Order Number

Serial Number

PRODUCT TEST MANUAL

3A32K75

DMT / DMS RELAY

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

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

Author	Checked & Registered	.pdf file created	Released
MVL	DW	DW	DietmarWeinkoetz Digitally signed by DietmarWeinkoetz DN: CN = DietmarWeinkoetz, C = AU, O = RMS Date: 2010.09.17 07:53:49 +10'00'

1. ASSOCIATED DRAWINGS

172-032-175 Wiring Diagram
TfA 62141 Issue D 31/08/09.
TfA 62133 Issue H 2/09/02.

2. HIGH VOLTAGE TESTING

a) Apply 2kV RMS 50Hz between terminal Groups 1 and 2 in Table 1 for 1 minute.

TABLE 1

GROUP 1	GROUP 2
All Terminals	Frame
2 & 4	Other Terminals +E
26 & 28	Other Terminals +E
1 & 5	Other Terminals +E
23 & 27	Other Terminals +E
12 & 18	Other Terminals +E
11& 17	Other Terminals +E
22 & 24	Other Terminals +E

3. TEST PROCEDURE

DMT RELAY

a) Check coil resistance across 2 & 4 is 500 Ω +/- 25 Ω.

		Ω

b) Check the operate voltage applied to 2 & 4 is 12V maximum DC
c) Check the release voltage is 1V DC (approx.)

Pickup Volts		**V**
Dropout Volts		**V**

DMS RELAY

a) Check coil resistance across 26 & 28 is 0.2 Ω +/- 5%.

		Ω

b) Check that the operate current applied to 26 & 28 is 0.45A DC maximum. The release current is not critical.

Pickup Current		**A**

4. GENERAL & FUNCTIONAL

a) Check that relay label is identified as “DMT/ DMS RELAY”.
b) Check for correct operation of both flag reset mechanisms.
c) Check that the relay is electrically sound and mechanically robust as per Standard Inspection & Test Schedule 903-000-026.

BATCH QTY _____ **PASS** _____

TESTED BY: _____ DATE: _____