

Order Number

Serial Number

PRODUCT TEST MANUAL

3A32K76

PILOT INTERLOCK RELAY

Issue Level	Date	Summary of changes
A	15/09/10	Initial Issue

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MVL	DW	DW	

1. ASSOCIATED DRAWINGS

172-032-176 Wiring Diagram
 TfA 62158 Issue H 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
All Terminals	Frame
23, 27	Other Terminals +E
8, 12	Other Terminals +E
18, 22	Other Terminals +E

3. TEST PROCEDURE

- a) Check coil resistance across 23 & 27 is 50kΩ +/- 10%.
 (comprising 40kΩ and 10kΩ resistor).

	kΩ
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- b) Check that the operate volts applied to 23 & 27 is >50V & <77V DC
 * Check that the release volts is > 9V DC.

Pickup Volts		V
Dropout Volts		V

* Take voltage to 110 VDC to saturate prior to performing this test

4. GENERAL & FUNCTIONAL

- a) Check that relay label is identified as "PILOT INTERLOCK RELAY".
- b) Check that relay is shockproof.
- c) Check that the relay is electrically sound and mechanically robust as per
 Standard Inspection & Test Schedule 903-000-026.

PASS

TESTED BY: _____ DATE: _____