

## **Type Approval Certificate**

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	ABB Stotz- Kontakt GmbH Eppelheimer Straße 82 69123 Heidelberg Germany		
DESCRIPTION	Miniature Circuit Breakers wi	ithout enclosures	
TYPES	S 200 S 200 M 1-, 1+N-, 2-, 3-, 3+N-, 4-pole 0.5 -63 A Instantaneous tripping currer S 200 MUC 1-, 2-, 3-, 4-pole 0.2 -63 A Instantaneous tripping currer		
APPLICATION	Marine, Industrial and Offsho	ore use	
ADDITIONAL TESTS	For S 200 and S 200 M Vibration test 1 as per Test Sp Low temperature test 5°C/ 1. Dry heat test 70 °C/ 1.5 hours	5 hours	
SPECIFIED STANDARDS	IEC 60947-1: 2007 IEC 60947-2: 2016		
Certificate No.	13/20015(E3)		
Issue Date	03 April 2018	Jochen Körner Hamburg Tegrinical Support Office	loyd's legister
Expiry Date	6 March 2023	Lloyd's Register EMEA	
Sheet	1 of 2	Jochen Körner Hamburg Technical Support Office Lloyd's Register EMEA	

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OTHER CONDITIONS	Places of production for S 200 MUC: Germany and China
PLACES OF PRODUCTION	ABB Stotz- Kontakt GmbH Eppelheimer Straße 82 69123 Heidelberg Germany
	ABB LV Installation Materials Co., Ltd. Beijing No. 17 Kangding Street, Beijing Economic-Technological Development Area 100176, PR China
	ABB Bulgaria EOOD -Rakovski Branch Industrial Zone, Plovdiv District 4150 Rakovski

*The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.* 

Bulgaria

*If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.* 

The Design Appraisal Document No. HTS/ETS 36719-18 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

**Certificate No.** 13/20015(E3)

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