

CERTIFICATE OF CONFORMITY

1. HAZARDOUS LOCATION COMPONENT PER CANADIAN REQUIREMENTS

2. **Certificate No:** FM23CA0030U
3. **Component:** Series 8549/1-abb. Disconnect, Load, and Motor Switch
(Type Reference and Name)
4. **Name of Listing Company:** R. STAHL Schaltgeräte GmbH
5. **Address of Listing Company:** Am Bahnhof 30, D-74638 Waldenburg (Württ.), Germany
6. The examination and test results are recorded in confidential report number:

3040588 dated 31st August 2012

7. FM Approvals LLC, certifies that the component described has been found to comply with the following Approval standards and other documents:

CSA C22.2 No. 0:2020, CSA C22.2 No. 14:2018, CSA C22.2 No. 60079-0:2019, CSA C22.2 No. 60079-1:2016, CSA C22.2 No. 60079-7:2018, CSA C22.2 No. 65:2021

8. The sign 'U' placed after the certificate number indicates that this certificate must not be mistaken for a certificate for equipment or a protective system. This certificate may only be used as the basis for the certification of equipment or a protective system. This certificate is issued to the manufacturer also intended to be the holder of the equipment certificate which includes this component.
9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

10. Component Ratings:

Flameproof "db" with Increased Safety Terminals "eb" for Group IIC Gb
 $-60^{\circ}\text{C} \leq T_S \leq +100^{\circ}\text{C}$ (for explosion protection)
 $-50^{\circ}\text{C} \leq T_A \leq +80^{\circ}\text{C}$

11. The marking of the component shall include:

Ex db eb IIC Gb

Certificate issued by:



J.E. Marquedant
VP, Manager - Electrical Systems

2 June 2023

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmaprovals.com www.fmaprovals.com

F 331 (Apr 21)



SCHEDULE

Canadian Certificate Of Conformity No: FM23CA0030U



12. Description of Component:

8549/1-abb. Disconnect, Load, and Motor Switch.

a = 3 or 4. (number of poles)

b = Additional variants not affecting FM Approval

Rated voltages of 480 VAC, 240 VAC, 120VAC, 240 VDC, 125VDC, and 62.5 VDC with a current rating of 150 Amperes

Also rated voltage of 600 VAC with a current rating of 125 Amperes

The 240 VDC rating is with three contacts connected in series

The 125 VDC rating is with two contacts connected in series

The 62.5 VDC rating is with only one contact connected

13. Schedule of Limitations:

1. The switch shall be installed in an enclosure with a minimum ingress protection of IP54 per CSA C22.2 No. 60079-0.
2. The switch shall be installed in the enclosure such that the creepage and clearance comply with the requirements of specific application.
3. The switch shall be installed in the enclosure such that the creepage and clearance also complies with the Increased Safety spacing requirements CAN/CSA C22.2 No. 60079-7.

14. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals Canadian Certification Scheme.

15. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
31 August 2012	Original Issue.
2 June 2023	<u>Supplement 1:</u> Report Reference: RR236946 dated 2 June 2023. Description of the Change(s): <ul style="list-style-type: none">o Alternate materials of construction addedo Reduce lower ambiento Update to latest standardso US and CA Certificates created

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA

T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmaprovals.com www.fmaprovals.com

F 331 (Apr 21)

