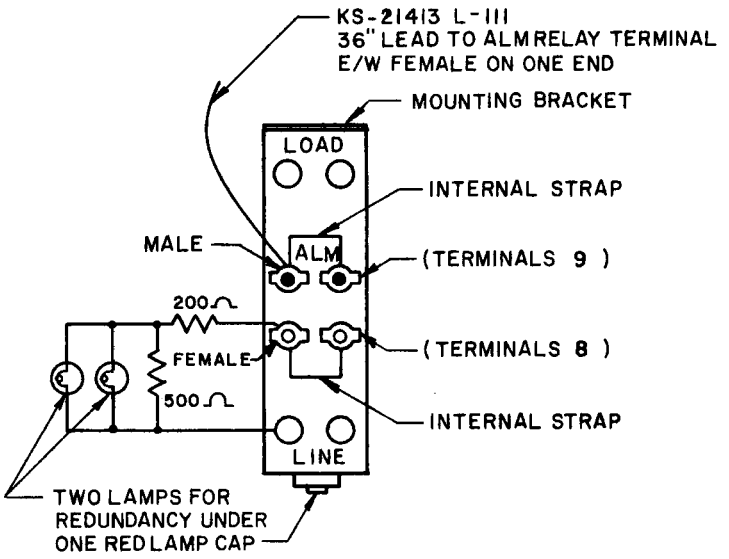
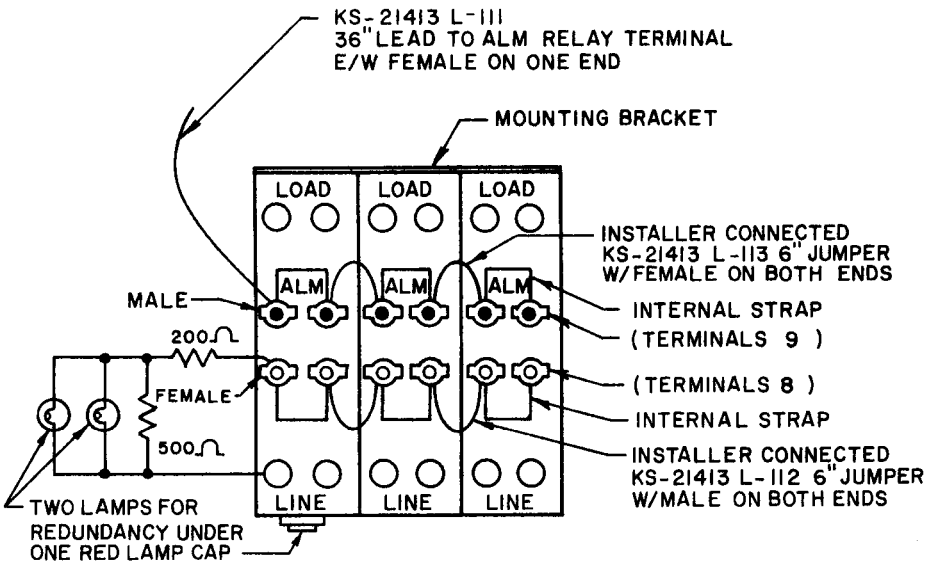


TOP VIEW

KS-21413 L1 SINGLE PROTECTOR UNIT
(TWO BREAKER CKT.)
(BREAKER HANDLES ON BOTTOM)



TOP VIEW

KS-21413 ONE L-1 AND TWO L-6 TRIPLE PROTECTOR UNIT
(SIX BREAKER CKT.)
(BREAKER HANDLES ON BOTTOM)

Figure 1
(Par's 3 & 5)