TYPE APPROVAL CERTIFICATE

Certificate No:
TAE00001S9
Revision No:
2

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 **2022-12-07**

This Certificate is valid until **2027-03-07**.
DNV local station: **Essen**

Approval Engineer: **Harald Amberger**

for **DNV**
Digitally Signed By: Schaarmann, Arne
Location: DNV GL SE Hamburg, Germany
on behalf of

Marta Alonso Pontes
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

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 2,5	2,5mm²	24A	1000V
UT 2,5-PE	2,5mm²		
UT 2,5-TWIN	2,5mm²	24A	500V
UT 2,5-TWIN-PE	2,5mm²		
UT 2,5-QUATTRO	2,5mm²	24A	500V
UT 2,5-QUATTRO-PE	2,5mm²		
UTTB 2,5	2,5mm²	24A	500V
UTTB 2,5-PE	2,5mm²		
UTTB 2,5-PV	2,5mm²	24A	500V
UT 4	4,0mm²	32A	1000V
UT 4-PE	4,0mm²		
UT 4-TWIN	4,0mm²	32A	500V
UT 4-TWIN-PE	4,0mm²		
UT 4-QUATTRO	4,0mm²	32A	500V
UT 4-QUATTRO-PE	4,0mm²		
UT 4-MTD	4,0mm²	32A	800V
UT 4-MTD-PE	4,0mm²		
UT 4-MTD-PE/S	4,0mm²		
UT 4-MTD-DIO/L-R	4,0mm²	0,5A	800V
UT 4-MTD-DIO/R-L	4,0mm²	0,5A	800V
UT 4-MTD-DIO/L-R-P/P	4,0mm²	0,5A	800V
UT 4-MTD-DIO/R-L-P/P	4,0mm²	0,5A	800V
UT 4-HESI (5X20)	4,0mm²	6,3A*	250V
UT 4-HESILED 24 (5X20)	4,0mm²	6,3A*	24V*
UT 4-HESILED 60 (5X20)	4,0mm²	6,3A*	60V*
UT 4-HESILA 250 (5X20)	4,0mm²	6,3A*	250V*
UT 4-HEDI	4,0mm²	20A	500V
UT 4-HEDI-P/P	4,0mm²	16A	500V
UTTB 4	4,0mm²	30A	800V
UTTB 4-PE	4,0mm²		
UTTB 4-PV	4,0mm²	30A	800V
UT 6	6,0mm²	41A	1000V
UT 6-PE	6,0mm²		
UT 6-HESI (6.3x32)	6,0mm²	10A*	400V
UT 6-HESILED 24 (6.3x32)	6,0mm²	10A*	24V*
UT 6-HESILED 60 (6.3x32)	6,0mm²	10A*	60V*
UT 6-HESILA 250 (6.3x32)	6,0mm²	10A*	250V*
UT 10	10mm²	57A	1000V
UT 10-PE	10mm²		
UT 16	16mm²	76A	1000V
UT 16-PE	16mm²		

UT 35	35mm²	125A	1000V
UT 35-PE	35mm²		

* 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

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. Celna 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