

Type Approval Certificate Extension

This is to certify that Certificate No. 04/20041 for the undernoted products is amended and renumbered as shown.

This certificate is issued to:

PRODUCER	ABB Stotz-Kontakt GmbH
PLACE OF PRODUCTION	Eppelheimer Strasse 82 69123 Heidelberg Germany
DESCRIPTION	Miniature Circuit Breaker
TYPES	S200 S200M
APPLICATION	Marine, offshore and industrial use
DESIGN CODE	EN 60898-1: 2003 + A1: 2004

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. ETS 23599-10 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 04/20041 to which this extension should be attached.

Certificate No.	04/20041 (E1)
Issue Date	17 September 2010
Expiry Date	18 July 2014
Sheet	1 of 1



Thorsten Wolff
Hamburg Design Support Centre
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Marine Design Appraisal Document

Lloyd's Register EMEA
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Date
17 September 2010
Quote this reference on all future communications
HPC 1022057/23599-10/TW/MG

THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2002
ISSUED TO: ABB STOTZ-KONTAKT GMBH
FOR: MINIATURE CIRCUIT BREAKER
TYPES: S200, S200M
TYPE APPROVAL CERTIFICATE NO. 04/20041 (E1)

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the certificate.

ADDITIONAL APPROVAL DOCUMENTATION

LR6606	Approval Services - Request for Quotation	04.03.2010
HPC 1022057	Inspection Report	14.07.2010
000413 QM08 UM	ISO 9001 Certificate	02.11.2009
40013956	VDE Certificate	04.05.2005
40000870	VDE Certificate	28.03.2002

Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

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

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the LR Type Approval System Procedure.



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FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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Part 1B

Subject: Electrical Equipment (Not Environmentally Tested)

Product: Circuit Breakers

Description of Product		Remarks	Cert. No.
Producer/Licence No.	Type		
ABB Stotz-Kontakt GmbH Eppelheimer Strasse 82 69123 Heidelberg Germany	Miniature Circuit Breaker Types: S200 S200M	Expires: 18 July 2014 Marine, offshore and industrial use.	04/20041 (E1)
Details of Approval Rated current I_n (30°C) : 0.5 ... 63A (C characteristic) 6 ... 63A (B characteristic) Rated operational voltage U_n : 230/400 V AC (suitable in a 415/240 V system) Rated insulation voltage U_i : 500V Rated frequency f_n : 50/60 Hz Breaking capacity I_{br}/I_{cs} : 6 kA (S200) 10 kA (S200M) Making capacity: 6 kA (S200) 10 kA (S200M) Tripping characteristic: B, C Utilization category: A Overvoltage category: III Pollution degree: 2 Number of poles: 1-pole S201 (M) 2-pole S202(M) 3-pole S203 (M) 4-pole S204 (M)			

Yw/17, 09.2010