



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAE00004TX
Revision No:
1

This is to certify:
that the Terminal Block

with type designation(s)
LP...

issued to
Phoenix Contact GmbH & Co. KG
Blomberg, Nordrhein-Westfalen, Germany

is found to comply with
DNV 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.

Issued at **Hamburg** on **2024-07-18**

for **DNV**

This Certificate is valid until **2028-12-06**.

DNV local unit: **Essen**

Approval Engineer: **Harald Amberger**

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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: TA 251

Revision: 2023-09

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Product description

LP 2,5/X	Plug, Push-in connection, X number of positions
LPS	Service connector, Push-in connection
LPO	Pick-up plug, Push-in connection

Type Designation	Cross section	Rated current	Rated voltage
LP 2,5/ 1	2,5mm ²	24A	800V
LP 2,5/ 2	2,5mm ²	24A	800V
LP 2,5/ 3	2,5mm ²	24A	800V
LP 2,5/ 4	2,5mm ²	24A	800V
LP 2,5/ 5	2,5mm ²	24A	800V
LP 2,5/ 6	2,5mm ²	24A	800V
LP 2,5/ 7	2,5mm ²	24A	800V
LP 2,5/ 8	2,5mm ²	24A	800V
LP 2,5/ 9	2,5mm ²	24A	800V
LP 2,5/ 10	2,5mm ²	24A	800V
LP 2,5/ 11	2,5mm ²	24A	800V
LP 2,5/ 12	2,5mm ²	24A	800V
LP 2,5/ 13	2,5mm ²	24A	800V
LP 2,5/ 14	2,5mm ²	24A	800V
LP 2,5/ 15	2,5mm ²	24A	800V
LP 2,5/ 1-L	2,5mm ²	24A	800V
LP 2,5/ 1-M	2,5mm ²	24A	800V
LP 2,5/ 1-R	2,5mm ²	24A	800V
LPO 2,5/E	2,5mm ²	24A	800V
LPO 2,5	2,5mm ²	24A	800V
LPO 4/E	2,5mm ²	24A	800V
LPO 4	2,5mm ²	24A	800V
LPO 6/E	2,5mm ²	24A	800V
LPO 6	2,5mm ²	24A	800V
LPO 10/E	2,5mm ²	24A	800V
LPO 10	2,5mm ²	24A	800V
LPO 16/E	2,5mm ²	24A	800V
LPO 16	2,5mm ²	24A	800V
LPO 35/E	2,5mm ²	24A	800V
LPO 35	2,5mm ²	24A	800V
LPS-5/E	2,5mm ²	24A	800V
LPS-5	2,5mm ²	24A	800V
LPS-6/E	2,5mm ²	24A	800V
LPS-6	2,5mm ²	24A	800V
LPS-8/E	2,5mm ²	24A	800V
LPS-8	2,5mm ²	24A	800V
LPS-10/E	2,5mm ²	24A	800V
LPS-10	2,5mm ²	24A	800V
LPS-12/E	2,5mm ²	24A	800V
LPS-12	2,5mm ²	24A	800V
LPS-16/E	2,5mm ²	24A	800V
LPS-16	2,5mm ²	24A	800V

Application/Limitation

Operating instruction of the manufacturer to be observed

Type Approval documentation

97251476, 97262502, 97262506, 97262510, 97262514, 97262517, 97262519, 97291100, 97291103
97291109, 97291114, 97291116
TR_IO0040801, TR_IO0040802, TR_IO0040803, TR_IO0040804, TR_IO0040805, TR_IO0040806
TR_IO0040824, TR_IO0040825, TR_IO0040826, TR_IO0040827, TR_IO0040828, TR_IO0040829
TR_IO0040830

Tests carried out

IEC 61984:2008-10, IEC 60947-7-1:2009-04, EN60999-1, Environmental tests acc. DNV-CG-0339

Marking of product

Phoenix - Type designation - Main data.

All type designation may be followed by suffix such as color or packaging options.

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