

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Heavy Duty Connectors

with type designation(s)
HDC Rockstar CSB (Concept System Bus)

Issued to

Weidmüller Interface GmbH & Co. KG
Detmold, 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 **2018-09-26**

This Certificate is valid until **2023-09-25**.

DNV GL local station: **Essen**

for **DNV GL**

Approval Engineer: **Harald Amberger**

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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.



Product description

Type designation	Rated current	Rated voltage	Cross-section
HDC CM BUS SV F4 CT	10A	50V	1,5mm ²
HDC CM BUS SV F1 CT	10A	50V	1,5mm ²
HDC CM BUS SV M4 CT	10A	50V	1,5mm ²
HDC CM BUS SV M1 CT	10A	50V	1,5mm ²

Assembled with:

Enclosure Types	HDC RockStar
Frames	HDC CFM ...
Modules	HDC CM BUS SV F2 or HDC CM BUS SV M2
Contacts	HDC- C- HD ...

Application/Limitation

Location Classes:

Temperature: B, Humidity: B, Vibration: B, Enclosure: IP 65

Derating of the current carrying capacity depending on ambient temperature and cross section as per operating instruction of the manufacturer

Type Approval documentation

Tests carried out

EN 61884:2002; 60529:2000, Cold, dry heat, damp heat, vibration, flame retardancy

Marking of product

Weidmüller – 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