

Certificate of Compliance

Certificate: 1309968 (LR 99480-19)

Master Contract: 171050

Project: 1309968 (Edition 3)


Date Issued: April 15, 2002

Issued to: R. Stahl Schaltgeraete GmbH
Am Bahnhof 30
Waldenburg, D-74638
GERMANY

The products listed below are eligible to bear the CSA Mark shown



Issued by:


Dave Adams, P.Eng.
Certification Specialist

Authorized by: John Verwey, P.Eng.
Operations Manager

CLASS

3218-01 INDUSTRIAL CONTROL EQUIPMENT Custom Built - For Hazardous Locations

PRODUCTS

Ex e, II, T6; IP 66. Suitable -50°C to +40°C. T5 for -50°C to +55°C.
Class II, Division 1 and 2, Groups EFG, Class III.
CSA Enclosure Type 3, 4, 4x

PART 1

8125/. Empty Enclosure

PART 2

8125/1 Terminal Box Rated up to 1100 V

NOTE:

- (1) The above equipment may also bear the optional marking shown below in the Marking section.
- (2) Models will include addition suffixes denoting dimensions and details to its construction.
- (3) The 8125 Terminal Boxes can also be fitted with blue terminals for use with Intrinsically safe circuits.
- (4) Where current is limited to 5 A max per terminal, ratings may be "Ex e II T5, -20C to +70C, 5 A max"



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APPLICABLE REQUIREMENTS

The following standards were used in the evaluation of the products covered under this Certificate:

Technical Information Letter TIL E-24 - Clarification of Marking Requirements for Electrical Equipment Certified to the requirements of IEC 79 Series Standards, C22.2 Series Standards, or both.

- CSA Standard CAN/CSA E79-0 - Electrical apparatus for explosive gas atmospheres. General requirements.
- E79-7 - Electrical apparatus for explosive gas atmospheres. Increased safety.
- E1241 - Electrical apparatus for use in the presence of combustible dust.



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
LR 99480-19	September 17, 1997	Certificate Issued for 8125/. Enclosure, and 8125/1 Series Terminal Boxes.
LR 99480-26	January 15, 1998	Corrections to the -19 file.
1309968	April 15, 2002	Supercedes LR 99480-19 to include addition of alternate ratings.

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E1241 - Electrical apparatus for use in the presence of combustibile dust.

MARKINGS

Each apparatus will bear a nameplate permanently secured to the outside of the enclosure, visible after installation, containing the following information:

- (a) Submitter's name, trademark, or the CSA file number (adjacent the CSA Mark).
- (b) Catalogue or Model designation, a Serial number and/or date code, traceable to the month and year (at least) of manufacture
- (c) Complete hazardous location designation, including Temperature Code and CSA Enclosure designation. These markings may include:

*Ex e II T6; IP 66, Suitable -50 C to 40 C. T5 for -50 C to 55 C.
Class II, Division 1 and 2, Groups EFG; Class III.*

and optionally the following;

*Class I, Div 2, Groups ABCD, T6;
Class I, Zone 1, Groups II; T6;
Class I, Zone 1, Ex e II T6 IP66;*

- (d) The CSA Mark.
- (e) Cautions, warnings and additional markings as may be required (French markings are optional except in the Province of Quebec);

(1) Where repair is possible, the warning:

"WARNING- EXPLOSION HAZARD- SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2.";

or

"WARNING- EXPLOSION HAZARD- SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, ZONE 1";

(2) General caution:

"WARNING- EXPLOSION HAZARD- DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS.";

or the equivalent.

Note:

- (1) Where current is limited to 5 A max per terminal, ratings may be "Ex e II T5, -20C to -70C, 5 A max"

Required Method of Marking

The marking shall be permanent, such as embossed, moulded, edged or stamping to the material of the enclosure/component, or accepted pressure sensitive adhesive type lable or metal nameplate.

ALTERATIONS

None required.