DNV·GL

Certificate No:
TAE00002JH

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Terminal Block

with type designation(s)
HSKG Stud terminal types

Issued to
CONTA-CLIP Verbindungstechnik GmbH
HÖVELHOF, 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.

Issued at **Hamburg** on **2018-02-07**
This Certificate is valid until **2023-02-06**.
DNV GL local station: **Magdeburg**

for **DNV GL**

Approval Engineer: **Harald Amberger**

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

Terminal blocks for copper conductor

Type:	Current (A)	Cross section (mm²)
HSKG 120/M10/B/B	269	120
HSKG 185/M12/B/B	353	185
HSKG 300/M16/B/B	520	300

Rated insulation voltage: 1000V
Rated impuls withstand voltage: 8kV

Material: Wellamid PA 66 (UL94 V0)
Frianyl PA66 (UL94 V0)

Application/Limitation

Location Classes:
Temperature: B, Humidity: B, Vibration: A

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

EN 60947-7-1: 2009, vibration, flamability.

Marking of product

CONTA-CLIP - Type designation - Main data.

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