

UNITED KINGDOM CONFORMITY ASSESSMENT

1 **TYPE EXAMINATION CERTIFICATE**

2 Component intended for use in a Product or Protective System for use in Potentially Explosive Atmospheres  
UKSI 2016:1107 (as amended)

3 Certificate Number: **CSAE 21UKEX3606U** Issue: **0**

4 Product: **Terminal Block, Series UT 4**

5 Manufacturer: **Phoenix Contact GmbH & Co. KG**

6 Address: **Flachsmarktstr. 8  
32825 Blomberg  
Germany**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Testing UK Limited, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations. The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018 EN 60079-7:2015+A1:2018**


Except in respect of those requirements listed at Section 16 of the schedule to this certificate.

The above standards may not appear on the UKAS Scope of Accreditation, but have been added through flexible scope of accreditation, which is available on request.

10 The sign "U" placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as the basis for certification of an equipment or protective system. Any limitations are listed in Section 15.

11 This TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of this product shall include the following:

 II 3G  
Ex ec IIC Gc



Name: J A May  
Title: Director of Operations

**SCHEDULE**

**TYPE EXAMINATION CERTIFICATE**

**CSAE 21UKEX3606U  
Issue 0**

**13 DESCRIPTION OF PRODUCT**

The terminal, Series UT 4, is used for the connection of copper conductors in equipment in type of protection “ec”. The terminal is snapped onto DIN rail NS 35 acc. to EN/IEC 60715-TH 35.

Operating temperature range -60 °C to +130 °C.

Technical Data

<b>Connection Capacity (all types)</b>	
Rated cross section	4 mm <sup>2</sup>
Max. cross section	6 mm <sup>2</sup>
Connecting capacity	0.14 – 6 mm <sup>2</sup> (rigid and flexible) 0.14 – 4 mm <sup>2</sup> (with end ferrule)
Multi conductor connection (two conductors of the same cross section and conductor type)	0.14 – 1.5 mm <sup>2</sup> (rigid and flexible)
Temperature rise	Max. 45 K

<b>Types UT 4-L, UT 4-L/L, UT 4-PE/L/L and UT 4-PE/L/N</b>	
Rated voltage	500 V
Rated current	26 A (4 mm <sup>2</sup> )
Max. current	32 A (6 mm <sup>2</sup> )

<b>Types UT 4-L/HEDI, UT 4-PE/L/HEDI and UT 4-PE/L/MT</b>	
Rated voltage	500 V
Rated current	24 A (4 mm <sup>2</sup> )
Max. current	32 A (6 mm <sup>2</sup> )
Max. current disconnecter	16 A

<b>Types UT 4-L/HESI (5x20), UT 4-L/HESILED 24 (5X20), UT 4-L/HESILED 60 (5X20), UT 4-L/HESILED 250 (5X20), UT 4-PE/L/HESI (5x20), UT 4-PE/L/HESILED 24 (5X20), UT 4-PE/L/HESILED 60 (5X20) and UT 4-PE/L/HESILED 250 (5X20)</b>	
Rated voltage	500 V 250 V, if equipped with cartridge fuse-links acc. to IEC 60127
Rated current	20 A (4 mm <sup>2</sup> )
Max. current	20 A (6 mm <sup>2</sup> )
Max. current fuse carrier	6.3 A
Working voltage defect indicator	12 – 30 Vac/dc (HESILED 24) 30 – 60 Vac/dc (HESILED 60) 110 – 250 Vac/dc (HESILED 250)

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<b>Type UT 4-PE/L/TG</b>	
Rated voltage	500 V 250 V, if equipped with cartridge fuse-links acc. to IEC 60127
Rated current	20 A (4 mm <sup>2</sup> )
Max. current	20 A (6 mm <sup>2</sup> )
Max. current fuse plug (P-FU)	6.3 A
Max. current isolating plug (P-DI)	16 A
Working voltage indicator	12 – 30 Vac/dc (P-FU 5X20 LED 24-EX) 30 – 60 Vac/dc (P-FU 5X20 LED 60-EX) 110 – 250 Vac/dc (P-FU 5X20 LA250-EX)

<b>Types UT 4-HESI (5x20) EX, UT 4-HESILED 24 (5X20) EX, UT 4-HESILED 60 (5X20)-EX, UT 4-HESILED 24-P/P-EX, UT 4-HESILED 24 (5X20) 120KOHM-EX, UT 4-HESILED 24 (5X20) 820KOHM-EX, UT 4-HESILA 250 (5x20) EX, UT 4-PE/HESI (5x20), UT 4-PE/HESILED 24 (5X20), UT 4-PE/HESILED 60 (5X20), UT 4-PE/HESILA 250 (5X20)</b>	
Rated voltage	250 V
Rated current	6.3 A (4 mm <sup>2</sup> )
Max. current	6.3 A (6 mm <sup>2</sup> )
Max. current fuse carrier	6.3 A
Working voltage defect indicator	12 – 30 Vac/dc (HESILED 24) 30 – 60 Vac/dc (HESILED 60) 110 – 250 Vac/dc (HESILA 250)

<b>Types UT 4-HEDI-EX, UT 4-HEDI-P/P-EX</b>	
Rated voltage	500 V
Rated current	16 A (4 mm <sup>2</sup> )
Max. current	16 A (6 mm <sup>2</sup> )

**14 DESCRIPTIVE DOCUMENTS**

**14.1 Drawings**

Refer to Certificate Annexe.

**14.2 Associated Reports and Certificate History**

Issue	Date	Report number	Comment
0	19 January 2022	R80095847A	The release of the prime certificate.

**15 SCHEDULE OF LIMITATIONS**

15.1 See technical data in the instructions.

15.2 The terminal blocks shall be mounted in an enclosure having one of the specific types of protection method specified in EN IEC 60079-0:2018.

15.3 When mounted in an enclosure with type of protection increased safety "e", the clearance and creepage distances to other live parts shall fulfil the requirements of Table 2 of EN 60079-7:2015+A1:2018.





## SCHEDULE

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15.4 When accessories are used, the instructions provided by the manufacturer shall be observed.

#### 16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (REGULATIONS SCHEDULE 1)

In addition to the Essential Health and Safety Requirements covered by the standards listed in Section 9, all other requirements are demonstrated in the relevant reports.

#### 17 PRODUCTION CONTROL

17.1 Holders of this certificate are required to comply with production control requirements defined in Schedule 3A, as applicable, and CSA Group Testing UK Regulations for Certificate Holders.

17.2 When accessories are used, the instructions provided by the manufacturer shall be observed.



**UK UK  
CANI**

CSA Group Testing UK Ltd., Unit 6 Hawarden Industrial Park, Hawarden, CH5 3US, UK  
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## Certificate Annexe

Certificate Number: CSAE 21UKEX3606U  
 Product: Terminal Block, Series UT 4  
 Manufacturer: Phoenix Contact GmbH & Co. KG

### Issue 0

Drawing	Sheets	Rev.	Date (Stamp)	Title
00822158	1 of 1	01	04 Feb 21	UT 4-PE/L/HESI (LED...) (5x20)
00822171	1 of 1	01	04 Feb 21	UT 4-PE/L/HEDI
00822174	1 of 1	02	04 Feb 21	UT 4-L/HESI (LED...) (5x20)
00822177	1 of 1	--	16 Sep 14	UT 4-PE/L/L (N)
00822185	1 of 1	--	16 Sep 14	UT 4-L/L
00822186	1 of 1	--	16 Sep 14	UT 4-L
00822187	1 of 1	--	16 Sep 14	UT 4-PE/L/MT
00822188	1 of 1	--	16 Sep 14	UT 4-PE/L/TG
TPB_2274_3214320_01_DE	1 to 70	-	24 Feb 15	Report UT 4-PE/L/HESI (5x20)
TPB_2276_3214360_01_DE	1 to 44	-	25 Feb 15	Report UT 4-PE/L/L
TPB_2277_3214364_01_DE	1 to 47	-	25 Feb 15	Report UT 4-PE/L/MT
TPB_2288_3214324_01_DE	1 to 47	-	25 Feb 15	Report UT 4-PE/L/HEDI
TPB_2295_3214362_01_DE	1 to 33	-	26 Feb 15	Report UT 4-L/L
TPB_2296_3214363_01_DE	1 to 32	-	26 Feb 15	Report UT 4-L
TPB_2302_3214325_01_DE	1 to 61	-	25 Feb 15	Report UT 4-L/HESI (5x20)
TPB_2303_3214365 mit 3036806_01_DE	1 to 70	-	23 Feb 15	Report UT 4-PE/L/TG mit P-FU 5x20
TPB_2308_3214365 mit 30366783_01_DE	1 to 48	-	25 Feb 15	Report UT 4-PE/L/TG mit P-DI
00880122	1 of 1	02	04 Feb 21	UT 4-L/HEDI
01055474	1 of 1	--	04 Feb 21	UT4-PE/HESI ... (5x20)
01173981	1 of 1	--	04 Feb 21	UT 4 HESI (5x20)-Ex
01254580	1 of 1	--	04 Feb 21	UT 4-HEDI (-P/P)-Ex
00855473	1 to 3	01	05 Nov 21	Material Data Sheet
00821212	1 of 1	04	16 Dec 21	Ex-Marking Detail UT 4-L (-PE)/.....-EX
01278622	1 of 1	02	16 Dec 21	Ex-Marking detail UT 4-PE/HESI... (5x20)
01278460	1 of 1	02	16 Dec 21	Ex-Marking detail UT 4-HESI...-EX / UT 4-HEDI...-EX
00735076	1 of 1	11	16 Dec 21	Additional marking details (company name and type)
MNR 01095284	1 to 2	03	16 Dec 21	Instructions UT 4-L
MNR 01095312	1 to 2	03	16 Dec 21	Instructions UT 4-L/HEDI
MNR 01095314	1 to 2	03	16 Dec 21	Instructions UT 4-L/HESI (5X20)
MNR 01095285	1 to 2	03	16 Dec 21	Instructions UT 4-L/L
MNR 01095319	1 to 2	03	16 Dec 21	Instructions UT 4-PE/L/HEDI
MNR 01095321	1 to 2	03	16 Dec 21	Instructions UT 4-PE/L/HESI (5x20)
MNR 01095287	1 to 2	03	16 Dec 21	Instructions UT 4-PE/L/L
MNR 01095303	1 to 2	03	16 Dec 21	Instructions UT 4-PE/L/N



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Drawing	Sheets	Rev.	Date (Stamp)	Title
MNR 01095306	1 to 2	03	16 Dec 21	Instructions UT 4-PE/L/MT
MNR 01095310	1 to 2	03	16 Dec 21	Instructions UT 4-PE/L/TG
MNR 01136455	1 to 2	03	16 Dec 21	Instructions UT 4-L/HESILED 24 (5x20)
MNR 01136459	1 to 2	03	16 Dec 21	Instructions UT 4-L/HESILED 60 (5x20)
MNR 01136461	1 to 2	03	16 Dec 21	Instructions UT 4-L/HESILA 250 (5x20)
MNR 01136464	1 to 2	03	16 Dec 21	Instructions UT 4-PE/L/HESILED 24 (5x20)
MNR 01136466	1 to 2	03	16 Dec 21	Instructions UT 4-PE/L/HESILED 60 (5x20)
MNR 01136469	1 to 2	03	16 Dec 21	Instructions UT 4-PE/L/HESILED 250 (5x20)
MNR 01256119	1 to 2	01	16 Dec 21	Instructions UT 4-PE/L/HESI (5x20)
MNR 01256122	1 to 2	01	16 Dec 21	Instructions UT 4-PE/HESILED 24 (5x20)
MNR 01256124	1 to 2	01	16 Dec 21	Instructions UT 4-PE/HESILED 60 (5x20)
MNR 01256125	1 to 2	01	16 Dec 21	Instructions UT 4-PE/HESILA 250 (5x20)
MNR 01216815	1 to 2	01	16 Dec 21	Instructions UT 4-HESILED 24 (5x20)
MNR 01256126	1 to 2	01	16 Dec 21	Instructions UT 4-HEDI-EX
MNR 01256128	1 to 2	01	16 Dec 21	Instructions UT 4-HESILED 24 -P/P-EX
MNR 01256130	1 to 2	01	16 Dec 21	Instructions UT 4-HEDI-P/P-EX
MNR 01256133	1 to 2	01	16 Dec 21	Instructions UT 4-HESILED 60 (5x20)-EX
MNR 01256136	1 to 2	01	16 Dec 21	Instructions UT 4-HESILA 250 (5x20)-EX
MNR 01256138	1 to 2	01	16 Dec 21	Instructions UT 4-HESILED 24 (5x20)-EX
MNR 01256140	1 to 2	01	16 Dec 21	Instructions UT 4-HESI (5x20)-EX
MNR 01256142	1 to 2	01	16 Dec 21	Instructions UT 4-HESILED 24 (5x20) 820KOHM-EX

