

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Terminal Block**

with type designation(s)
RJ 45 Connector IE - ... (series)

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 **2019-06-06**

This Certificate is valid until **2024-06-05**.

DNV GL local station: **Magdeburg**

Approval Engineer: **Carsten Hunsalz**

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.



Product description

Connector module Cat.6 RJ45

full shielded RJ45 connector
material (body)
wire termination
number of cores
ingress protection

die-cast zinc
IDC insulation displacement connection
4 twisted pair cables 0.4 - 0.63mm
depending on application IP20 / IPX7

compliance with following standards: TIA/EIA 568B2.1
as per GHMT P996a-02-D, P1282a-04-D

The connector modul Cat.6 RJ45 is basis of the following products

IE-U-XRJ45/RJ45
IE-XM-RJ45/IDC
IE-XM-RJ45/IDC-B
IE-XM-RJ45/IDC-IP67
IE-XM-RJ45/IDC-IP67B
IE-XM-RJ45/IDC-IP67-ABL
IE-XM-RJ45/RJ45
IE-XM-RJ45/RJ45-IP67
IE-XM-6D-RJ45/RJ45-IP67
IE-XM-6U-RJ45/RJ45-IP67
IE-XRJ45/IDC
IE-XRJ45/IDC-B
IE-XRJ45/IDC-ABL
IE-XRJ45/RJ45
IE-XRJ45/RJ45-ABL
IE-S-IP67
IE-S-IP67-B
IE-C-IP67
IE-C-IP67-B
IE-P-IP67
IE-PS-RJ45-FH-180
IE-PS-RJ45-FH-90

Application/Limitation

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

To be installed in accordance with the manufacturer's instructions and DNV GL rules.

Type Approval documentation

MCT report :T06_144b, T03_087,
GHMT report: P996a-02-D, P1282a-04-D
data sheet IE – Line classic Nr. 0001 , 17 pages

Tests carried out

DNV GL Class Guideline DNVGL-CG-0339, Edition November 2016

Job Id: **262.1-031015-1**
Certificate No: **TAE00003EW**

Marking of product

The product or packing is to be marked with name of manufacturer and type designation.

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