



Member of the FM Global Group

FM Approvals
1151 Boston Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

9002/ab-c-d-e. Intrinsic Safety Barrier.

NI/II/2/ABCD/T4 Ta = 60°C; I/2/IIIC/T4; AIS/I,II,III/1/ABCDEFG; [I/0]/AEx [ia] IIC - Entity, 90 026 11 31 0;

- a = Channel A (Terminals 3 to Gnd): 0 (negative), 1 (positive), 2 (ac), 3 (diode return +), 4 (diode return -), 7 (star connected).
- b = Channel B (Terminals 4 to Gnd): 0 (negative), 1 (positive), 2 (ac), 3 (diode return +), 4 (diode return -), 7 (star connected).
- c = Safe maximum voltage for interconnection of channels A & B in 1/10V.
- d = Safe short circuit current for interconnection of channels A & B in mA.
- e = Suffix 001, 021, 041 or 111.

Special Conditions of Use:

1. The apparatus shall be installed in a suitable enclosure in accordance with the applicable requirements of the National Electrical Code, ANSI/NFPA 70, and ANSI/ISA-S82.02.01-1999 and ISA S82.03.

Equipment Ratings:

Nonincendive apparatus for use in Class I, Division 2, Group A, B, C, D and Class I, Zone 2, Group IIC with intrinsically safe connections for Class I, II, III, Division 1, Groups A, B, C, D, E, F, G and Class I, Zone 0, Group IIC hazardous (classified) locations when installed in accordance with Certification Drawing 90 026 11 31 0.

FM Approved for:

R. Stahl Schaltgeraete GmbH
P.O. Box 1263, Bergstrasse 2
D-74642 Kuenzelsau, Germany



Member of the FM Global Group

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	1998
Class 3610	1999
Class 3611	1999
Class 3810	1989

Original Project ID: 3010778

Approval Granted:

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
090216	May 14, 2009		

FM Approvals LLC

David W. Styracula
Technical Team Manager

5-14-09
Date