DNV·GL

Certificate No:
TAE00002SG

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electrical Equipment

with type designation(s)
510, 510/3, 510/4

Issued to
WISKA Hoppmann GmbH
Kaltenkirchen, Germany

is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.
Temperature
Humidity
Vibration

Issued at **Hamburg** on **2018-05-08**
This Certificate is valid until **2019-05-11**.
DNV GL local station: **Hamburg**

Approval Engineer: **Uwe Supke**

for **DNV GL**

Arne Schaarmann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Product description

Explosion Protected Junction Box Type: 510, 510/3, 510/4
Brass junction box, 4 poles

Rated voltage :	500 V
Rated current :	23 A (max. 30 A)
Rated cross-section:	2,5 mm²
Degree of protection:	IP 56
Temperature range :	- 50°C to + 100°C
Degree of explosion protection:	EEx e II T6 as per certificate PTB 03 ATEX 1155

Application/Limitation

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

Applicable tests according to GL Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012
EN 60529:2000

Marking of product

The products to be marked with:

- Manufacturer name
- Model name
- Power supply ratings
- Degree of protection

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.
The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE