

Order Number

Serial Number

PRODUCT/TEST MANUAL

3A32K31

LOCKOUT RELAY

Issue Level	Date	Summary of changes
A	21/01/1998	Initial issue.
B	21-08-2000	Tfa was "as per fax 8/12/97"

Due to RMS continuous product improvement policy this information is subject to change without notice.

Document updated	Checked	Registered	.pdf file created	.pdf uploaded to web site

1. ASSOCIATED DRAWINGS

172-032-131 Wiring Diagram
 This Product Test Manual is in reference to
 TfA 62257 Issue A 23/06/1998

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
Each 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 20 volts DC
- c) Drop out voltage is not critical

SX Element

- a) Check coil resistance is 1000 Ω +/- 5%.
- b) Operate voltage is less than 65 volts DC
- c) Drop voltage is not critical.
- d) Dropout time >160 mS at 110 volts DC

LO Element	Pickup Voltage		Volts
SX Element	Pickup Voltage		Volts
SX Element	Dropout time		Milliseconds

4. GENERAL & FUNCTIONAL

- a) Check that the relay base is engraved with stockcode number SC 62257 and LOX
- b) Check that the front label is engraved with LOCK - OUT RELAY
- c) Check that the relay is shockproof and that the flag reset mechanism operates correctly.
- d) Check that the relay is electrically sound and mechanically robust as per Standard Inspection & Test Schedule 903-000-026.

PASS

TESTED BY: _____ DATE: _____