



Member of the FM Global Group

FM Approvals  
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# 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/IIC/T4; AIS/I,II,III/1/ABCDEFG; [I/0]/AEx [ia] IIC - Entity, 90 026 11 31 1;

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 1.

### FM Approved for:

R. STAHL Schaltgeraete GmbH  
Am Bahnhof 30  
D-74638 Waldenburg, Germany



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

Class 3600	1998
Class3610	2010
Class 3611	1999
Class 3810	1998
including Supplement #1	2005

Original Project ID: 3010778

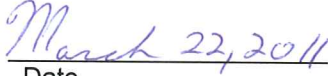
Approval Granted: May 29, 2001

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
090216	May 14, 2009		
110214	March 22, 2011		

FM Approvals LLC

  
 \_\_\_\_\_  
 Patrick Byrne  
 Technical Team Manager

  
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 Date