

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 Stotz-Kontakt GmbH
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	EN60947-1:2007/A1:2011/A2:2014 EN60947-4-1:2010/A1:2012 EN 60947-5-1:2017
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)

Thorsten Wolff

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

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

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

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: 11/20007 (E1)

The Design Appraisal Document HPC1662162-22/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.