


## Protective conductor terminal block USLKG

|  |  |
|--|--|
| <b>Article description</b>                                   | USLKG 6 N  |
| Article no.  | 0442079 USLKG 6 N<br>0444048 USLKG 6 N-1   |
| <b>EC-TYPE EXAMINATION CERTIFICATE<br/>IECEX-CERTIFICATE</b> | <b>KEMA 96ATEX4370U<br/>IECEX KEM 06.0035U</b>   |
| Marking  | <br>Ex eb IIC<br>KEMA 96ATEX4370U<br>IECEX KEM 06.0035U |
| Assembly on mounting rails                                   | NS 32 acc. to EN 60715-G 32<br>NS 35 acc. to EN 60715-TH 35  |
| Stripping length   | 10 mm  |
| Torque   |  |
| Clamping screw   | 1,5 - 1,8 Nm   |
| Fixing screw   | 1,5 - 1,8 Nm   |
| Assembly instructions  | See page 2   |
| Operating temperature range                                  | -60 °C ... +110 °C   |



### Technical data according to IEC/EN 60079-7 (increased safety „e“)

#### Connection capacity

|                                     |                                  |             |
|-------------------------------------|----------------------------------|-------------|
| Rated cross-section                 | 6 mm <sup>2</sup>                | AWG 10      |
| Max. conductor cross-section        | 10 mm <sup>2</sup>               | AWG 8       |
| Connectable conductor cross-section | 0,2 - 10 mm <sup>2</sup> rigid   | AWG 24 - 8  |
|                                     | 0,2 - 6 mm <sup>2</sup> flexible | AWG 24 - 10 |

#### Data to the explosion protection

|               |       |                        |
|---------------|-------|------------------------|
| Rated voltage | 690 V | to the adjacent UK 6 N |
|---------------|-------|------------------------|

#### Insulation material

|   |             |  |
|---|-------------|--|
| Description   | PA 6.6      |  |
| Creep resistance acc. to IEC 60112 / material group | CTI 600 / I |  |

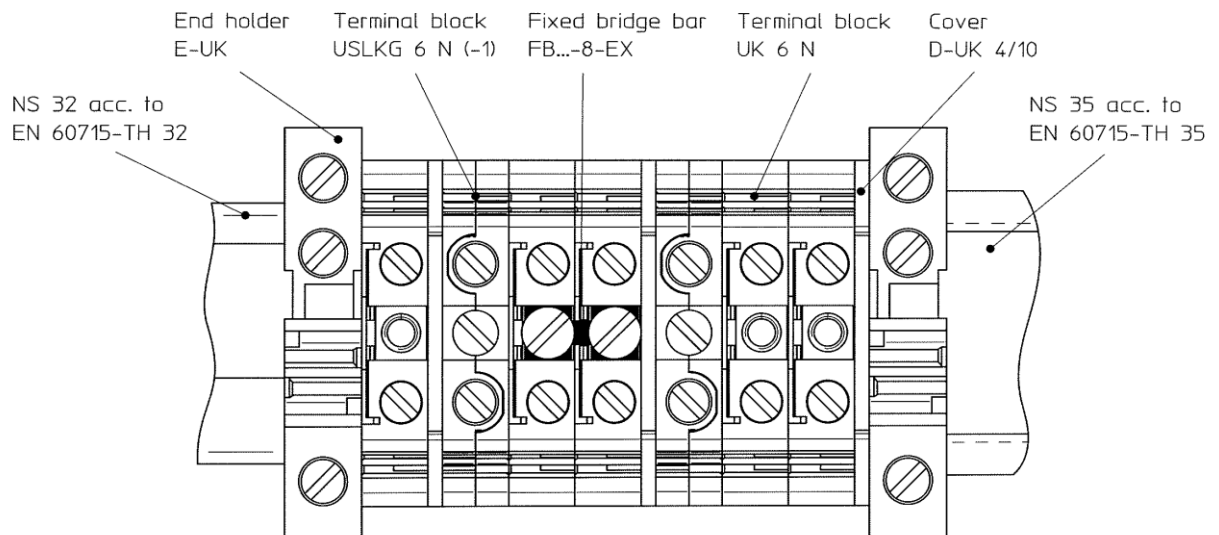
## Important assembly instructions – increased safety „e“

The Protective Conductor Terminal Blocks are suitable for use in enclosures in atmospheres with flammable gases or combustible dust. For flammable gases these enclosures must satisfy the requirements according to IEC/EN 60079-0 and IEC/EN 60079-7. For combustible dust these enclosures must satisfy the relevant requirements of part 31 of IEC/EN 60079.

When assembling with other certified series and sizes of terminal blocks and using accessories designed for the purpose, the required creepage distances and clearances have to be observed.

The Protective Conductor Terminal Blocks may be used at ambient temperatures of -60 °C to +40 °C at the mounting position in electrical apparatus, e.g. junction and connection boxes, for temperature class T6. When the Terminal Blocks are used in electrical apparatus of temperature classes T1 up to T5, the highest temperature of the insulating material shall not exceed the maximum value of the operating temperature range.

The Terminal Blocks and their appropriate accessories have to be assembled as specified below.



## Attestation of Conformity

The above-mentioned product conforms with the most important requirements of directive 2014/34/EU (ATEX directive) and its amending directives. The following pertinent standards were consulted for evaluating the conformity:

- IEC 60079-0/EN 60079-0
- IEC 60079-7/EN 60079-7

For the complete list of relevant standards, including the issue status, see certificate of conformity. This is available for download at [www.phoenixcontact.com](http://www.phoenixcontact.com) in the e-shop under the category manufacturer's declaration.

Conformance with the provisions of the ATEX directive was certified by the following notified body:

Notified Body: KEMA Quality B.V.  
Address: Utrechtseweg 310, NL-6812 AR Arnhem, The Netherlands [Ident.-No.: 0344]  
Certificate: KEMA 96ATEX4370 U, 2013-02-15  
(No., Date)

<sup>\*)</sup> The minor respectively formal changes of the new edition of the mentioned standards do not affect the EHSRs. Consequently the terminal blocks still comply with the relevant requirements of the ATEX Directive.

This attestation certifies the conformity with the indicated directive, it does not, however, covenant any characteristics. The instructions for safety and installation have to be observed.

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