

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

Place of Production ABB BULGARIA EOOD

1 Varna str., Petrich, 2850, Bulgaria

Type Relays - Thermal & Magnetic With Oil Dash Pot

Description Thermal overload relays

Trade Name TA25DU, TA42DU, TA75DU, TA80DU, TA110DU, TA200DU, TA450DU + SU

Application Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – 2002.

Specified Standard EN 60947-4-1:2010 / A1:2012

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Ratings	Types	Voltage	Setting Range
	TA25DU	690 V	0.16 – 32A
	TA42DU	690 V	18 – 42A
	TA75DU	690 V	18 – 80A
	TA80DU	690 V	29 – 80A
	TA110DU	690 V	65 – 110A
	TA200DU	690 V	130 – 400A
	TA450DU+ SU	690 V	130 – 400A

Additional Tests Low temperature test (-25°C)

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 40313-20/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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