



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
Type	Relays - Thermal & Magnetic With Oil Dash Pot
Description	Thermal overload relay
Trade Name	T16, TF42
Application	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 – 2002.
Specified Standard	EN 60947-1:2007/A1:2011/A2:2014 EN IEC 60947-4-1:2019/AC:2020-05 EN 60947-5-1:2017/AC:2020-05
Ratings	Rated operational voltage Ue: 690 V Setting range T16: 0.1– 16 A TF42: 0.1 – 40 A
Additional Tests	Low temperature (-25°C/16h)

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Thorsten Wolff

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Type Approval Certificate

Other Conditions

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

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

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.

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: LR22114249TA

The Design Appraisal Document TSO-26-061706/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.