



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAE00003J4
Revision No:
2

This is to certify:
that the Terminal Block

with type designation(s)
MUT..., MTP...

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 **2024-06-18**

for **DNV**

This Certificate is valid until **2029-06-30**.

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

MUT...	Mini feed-through terminal block	screw connection	
MPT...	Mini feed-through terminal block	push-in connection	
Type designation	Cross section	Rated Current	Rated Voltage
MUT 1,5	1,5mm ²	17,5A	400V
MUT 1,5-PE	1,5mm ²		
MUT 2,5	2,5mm ²	24A	500V
MUT 2,5-PE	2,5mm ²		
MUT 4	4,0mm ²	32A	500V
MUT 4-PE	4,0mm ²		
MUT 6	6,0mm ²	41A	500V
MUT 6-PE	6,0mm ²		
MUTTB 2,5	2,5mm ²	22A	500V
MUTTB 2,5 PV	2,5mm ²	22A	500V
MPT 2,5	2,5mm ²	24A	500V
MPT 2,5-NS 15	2,5mm ²	24A	800V
MPT 2,5-NS 35	2,5mm ²	24A	800V
MPT 2,5-M	2,5mm ²	24A	800V
MPT 2,5-RZ	2,5mm ²	24A	800V
MPT 2,5-PE	2,5mm ²		
MPT 2,5-NS 15-PE	2,5mm ²		
MPT 2,5-NS 35-PE	2,5mm ²		
MPT 4	4,0mm ²	32A	500V
MPT 4-PE	4,0mm ²		
MPT 1,5/S	1,5mm ²	17,5A	500V
MPT 1,5/S-PE	1,5mm ²		

Application/Limitation

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

Operating instruction of the manufacturer to be observed

Type Approval documentation

PB 16047, 16048, 16488, 16490, 16496, 16500, 16501, LDB 3553, 3655, 3593, 3596

TPB 1967, 1987, 1988, 1989, 2011, 2012

TR_IO0038422, TR_IO0038423, TR_IO0038424, TR_IO0038425, TR_IO0039276, TR_IO0039277, TR_IO0038882
 TR_IO0038883, TR_IO0038884, TR_IO0038885, TR_IO0038886, TR_IO0038887, TR_IO0038888, TR_IO0040831
 TTR_3248025_01, TTR_3248027_01, TTR_3248038_00, TTR_3248040_01, TTR_3249000_00, TTR_3249002_00

Tests carried out

IEC 60947-7-1: 2009, IEC 60947-7-2: 2009, Cold, dry heat, damp heat, vibration, flame retardancy

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