



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAE00001S9
Revision No:
3

This is to certify:
that the Terminal Block

with type designation(s)
UT..., UTTB...

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 **2024-06-20**

for **DNV**

This Certificate is valid until **2027-03-07**.

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

www.dnv.com

Page 1 of 3

Product description

UT...	Feed-through terminal block
UT...-PE...	Ground modular terminal block
UT...-HESI...	Fuse modular terminal block
UT...-HESIL...	Lever-type fuse terminal block, for G fuse inserts, with LED
UT 4-MTD-DIO...	Component terminal block, with integrated diode
UT 4-HEDI...	Disconnect terminal block
UTTB...	Double-level terminal block
UTTB...-PE...	Protective conductor double-level terminal block

Type designation	Cross section	Rated Current	Rated Voltage
UT 1,5	1,5mm ²	17,5A	1000V
UT 1,5-PE	1,5mm ²		
UT 2,5	2,5mm ²	24A	1000V
UT 2,5-PE	2,5mm ²		
UT 2,5-TWIN	2,5mm ²	24A	500V
UT 2,5-TWIN-PE	2,5mm ²		
UT 2,5-QUATTRO	2,5mm ²	24A	500V
UT 2,5-QUATTRO-PE	2,5mm ²		
UTTB 2,5	2,5mm ²	24A	500V
UTTB 2,5-PE	2,5mm ²		
UTTB 2,5-PV	2,5mm ²	24A	500V
UT 4	4,0mm ²	32A	1000V
UT 4-PE	4,0mm ²		
UT 4-TWIN	4,0mm ²	32A	500V
UT 4-TWIN-PE	4,0mm ²		
UT 4-QUATTRO	4,0mm ²	32A	500V
UT 4-QUATTRO-PE	4,0mm ²		
UT 4-MTD	4,0mm ²	32A	800V
UT 4-MTD-PE	4,0mm ²		
UT 4-MTD-PE/S	4,0mm ²		
UT 4-MTD-DIO/L-R	4,0mm ²	0,5A	800V
UT 4-MTD-DIO/R-L	4,0mm ²	0,5A	800V
UT 4-MTD-DIO/L-R-P/P	4,0mm ²	0,5A	800V
UT 4-MTD-DIO/R-L-P/P	4,0mm ²	0,5A	800V
UT 4-HESI (5X20)	4,0mm ²	6,3A*	250V
UT 4-HESILED 24 (5X20)	4,0mm ²	6,3A*	24V*
UT 4-HESILED 60 (5X20)	4,0mm ²	6,3A*	60V*
UT 4-HESILA 250 (5X20)	4,0mm ²	6,3A*	250V*
UT 4-HEDI	4,0mm ²	20A	500V
UT 4-HEDI-P/P	4,0mm ²	16A	500V
UTTB 4	4,0mm ²	30A	800V
UTTB 4-PE	4,0mm ²		
UTTB 4-PV	4,0mm ²	30A	800V
UT 6	6,0mm ²	41A	1000V
UT 6-PE	6,0mm ²		
UT 6-HESI (6.3x32)	6,0mm ²	10A*	400V
UT 6-HESILED 24 (6.3x32)	6,0mm ²	10A*	24V*
UT 6-HESILED 60 (6.3x32)	6,0mm ²	10A*	60V*
UT 6-HESILA 250 (6.3x32)	6,0mm ²	10A*	250V*
UT 10	10mm ²	57A	1000V
UT 10-PE	10mm ²		

Type designation	Cross section	Rated Current	Rated Voltage
UT 16	16mm ²	76A	1000V
UT 16-PE	16mm ²		
UT 35	35mm ²	125A	1000V
UT 35-PE	35mm ²		

* The current is determined by the fuse, the voltage by the light indicator

Further ratings acc. manufacturer documentation.

Application/Limitation

Location Classes:

Temperature: B, Humidity: B, Vibration: A

Operating instruction of the manufacturer to be observed

Type Approval documentation

Test report : 3371/04, 3368/04, 6806/06, 6807/06, 6808/06, 6809/06, 6814/06, 6815/06, 3370/04, 3367/04, 6810/06, 6811/06, 6812/06, 6813/06, 3622/04, 3621/04, 3623/04, 3624/04, 4297/04, 4296/04, 6816/06, 6817/06, 3369/04, 3366/04, 6818/06, 3484/04, 3485/04, 97290094, 97598373

Tests carried out

IEC 60947-7-1:2009-04, IEC 60947-7-2:2009-04, IEC 60947-7-3:2009-04, cold, dry heat, damp heat, vibration, flame retardancy.

Marking of product

Phoenix Contact - Type designation - Main data.

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

Name & Place of Manufacturer

Phoenix Contact Wielkopolska Spolka z.o.o.
 Ul. Celną 5
 64-300 Nowy Tomysl
 Poland

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

Phoenix Contact Asia-Pacific (Nanjing) Co. Ltd.
 36 Phoenix Road
 Jiangning Development Zone
 211100 Nanjing
 Peoples Republic of China

Phoenix Contact Development
 and Manufacturing INC
 586 Fulling Mill Rd.
 Middletown, PA 17057-2966
 USA

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