

Order Number

Serial Number

## PRODUCT/TEST MANUAL

**3Y15K2**

**PILOT INTERTRIP (RECEIVE) RELAY**

<b>Issue Level</b>	<b>Date</b>	<b>Summary of changes</b>
A	29/05/01	Initial issue.
B	2/07/01	Contact pressures increased & PU volts are higher
C	26/10/01	TfA 128439 Issue C
D	22/10/02	Base engraving is now Stock Code 128439

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ERL	DG	DG	

**1. ASSOCIATED DRAWINGS**

182-015-102                      Wiring Diagram  
This Product Test Manual is in reference to  
TfA 128439 Issue C 18/09/01

**2. HIGH VOLTAGE TESTING**

Apply 15KV RMS 50Hz between terminals 1 and 2 and all other terminals for 1 minute.

**3. TEST PROCEDURE**

1. Check that the relay does not operate when 415 VAC is applied to the coil
2. Check coil resistance is 10000  $\Omega$  +/- 10%.

$\Omega$

3. Check that the operate voltage is less than 75 V DC and the drop out voltage is greater than 5 V DC.

Pickup Voltage  Volts

Drop out Voltage  Volts

4. Check the drop out time is greater than 90 ms at 110 V DC.

mSec

**4. GENERAL & FUNCTIONAL**

- a) Check that relay base is engraved with SC 128439
- 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: \_\_\_\_\_