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Member of the FM Global Group

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

**8562/5a-bc0. Circuit Breaker.**

-25 °C ≤ Ta ≤ +40 °C

I / 1 / Ex d e IIC / T6

a = 1 or 2. (width)

b = 1 or 2. (number of poles)

c = 61, 62, 63, or 64. (breaker characteristics)

*Special Conditions of Use:*

1. The circuit breaker shall be installed in an enclosure with a minimum ingress protection of IP54.
2. The circuit breaker shall be installed in the enclosure such that the creepage and clearance comply with the requirements of specific application.
3. The circuit breaker shall be installed in the enclosure such that the creepage and clearance complies with the Increased Safety spacing requirements CAN/CSA C22.2 No. 60079-7.

**8562/5a-bc0. Circuit Breaker.**

-20 °C ≤ Ta ≤ +40 °C

I / 1 / Ex d e IIC / T6

a = 3. (width)

b = 3. (number of poles)

c = 61, 62, 63, or 64. (breaker characteristics)

*Special Conditions of Use:*

1. The circuit breaker shall be installed in an enclosure with a minimum ingress protection of IP54.
2. The circuit breaker shall be installed in the enclosure such that the creepage and clearance comply with the requirements of specific application.
3. The circuit breaker shall be installed in the enclosure such that the creepage and clearance complies with the Increased Safety spacing requirements CAN/CSA C22.2 No. 60079-7.

**8562/5a-bc0. Ground-Fault Interrupter.**

I / 1 / Ex de IIC / T6

-20 °C ≤ Ta ≤ +40 °C

a = 2 or 4. (width)

b = 2 or 4. (number of poles)

c = 50 or 51. (Leakage rate)

*Special Conditions of Use:*

1. The ground-fault interrupter shall be installed in an enclosure with a minimum ingress protection of IP54.
2. The ground-fault interrupter shall be installed in the enclosure such that the creepage and clearance comply with the requirements of specific application.
3. The ground-fault interrupter shall be installed in the enclosure such that the creepage and clearance complies with the Increased Safety spacing requirements CAN/CSA C22.2 No. 60079-7.

**8562/5a-2cd. Ground-Fault Interrupter.**

-20 °C ≤ Ta ≤ +40 °C

I / 1 / Ex de IIC / T6

a = 2 or 3. (Size)

c = 50 or 51. (Leakage rate)

d = 0, 1, 2, 3, 4, 5, 6, or 7. (Auxiliary Contacts)

*Special Conditions of Use:*

1. The ground-fault interrupter shall be installed in an enclosure with a minimum ingress protection of IP54.
2. The ground-fault interrupter shall be installed in the enclosure such that the creepage and clearance comply with the requirements of specific application.
3. The ground-fault interrupter shall be installed in the enclosure such that the creepage and clearance complies with the Increased Safety spacing requirements CAN/CSA C22.2 No. 60079-7.

**8562/54-4cd. Ground-Fault Interrupter.**

I / 1 / Ex de IIC / T5

-20 °C ≤ Ta ≤ +40 °C

c = 50 or 51. (Leakage rate)

d = 0, 1, 2, 3, 4, 5, 6, or 7. (Auxiliary Contacts)

*Special Conditions of Use:*

1. The ground-fault interrupter shall be installed in an enclosure with a minimum ingress protection of IP54.
2. The ground-fault interrupter shall be installed in the enclosure such that the creepage and clearance comply with the requirements of specific application.
3. The ground-fault interrupter shall be installed in the enclosure such that the creepage and clearance complies with the Increased Safety spacing requirements CAN/CSA C22.2 No. 60079-7.

**Equipment Ratings:**

Class I, Zone 1 Ex de IIC T6 or T5

-20 °C ≤ Ta ≤ +40 °C

-25 °C ≤ Ta ≤ +40 °C (1-Pole and 2-Pole Ex MCB)

**FM Approved for:**

R. Stahl Schaltgeraete GmbH  
D-74638 Waldenburg, GERMANY

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

CSA C22.2 No. 5	2002
CSA C22.2 No. 65	2003
CSA C22.2 No. 60079-0	2007
CSA E60079-1	2002
CSA E60079-7	2003
CSA C22.2 No. 144	2006

Original Project ID: 3033692C

Approval Granted: December 8, 2008

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3040981	August 31, 2012	PR455748	
PR455748	February 24, 2020		

FM Approvals LLC



J.E. Marquedant  
VP, Manager – Electrical Systems

24 February 2020  
Date