



British Approvals Service for Electrical Equipment in Flammable Atmospheres

1. CERTIFICATE OF CONFORMITY

- 2. BAS No Ex 822403
- 3. This certificate is issued for the electrical apparatus:

AN MTL 2215 IS-OUTPUT SWITCH OPERATED RELAY

4. manufactured and submitted for certification by:

MEASUREMENT TECHNOLOGY LIMITED of Luton, Beds LUl 3JJ

- 5. This electrical apparatus and any acceptable variation thereto is specified in the Schedule to this Certificate and the documents therein referred to.
- 6. BASEEFA being an Approved Certification Body in accordance with Article 14 of the Council Directive of the European Communities of 18 December 1975 (76/117/EEC) confirms that the apparatus has been found to comply with harmonised European Standards

BS 5501:Part 1:1977 EN50 014 BS 5501:Part 7:1977 EN50 020

and has successfully met the examination and test requirements which are recorded in confidential Test Report

No 82(i)252 dated 21 January 1983

7. The apparatus marking shall include the code

[EEx ia] IIC T ambient = 60° C

File No: SFA/16/2/040

B HILL .
DIRECTOR

Sheet 1/3

21 January 1983

- 8. The supplier, of the electrical apparatus referred to in this certificate, has the responsibility to ensure that the apparatus conforms to the specification laid down in the Schedule to this certificate and has satisfied routine verifications and tests specified therein.
- 9. This apparatus may be marked with the Distinctive Community Mark specified in Annex II to the Council Directive of 6 February 1979 (Doc 79/196/EEC). A facsimile of this mark is printed on sheet 1 of this certificate.

Sheet 2/3

CERTIFICATE OF CONFORMITY



NUMBER

Ex 822403

DATED

21 January 1983

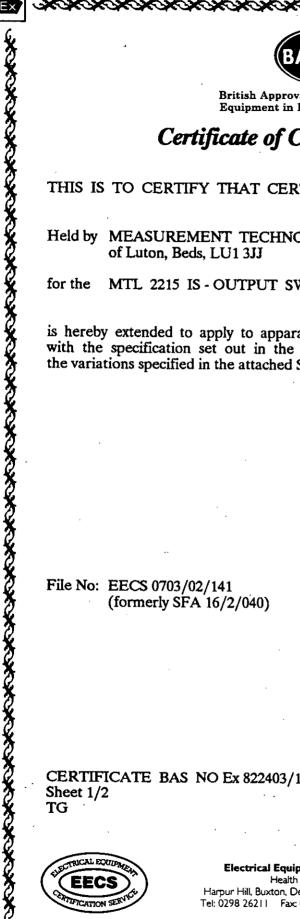
APPARATUS

AN MTL 2215 IS-OUTPUT SWITCH OPERATED RELAY is designed to switch loads in the hazardous area when controlled from the non hazardous area by a volt free contact or logic signal. The apparatus comprises three printed circuit boards, a relay, a transformer and two terminal strips mounted in a plastic enclosure. The two sets of relay change over contacts (considered as not being segregated from each other) are connected to the hazardous area terminals. The apparatus is considered to be coded [EEx ia] IIC when the hazardous area terminals are supplied from a power source (certified by any EEC Approved Body to [EEx ia] IIC or EEx ia IIC) which does not exceed 5A and 75V.

The electrical parameters of the circuitry connected to the hazardous area terminals meets the requirements of clause 1.3 of BS 5501: Part 1: 1977 EN50 014.

For non hazardous area terminals 9, 10, 13, 14, 15 and 16 U $_{\rm max:in}$ = 250V

DRAWINGS Number	Issue	Date	Description
CI2215-01 Sheet 1	1	9.82	Contents sheet
CI2215-01 Sheet 2	1	9.82	Parts list
CI2215-01 Sheet 3	1	9.82	Circuit diagram
CI2215-01 Sheet 4	1	9.82	Top p.c.b.
CI2215-01 Sheet 5	1	9.82	Secondary p.c.b.
CI2215-01 Sheet 6	1	9.82	General assembly
CI2215-01 Sheet 7	1	9.82	Label
CI2215-02 Sheet 1	1	11.82	2903 Transformer
CI2215-02 Sheet 2	1	11.82	2903 Transformer
CI2215-03 Sheet 1	1	11.82	2902 Transformer
CI2215-03 Sheet 2	1	11.82	2902 Transformer







British Approvals Service for Electrical Equipment in Flammable Atmospheres

Certificate of Conformity Variation

THIS IS TO CERTIFY THAT CERTIFICATE BAS NO Ex 822403

Held by MEASUREMENT TECHNOLOGY LTD of Luton, Beds, LU1 3JJ

MTL 2215 IS - OUTPUT SWITCH OPERATED RELAY

is hereby extended to apply to apparatus designed and constructed in accordance with the specification set out in the Schedule of the said Certificate but having the variations specified in the attached Schedule.

File No: EECS 0703/02/141 (formerly SFA 16/2/040)

CERTIFICATE BAS NO Ex 822403/1 Sheet 1/2 TG



I M CLEARE DIRECTOR EECS 1 March 1993



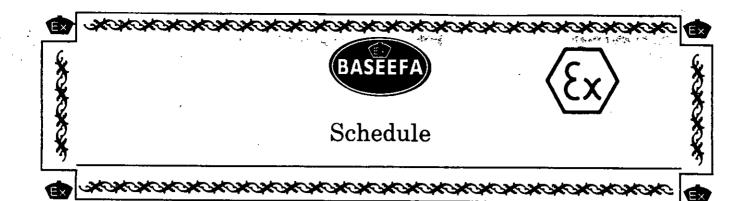
Electrical Equipment Certification Service Health and Safety Executive Harpur Hill, Buxton, Derbyshire, SK17 9IN, United Kingdom Tel: 0298 26211 Fax: 0298 79514 Telex: 668113 RLSD G

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Certificate of Conformity BAS No Ex 822403/1 dated 1 March 1993

VARIATION ONE

To permit minor modifications to the printed circuit boards and drawing information changes which do not affect intrinsic safety.

DRAWINGS

Number	Issue	Date	Description
CI 2215-01 Sheet 1 of 7	3	11.92	Contents sheet
CI 2215-01 Sheet 4 of 7	2	11.92	Top p.c.b.
CI 2215-01 Sheet 5 of 7	3	11.92	Secondary p.c.b.

