



TYPE APPROVAL CERTIFICATE

Certificate No:
TAE00001CT
Revision No:
2

This is to certify:

That the Terminal Block

with type designation(s)

MBK.., MT.., UDK.., UK.., UH.., URELG.., URTK.., USLKG.., UVKB.., OTTA..

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 **2021-09-13**

This Certificate is valid until **2026-09-12**.

for **DNV**

DNV local station: **Essen**

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.

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: 2021-03

www.dnv.com

Page 1 of 5

Product description

MBK..	Miniature terminal block	MT..	Micro terminal block
MTK..	Disconnect terminal block	UDK..	Multi conductor terminal block
UK...,UVKB..	Feed-through terminal block	UH..	High current terminal block
UKK..	Multi-level terminal block	UKK5-Dio..	Component terminal block
URELG..	Relay socket	URTK..	Test disconnect terminal block
USLKG..	Ground terminal block	OTTA..	Terminal block with bolt connection

Type designation	Cross-section	Rated current	Rated voltage
MBK	1,5/2,5mm ²	18/24A	500V
MBK 3	2,5/4,0mm ²	24/32A	500V
MBK 5	4,0mm ²	32A	500V
MBK 5/E	4,0mm ²	32A	500V
MBKKB 2,5	4,0mm ²	24A	500V
MT 1,5	1,5mm ²	18A	400V
MT 1,5-PE	1,5mm ²		
MT 1,5-QUATTRO	1,5mm ²	18A	400V
MT 1,5-QUATTRO-PE	1,5mm ²		
MT 1,5-TWIN	1,5mm ²	18A	400V
MT 1,5-TWIN-PE	1,5mm ²		
MTK	2,5/4,0mm ²	16A	400V
MTK-P/P	2,5/4,0mm ²	16A	400V
MTK-P/P RD	2,5/4,0mm ²	16A	400V
MTTB 1,5	1,5mm ²	18A	400V
UDK 4	4,0mm ²	32A	750V
UDK 4-MTK	4,0mm ²	16A	750V
UK 1,5 N	1,5mm ²	18A	500V
UK 2,5 N	2,5/4,0mm ²	24A	800V
UK 2,5 B	4,0mm ²	24A	690V
UK 3	4,0mm ²	32A	800V
UK 3 N	2,5/4,0mm ²	24/32A	800V
UK 3-TWIN	2,5mm ²	24A	400V
UK 4	4,0mm ²	32A	800V
UK 4-T-P/P	4,0mm ²	16A	500V
UK 5	4,0mm ²	32A	800V
UK 5 N	4,0/6,0mm ²	32/41A	800V
UK 5-MTK	6,0mm ²	16A	800V
UK 5-RETURN	4,0mm ²	41A	800V
UK 5-RETURN-PE	4,0mm ²		
UK 5-TWIN	4,0mm ²	32A	500V
UK 5-TWIN-PE	4,0mm ²		
UK 6 N	6,0/10mm ²	41/57A	800V
UK 10	10mm ²	57A	800V
UK 10 N	10/16mm ²	57/76A	800V
UK 16	16mm ²	76A	800V
UK 16 N	16/25mm ²	76/101A	800V
UK 35	35/50mm ²	125/150A	1000V

Type designation	Cross-section	Rated current	Rated voltage
UKH 50	50mm ²	150A	1000V
UKH 70	70mm ²	192A	1000V
UKH 70-PE/S	70mm ²		
UKH 95	95mm ²	232A	1000V
UKH 150	150mm ²	309A	1000V
UKH 240	240mm ²	415A	1000V
UKK 5	4,0mm ²	32A	500V
UKK 5-DIO/O-U	4,0mm ²	32A/1A ¹	500V
UKK 5-DIO/UL-UR	4,0mm ²	32A/0,5A ¹	500V
UKK 5-DIO/U-O	4,0mm ²	32A/0,5A ¹	500V
UKKB 3	2,5/4,0mm ²	24A/32A	500V
UKKB 5	4,0mm ²	32A	500V
UKKB 5-PE	4,0mm ²		
URELG 3	4,0mm ²	16A ²	400V ²
URELG 3-PMTK	4,0mm ²	16A ²	400V ²
URELG 4	4,0mm ²	16A ²	400V ²
URELG 4-PMTK	4,0mm ²	16A ²	400V ²
URELG 7	4,0mm ²	16A ²	400V ²
URELG 7-PMTK	4,0mm ²	16A ²	400V ²
URTK/S	6,0/10mm ²	41/57A	400V
URTK/S-BEN	6,0/10mm ²	41/57A	500V
USLKG 1,5 N	1,5mm ²		
USLKG 10	10mm ²		
USLKG 10 N	16mm ²		
USLKG 16	16mm ²		
USLKG 16 N	25mm ²		
USLKG 2,5	4,0mm ²		
USLKG 2,5 N	4,0mm ²		
USLKG 3	4,0mm ²		
USLKG 35	50mm ²		
USLKG 4	4,0mm ²		
USLKG 5	6,0mm ²		
USLKG 50	50mm ²		
USLKG 95	95mm ²		
UVKB 4-FS(2,8)TP(2,4)234D/L	4,0mm ²	29A	500V
UVKB 4-FS(4-2,8)TP(2,4X0,8)4L	4,0mm ²	29A	500V
UVKB 4-FS(6-2,8-0,8)	4,0mm ²	29A	500V
UVKB 4-FS/FS(2,8)TP(2,4)1234/L	4,0mm ²	32A ³	800V
UVKB 4-FS/FS(2,8)TP(2,4)1234/Q	4,0mm ²	32A ³	800V
UVKB 4-FS/FS(8-2,8-0,8)	4,0mm ²	32A ³	800V
OTTA 2,5	2,5mm ²	24A	800V ⁴
OTTA 6	6,0mm ²	41A	800V ⁴
OTTA 6-T	6,0mm ²	36A	800V ⁴
OTTA 25-M5	25mm ²	101A	800V ⁴
OTTA 25-M6	25mm ²	101A	800V ⁴

Type designation	Cross-section	Rated current	Rated voltage
UHSK/S 2000	6,0/10mm ²	41/57A	2000V
UHV 25-AS/AS	25mm ²	101A	1000V
UHV 25-KH/AS	25mm ²	101A	1000V
UHV 25-KH/KH	25mm ²	101A	1000V
UHV 25-KH/M8	25mm ²	101A	1000V
UHV 25-M8/M8	25mm ²	101A	1000V
UHV 50-AS/AS	50mm ²	150A	1000V
UHV 50-KH/AS	50mm ²	150A	1000V
UHV 50-KH/KH	50mm ²	150A	1000V
UHV 50-KH/M10	50mm ²	150A	1000V
UHV 50-M10/M10	50mm ²	150A	1000V
UHV 95-AS/AS	95mm ²	232A	1000V
UHV 95-KH/AS	95mm ²	232A	1000V
UHV 95-KH/KH	95mm ²	232A	1000V
UHV 95-KH/M12	95mm ²	232A	1000V
UHV 95-M12/M12	95mm ²	232A	1000V

- ¹ Nominal current of the installed diode
² Voltage/current is determined by the coupling connector
³ Dependent on the slip-on connection sleeve
⁴ Nominal voltage applies to insulated cable lugs

Application/Limitation

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

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

IEC 60947-7-1:2009-04, IEC 60947-7-2:2009-04, Environmental tests acc. DNV-CG-0339

Marking of product

Phoenix Contact – Type designation – Main data
 All type designation may be followed by suffix such as color or packing options.

Place of production

Phoenix Feinbau GmbH & Co. KG
Gustavstr. 3
58511 Lüdenscheid

Phoenix Contact Wielkopolska Spółka z o.o.
Ul. Celna 5
64-300 Nowy Tomysl
Poland

Phoenix Contact Asia-Pacific (Nanjing) Co. Ltd
36 Phoenix Road
Jiangning Development Zone
P.O.Box 236 Jiangning Nanjing
211100 Nanjing
People's Republic of China

Eviop Tempo S.A.
Leoforos Kimis 212
34002 Vasiliko Evia
Greece

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg

Acel Elektrik San. ve Tic. Ltd Sti
Hisar Mevkii Liman Yolu BUSEB B4-B5 16600
Gemlik-Bursa
Türkiye

Phoenix Contact India Pvt.Ltd.
A58(F26)/2 Phase II
Okhla Industrial Area
New Delhi-110020
India

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