



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:

**8570/22-a. Plug.**

**8570/21-a. Receptacle.**

**85 708 05 76 0. Optional Auxiliary contact block NC**

**85 708 06 76 0. Optional Auxiliary contact block NO**

**85 708 07 76 0. Optional Auxiliary contact block NC for I.S. circuit**

**85 708 08 76 0. Optional Auxiliary contact block NO for I.S. circuit**

S / I / 2 / ABCD / T6 Ta = -50°C to +55°C; DIP / II,III / 1 / EFG / T6 Ta = -50°C to +55°C; I / 1 / AEx de IIC / T6 Ta = -50°C to +55°C

a = Configuration 302, 304, 305, 306, 307, 309, 404, 405, 406, 407, 409, 411, 412, 504, 505, 506, 507, 509, and 511.

**8570/5-a. Component Flange Receptacle.**

**85 708 05 76 0. Optional Auxiliary contact block NC**

**85 708 06 76 0. Optional Auxiliary contact block NO**

**85 708 07 76 0. Optional Auxiliary contact block NC for I.S. circuit**

**85 708 08 76 0. Optional Auxiliary contact block NO for I.S. circuit**

S / I / 2 / ABCD / T6 Ta = -50°C to +55°C; DIP / II,III / 1 / EFG / T6 Ta = -50°C to +55°C; I / 1 / AEx de IIC / T6 Ta = -50°C to +55°C; — 85 706 06 30 0

a = Configuration 302, 304, 305, 306, 307, 309, 404, 405, 406, 407, 409, 411, 412, 504, 505, 506, 507, 509, and 511

**8571/22-a. Plug.**

**8571/21-a. Receptacle.**

**85 708 05 76 0. Optional Auxiliary contact block NC**

**85 708 06 76 0. Optional Auxiliary contact block NO**

**85 708 07 76 0. Optional Auxiliary contact block NC for I.S. circuit**

**85 708 08 76 0. Optional Auxiliary contact block NO for I.S. circuit**

S / I / 2 / ABCD / T6 Ta = -50°C to +40°C, T5 Ta = -50°C to +55°C; DIP / II,III / 1 / EFG / T6 Ta = -50°C to +40°C, T5 Ta = -50°C to +55°C; I / 1 / AEx de IIC / T6 Ta = -50°C to +40°C, T5 Ta = -50°C to +55°C

a = Configuration 404, 405, 406, 407, 409, 411, 412, 504, 505, 506, 507, 509, and 511.

**8571/5-a. Component Flange Receptacle.**

**85 708 05 76 0. Optional Auxiliary contact block NC**

**85 708 06 76 0. Optional Auxiliary contact block NO**

**85 708 07 76 0. Optional Auxiliary contact block NC for I.S. circuit**

**85 708 08 76 0. Optional Auxiliary contact block NO for I.S. circuit**

S / I / 2 / ABCD / T6 Ta = -50°C to +40°C, T5 Ta = -50°C to +55°C; DIP / II,III / 1 / EFG / T6 Ta = -50°C to +40°C, T5 Ta = -50°C to +55°C; I / 1 / AEx de IIC / T6 Ta = -50°C to +40°C, T5 Ta = -50°C to +55°C; — 85 716 05 30 0

a = Configuration 404, 405, 406, 407, 409, 411, 412, 504, 505, 506, 507, 509, and 511

**8575/22-a. Plug.**

**8575/21-a. Receptacle.**

S / I / 2 / ABCD / T6; DIP / II,III / 1 / EFG / T6; I / 1 / AEx de IIC / T6

a = Configuration 100, 112, 200, 212, 304, 305, 306, 307, 309, 404, 405, 406, 407, 409, 412, 504, 505, 506, 507, and 509.

**8578/22-b. Plug.**

**8578/21-b. Receptacle.**

S / I / 2 / ABCD / T6; DIP / II,III / 1 / EFG / T6; I / 1 / AEx de IIC / T6

b = Configuration 404, 405, 406, 407, 409, 412, 504, 505, 506, 507, 509, and 512.

**8579/22-b. Plug.**

**8579/21-b. Receptacle.**

**8579/41-b. Receptacle.**

S / I / 2 / ABCD / T6; DIP / II,III / 1 / EFG / T6; I / 1 / AEx de IIC / T6

b = Configuration 404, 405, 406, 407, 409, 412, 504, 505, 506, 507, 509, and 512.

**8581/22-b. Plug.**

**8581/21-b. Receptacle.**

S / I / 2 / ABCD / T5; DIP / II,III / 1 / EFG / T5; I / 1 / AEx de IIC / T5

b = Configuration 404, 405, 406, 407, 409, 412, 504, 505, 506, 507, 509, and 512.

**Equipment Ratings:**

The Series 8570/... is suitable for Class I, Division 2, Groups ABCD, T6 Ta = 55°C; dust ignitionproof for Class II/III, Division 1, Groups EFG, T6 Ta = -50°C to +55°C, suitable for Class I, Zone 1, AEx de IIC T6 Ta = -50°C to +55°C; indoor and outdoor (Type 3, 4, 4X, IP66) hazardous (classified) locations.

The Series 8571/... is suitable for Class I, Division 2, Groups ABCD, T6 Ta = -50°C to +40°C, T5 Ta = -50°C to +55°C; dust ignitionproof for Class II/III, Division 1, Groups EFG, T6 Ta = -50°C to +40°C, T5 Ta = -50°C to +55°C, suitable for Class I, Zone 1, AEx de IIC T6 Ta = -50°C to +40°C, T5 Ta = -50°C to +55°C; indoor and outdoor (Type 3, 4, 4X, IP66) hazardous (classified) locations.

The Series 8575/... is suitable for Class I, Division 2, Groups ABCD, T6; dust ignitionproof for Class II/III, Division 1, Groups EFG, T6, suitable for Class I, Zone 1, AEx de IIC T6; indoor and outdoor hazardous (classified) locations.

The Series 8578/... is suitable for Class I, Division 2, Groups ABCD, T6; dust ignitionproof for Class II/III, Division 1, Groups EFG, T6, suitable for Class I, Zone 1, AEx de IIC T6; indoor and outdoor hazardous (classified) locations.



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The Series 8579/... is suitable for Class I, Division 2, Groups ABCD, T6; dust ignitionproof for Class II/III, Division 1, Groups EFG, T6, suitable for Class I, Zone 1, AEx de IIC T6; indoor and outdoor hazardous (classified) locations.

The Series 8581/... is suitable for Class I, Division 2, Groups ABCD, T5; dust ignitionproof for Class II/III, Division 1, Groups EFG, T5, suitable for Class I, Zone 1, AEx de II5 T6; indoor and outdoor hazardous (classified) locations.

FM Approved for:

R STAHL Schaltgeräte GmbH  
D-74638 Waldenburg (Württ.), GERMANY

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

|               |      |
|---------------|------|
| Class 3600    | 1998 |
| Class 3611    | 1999 |
| ANSI/NEMA 250 | 1991 |
| IEC 60529     | 1989 |
| IEC 60529 A1  | 1999 |

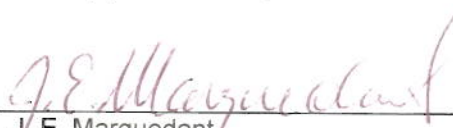
Original Project ID: 0R6A2.AX

Approval Granted: July 24, 1991

Subsequent Revision Reports / Date Approval Amended

| Report Number | Date             | Report Number | Date            |
|---------------|------------------|---------------|-----------------|
| 0D9A3.AE      | October 31, 1997 | 3D5A5.AE      | April 26, 1999  |
| 3021899       | January 26, 2005 | 3031009       | October 8, 2007 |
| 04042008      | May 28, 2008     | 3039954       | July 20, 2011   |

FM Approvals LLC

  
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J. E. Marquedant  
Group Manager - Electrical

20 July 2011  
Date