Certificate No: LR2665647TA
Issue Date: 23/04/2026
Expiry Date: 10/11/2029

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.

Manufacturer **ABB AG – STOTZ-KONTAKT**

Address Eppelheimer Str. 82, Heidelberg, 69123, Germany

Place of Production ABB Xinhui Low Voltage Switchgear Co., Ltd.

Jinguzhou Industrial Development Zone, Xinhui Dist., Jiangmen, 529100, China

Type Relays - Thermal & Magnetic With Oil Dash Pot

Description Thermal Overload Relays

Trade Name TF65-28, TF65-33, TF65-40, TF65-47, TF65-53, TF65-60, TF65-67, TF96-51, TF96-60, TF96-68, TF96-78, TF96-87, TF96-96

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 – 2013.

Specified Standard EN 60947-1:2007/A1:2011/A2:2014
EN 60947-4-1:2019/AC:2020-05
EN 60947-5-1:2017/AC:2020-05

Ratings

Type	Voltage [V]	Setting range [A]
TF65-28	690	22.0…28.0
TF65-33	690	25.0…33.0
TF65-40	690	30.0…40.0

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Electrical & Control - Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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TF65-47	690	36.0…47.0
TF65-53	690	44.0…53.0
TF65-60	690	50.0…60.0
TF65-67	690	57.0…67.0
TF96-51	690	40.0…51.0
TF96-60	690	48.0…60.0
TF96-68	690	57.0…68.0
TF96-78	690	65.0…78.0
TF96-87	690	75.0…87.0
TF96-96	690	84.0…96.0

Additional Tests Low temperature test (-25°C/16h)

Other Conditions Ratings for application in hazardous areas are to be obtained from the applicable Ex Certificates.

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.

Previous Version: LR2011325TA

The Design Appraisal Document TSO-25-047560/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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