

Order Number

Serial Number

PRODUCTION TEST MANUAL

3A32K77

LOCKOUT RELAY

Issue Level	Date	Summary of changes
A	21/10/2011	Initial issue.

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1. ASSOCIATED DRAWINGS

172-032-177 Wiring Diagram
 This Product Test Manual is in reference to
 TfA 176642 Issue F 13/12/07

2. HIGH VOLTAGE TESTING

- a) Apply 2kV RMS 50Hz between terminal Groups 1 and 2 in Table 1 for 1 minute.
- b) Apply three 5kV 1/50us pulses of each polarity between terminal Groups 1 and 2 in Table 1.

TABLE 1

GROUP 1	GROUP 2
Coil	All other connections and Frame
Each contact set	All other connections and Frame

3. TEST PROCEDURE

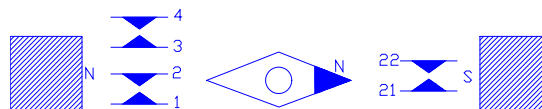
LO Element

- a) Check coil resistance is 200Ω +/- 5%.
- b) Operate voltage is less than 20V DC
- c) Drop out voltage is not critical

LO Element	Pickup Voltage	<input style="width: 100%;" type="text"/>	Volts
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4. GENERAL & FUNCTIONAL

- a) Check the polarity of the magnetic blowouts using a compass by placing the compass next to each of the magnets in turn and observe that when viewed from the front both magnets are aligned South to North/Left to Right respectively.



FRONT VIEW

- b) Check that the two N/C contacts have magnetic blowouts fitted.
- c) Check that the relay base is engraved with stockcode number SC 176642 and "LO".
- d) Check that the front label is engraved with "LOCK - OUT RELAY" and "SC 176642"
- e) Check that the relay is shockproof and that the flag reset mechanism operates correctly.
- f) Check that the relay is electrically sound and mechanically robust as per Standard Inspection & Test Schedule 903-000-026.

PASS

TESTED BY: _____ DATE: _____