

# 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.

<b>Manufacturer</b>	<b>ABB Stotz-Kontakt GmbH</b>
<b>Address</b>	Eppelheimer Str. 82, Heidelberg, 69123, Germany
<b>Type</b>	Contactors
<b>Description</b>	Low voltage contactors
<b>Trade Name</b>	B6, B7
<b>Application</b>	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – 1996.
<b>Specified Standard</b>	EN 60947-4-1: 2010/A1: 2012 EN60947-5-1: 2004/A1: 2009 EN 60947-1: 2007/A1: 2011/A2:2014
<b>Ratings</b>	refer to the Appendix for details

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 Design Appraisal Document No. HTS/ETS 39616-20/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

71 Fenchurch Street, London, EC3M 4BS, UK

**Thorsten Wolff**

Senior Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group

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## Appendix

### RATINGS

Type	Utilisation Category	Operational Voltage Ue	Operational Current Ie	Thermal Current Ith
B6	AC3	240V	8A	20A
	AC3	440V	8A	20A
	AC3	500V	6.5A	12A
B7	AC3	240V	11A	20A
	AC3	440V	11A	20A
	AC3	500V	9A	12A