


ATEX DIRECTIVE 94/9/EC

EC Type Examination Certificate No. TRL03ATEX21036X

EC TYPE EXAMINATION CERTIFICATE



Product: DAU Escorte - EX
Model/Type Ref.: DAU Escorte - EX
Brief description of the product: Handheld equipment used to register plant equipment visited by a security guard during routine inspections.
Product type: Equipment
Client name and address: GCS (UK)
Challenge House
Northway Lane
Tewkesbury, Gloucestershire
GL20 8JD
Manufacturing location (see page 2 for details): GCS (UK), Tewkesbury, Gloucestershire, United Kingdom
ATEX certification code **CE**  **II 1 G D EEx ia IIC T4**

A sample of product has been tested and found to be in conformity with EN50014:1997/A2:1999, EN50020:2002, EN50284:1999 as shown in the test report (reference no: XU1077/4910).

This EC Type Examination Certificate has been established by a body notified to the Member States and Commission of the European Communities according to the provisions of Article 9 of the ATEX Directive of 23 March 1994.

This EC Type Examination Certificate is the result of testing of a sample of the product submitted, in accordance with the provisions of the relevant specific standard(s), and assessment of supporting documentation. It does not imply an assessment of the whole production. The manufacturer of the equipment 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 the routine verifications and tests referred to therein. This certificate and its schedules may only be reproduced in its entirety and without change. Certificate issued in accordance with the ATEX Certification Scheme.

S K Barrowcliff, Director, Safety Division

Issue date: 18 December 2003

Copy No.: 1e

Distribution:
Copies 1e GCS (UK);
Copies 2 & 3 held by TRL Compliance Services Ltd.

FULL ADDRESS OF MANUFACTURING LOCATION

Challenge House
Northway Lane
Tewkesbury, Gloucestershire
GL20 8JD
United Kingdom

GENERAL DESCRIPTION OF EQUIPMENT INCLUDED WITHIN THE SCOPE OF THIS CERTIFICATE

Handheld equipment used to register plant equipment visited by a security guard during routine inspections. Comprises a carbon loaded plastic enclosure containing three circuit boards namely an analogue board, digital board and reader board. The analogue and digital board are completely encapsulated with the bottom side of the reader board being encapsulated. A peizo electric buzzer provides audible indication and LEDs provide visual indication.

The equipment is powered by a non-rechargeable battery pack containing two AA batteries and two AAA batteries producing a maximum voltage of 4.95 V, the supply from the batteries is current limited using an adequately rated 63mA fuse. The fuse and batteries are completely encapsulated using a potting compound. The battery pack is fixed to the apparatus via two special fasteners that require drilling to be removed.

CERTIFICATION PARAMETERS

None.

CONDITIONS FOR MANUFACTURING

1. Manufacturer shall ensure that inductors L1 and L2 have a maximum inductance less than 90mH each.
2. Only battery types Panasonic LR6 alkaline AA size and Panasonic LR03 alkaline AAA size shall be used within the equipment.

SPECIAL CONDITIONS FOR SAFE USE

1. Equipment shall be regularly inspected for signs of damage. Damaged units must not be used in a potentially explosive atmosphere and shall be returned to the manufacturer.
2. The battery pack must not be removed or replaced in a potentially explosive atmosphere.

LIST OF APPROVED DRAWINGS AND DOCUMENTS

Number	Issue	Date	Description
15G 9.1/1	G1	28 Jan 03	GREAT KOMPLETT
15G 7.1/1	G1	28 Jan 03	GREAT KOMPLETT
15G 3.1/1	G1	28 Jan 03	GREAT KOMPLETT STUCKLISTE
15D 7.1/1	01	10 Jun 96	LESEKOPF
15H 7.1/1	B1	28 Jan 98	BATTERIEBLOCK 'EX'
15H 3.1/1	B1	28 Jan 98	BATTERIEBLOCK 'EX' STUCKLISTE
16B 1.1/1	A15	1 Feb 01	ANALOGPRINT PM20A150
16B 2.1/1	A15	1 Feb 01	ANALOGPRINT PM20A150
16B 3.1/1	A15	1 Feb 01	ANALOGPRINT PM20A150 STUCKLISTE
G16B 4.1/1	1	8 Jan 02	ANALOGPRINT LAYOUT BAUTEILSEITE M2:1 PM20A150
G16B 5.1/1	1	8 Jan 02	ANALOGPRINT LAYOUT LOTSEITE M2:1 PM20A150
16C 1.1/1	D14	20 Dec 01	DIGITALPRINT PM20D14X
16C 2.1/1	D14	20 Dec 01	DIGITALPRINT PM20D14X
16C 3.1/1	D14X	20 Dec 01	DIGITALPRINT PM20D14X STUCKLISTE
16C 4.1/1	1	25 Sep 03	DIGITALPRINT LAYOUT BAUTEILSEITE M2:1 PM20D140
16C 5.1/1	1	25 Sep 03	DIGITALPRINT LAYOUT LOTSEITE M2:1 PM20D140
15K 1.1/1	K1	28 Jan 98	KOMFMODUL VERSION KOPFV12-EX
15K 2.1/1	K1	28 Jan 98	KOMFMODUL VERSION KOPFV12-EX
15K 3.1/1	K1	28 Jan 98	KOMFMODUL VERSION KOPFV12-EX STUCKLISTE
15J 1.1/2	I1	28 Jan 98	INDUCTIVE BAUTEILE
15J 1.2/2	I1	28 Jan 98	INDUCTIVE BAUTEILE
DAU-ESC-EX-ATEX	2	25 Nov 03	DAU-ESCORTE-EX INTRINSIC LABELLING
9600-0386	1	25 Nov 03	User Instruction Leaflet – DAU-ESCORTE-EX

NOTES TO CE MARKING

Whilst CE Marking is referred to in the body of this certificate, TRL Compliance Services Ltd accepts no responsibility for the compliance of the equipment against all applicable Directives in all applications.

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