



172-032-928
Issue A 10/11/1997
Sheet 1 of 3

Order Number

Serial Number

PRODUCT/TEST MANUAL

3A32K28

INTERTRIP SEND AND RECEIVE RELAY

Issue Level	Date	Summary of changes
A	10/11/1997	Initial issue.

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

172-032-128 Wiring Diagram
 This Product Test Manual is in reference to
 Fax dated 23/09/97

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 All Terminals 9, 10, 11 & 12 joined 9 & 10 joined	GROUP 2 Frame Other Terminals +E 11 & 12 +E
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3. TEST PROCEDURE

3.1 SEND ELEMENT (SR)

- a) PU volts <17 Volts DC
 Drop out approximately 1 volts DC
 Pickup Volts
- b) >280 ms delay on drop out at 24 V DC

<input type="text"/>	Volts
<input type="text"/>	mSec

3.1 RECEIVE ELEMENT (RR)

- b) Pick up < 50 Volts DC
 Pickup Volts
- c) Operate time less than 50 ms at 110 V DC
- d) AC withstand at 240 V AC.

<input type="text"/>	Volts
<input type="text"/>	mSec
<input type="text"/>	OK

NOTE: The receive element should not pick up under 240 volts when the voltage to the coil is increased slowly.

4. GENERAL & FUNCTIONAL

Check that the relay is electrically sound and mechanically robust as per Standard Inspection & Test Schedule 903-000-026.

PASS

TESTED BY: _____ DATE: _____