



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx KIWA 14.0014U Issue No: 1 Certificate history:
Status: Current Page 1 of 4 Issue No. 1 (2015-10-29)
Date of Issue: 2015-10-29 Issue No. 0 (2015-06-17)
Applicant: PHOENIX Contact GmbH & Co. KG
Flachmarktstraße 8
32825 Blomberg
Germany
Electrical Apparatus: Terminal block, Series UT 4
Optional accessory:
Type of Protection: Ex n
Marking: Ex nA IIC Gc

Approved for issue on behalf of the IECEx
Certification Body:

Pieter van Breugel

Position:

Certification Officer

Signature:
(for printed version)

Date:

29th of OCTOBER 2015

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Kiwa Nederland B.V. (Unit Kiwa ExVision)
Wilmersdorf 50
7327 AC Apeldoorn
P.O. Box 137
7300 AC Apeldoorn
The Netherlands





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Manufacturer: PHOENIX Contact GmbH & Co. KG
Flachmarktstraße 8
32825 Blomberg
Germany

Additional Manufacturing
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-15 : 2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:4

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

NL/KIWA/ExTR15.0003/00 NL/KIWA/ExTR15.0003/01

Quality Assessment Report:

NL/DEK/QAR11.0009/03



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The terminal block Series UT 4 is used for the connection of copper conductors in equipment in type of protection "nA".
The terminal block is snapped onto DIN rail NS 35 according to IEC 60715-TH 35.

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

Schedule of limitations:

- See Annex 1 for Technical data.
- When mounted in equipment in type of protection "nA" to IEC 60079-15, the clearances and creepage distances to other live parts shall fulfil the requirements of Table 2 of that standard.
- When accessories are used, the instructions provided by the manufacturer shall be observed.

CONDITIONS OF CERTIFICATION: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1: addition of terminal type UT 4-L/HEDI

Annex:

[Annex 1 to IECEX CoC KIWA 14.0014U-Iss 1.pdf](#)

Technical data

- All types

Rated cross section	4 mm ²
Max. cross section	6 mm ²
Connecting capacity	0.14 - 6 mm ² (rigid and flexible)
	0.14 - 4 mm ² (with end ferrule)
Multi conductor connection (two conductors of the same cross section and conductor type)	0.14 - 1.5 mm ² (rigid and flexible)
Temperature rise at rated and max. current	max. 45 K

- Types UT 4-L, UT 4-L/L, UT 4-PE/L/L and UT 4-PE/L/N

Rated voltage	500 V
Rated current	26 A (4 mm ²)
Max. current	32 A (6 mm ²)

- Types UT 4-L/HEDI, UT 4-PE/L/HEDI and UT 4-PE/L/MT

Rated voltage	500 V
Rated current	24 A (4 mm ²)
Max. current	32 A (6 mm ²)
Max. current disconnecter	16 A

- 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)

Rated voltage	500 V
	250 V, if equipped with cartridge fuse-links acc. to IEC 60127
Rated current	20 A (4 mm ²)
Max. current	20 A (6 mm ²)
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)

- Type UT 4-PE/L/TG

Rated voltage	500 V
	250 V, if equipped with fuse holder and cartridge fuse-links acc. to IEC 60127
Rated current	20 A (4 mm ²)
Max. current	20 A (6 mm ²)
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)