



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 10/20003 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	ABB STOTZ-KONTAKT GmbH
PLACE OF PRODUCTION	Eppelheimer Strasse 82 69123 Heidelberg Germany
DESCRIPTION	Manual motor starter
TYPES	MS132-x and MO132-x x = rated operational current $I_e = 0.1 - 32 A$ Auxiliary contacts: HKF1-11, HK1-11, HK1-20, HK1-02 Signalling contacts: SK1-11, SK1-20, SK1-02 Short-circuit signalling contacts: CK1-11, CK1-20, CK1-02 Undervoltage tripping modules: UA1 Current working tripping modules: AA1
APPLICATION	Marine applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - 2002.
ADDITIONAL TEST	Low temperature test (-25°C/16hrs)
DESIGN CODE	EN 60947-1:2007 / A1:2011 EN 60947-2:2006 / A1:2009 / A2:2013 EN 60947-4-1:2010 / A1:2012 EN 60947-5-1:2004 / A1:2009
Certificate No.	10/20003(E1)
Issue Date	12 June 2015
Expiry Date	18 January 2020
Sheet	1 of 2



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"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. HTS/ETS 31871-15 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 10/20003 to which this extension should be attached.

Certificate No.	10/20003(E1)
Issue Date	12 June 2015
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Sheet	2 of 2

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