

Certificate of Compliance

Certificate Number:

UL-US-2441509-1

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany

This certificate confirms that representative samples of:
XCFR2 - Terminal Blocks - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

UL 1059, Edition 6, Issue Date 2024-12-11

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2441509-1
Report reference E60425-19820928
Date 2025-02-17

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model	Product Description
USLKG16	Terminal Blocks - Component
UKK 5-PE	Terminal Blocks - Component
UKK5-PE	Terminal Blocks - Component
UKKB5-PE	Terminal Blocks - Component
USLKG 35 N	Terminal Blocks - Component
USLKG 50-IB	Terminal Blocks - Component
USLKG 50/ TB 50-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 95/ TB 95-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG1.5N	Terminal Blocks - Component
USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG10N, -1	Terminal Blocks - Component
USLKG16N, -1	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG3N	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG5, -1, TB 4-PE EI	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG6N, -1, TB 6-PE EI	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-US-2441506-1

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

This certificate confirms that representative samples of:
XCFR2 - Terminal Blocks - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

UL 1059, Edition 6, Issue Date 2024-12-11

Additional Information:

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David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2441506-1
Report reference E60425-19820928
Date 2025-02-17

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model	Product Description
USLKG16	Terminal Blocks - Component
UKK 5-PE	Terminal Blocks - Component
UKK5-PE	Terminal Blocks - Component
UKKB5-PE	Terminal Blocks - Component
USLKG 35 N	Terminal Blocks - Component
USLKG 50-IB	Terminal Blocks - Component
USLKG 50/ TB 50-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 95/ TB 95-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG1.5N	Terminal Blocks - Component
USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG10N, -1	Terminal Blocks - Component
USLKG16N, -1	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG3N	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG5, -1, TB 4-PE EI	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG6N, -1, TB 6-PE EI	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-US-2441491-1

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

This certificate confirms that representative samples of:
XCFR2 - Terminal Blocks - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

UL 1059, Edition 6, Issue Date 2024-12-11

Additional Information:

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David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2441491-1
Report reference E60425-19820928
Date 2025-02-17

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Model	Product Description
USLKG16	Terminal Blocks - Component
UKK 5-PE	Terminal Blocks - Component
UKK5-PE	Terminal Blocks - Component
UKKB5-PE	Terminal Blocks - Component
USLKG 35 N	Terminal Blocks - Component
USLKG 50-IB	Terminal Blocks - Component
USLKG 50/ TB 50-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 95/ TB 95-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG1.5N	Terminal Blocks - Component
USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG10N, -1	Terminal Blocks - Component
USLKG16N, -1	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG3N	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG5, -1, TB 4-PE EI	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG6N, -1, TB 6-PE EI	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-US-2441511-5

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

This certificate confirms that representative samples of:
XCFR2 - Terminal Blocks - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

UL 1059, Edition 6, Issue Date 2024-12-11

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

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Look for the UL Recognized Component Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2441511-5
Report reference E60425-19820928
Date 2025-02-17

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model	Product Description
USLKG16	Terminal Blocks - Component
UKK 5-PE	Terminal Blocks - Component
UKK5-PE	Terminal Blocks - Component
UKKB5-PE	Terminal Blocks - Component
USLKG 35 N	Terminal Blocks - Component
USLKG 50-IB	Terminal Blocks - Component
USLKG 50/ TB 50-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 95/ TB 95-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG1.5N	Terminal Blocks - Component
USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG10N, -1	Terminal Blocks - Component
USLKG16N, -1	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG3N	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG5, -1, TB 4-PE EI	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG6N, -1, TB 6-PE EI	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-US-2441489-1

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

This certificate confirms that representative samples of:

XCFR2 - Terminal Blocks - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

UL 1059, Edition 6, Issue Date 2024-12-11

Additional Information:

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David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2441489-1
Report reference E60425-19820928
Date 2025-02-17

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model	Product Description
USLKG16	Terminal Blocks - Component
UKK 5-PE	Terminal Blocks - Component
UKK5-PE	Terminal Blocks - Component
UKKB5-PE	Terminal Blocks - Component
USLKG 35 N	Terminal Blocks - Component
USLKG 50-IB	Terminal Blocks - Component
USLKG 50/ TB 50-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 95/ TB 95-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG1.5N	Terminal Blocks - Component
USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG10N, -1	Terminal Blocks - Component
USLKG16N, -1	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG3N	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG5, -1, TB 4-PE EI	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG6N, -1, TB 6-PE EI	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-US-L60425-6187110-
82902891-6

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany

This certificate confirms that representative samples of:
XCFR2 - Terminal Blocks - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

UL 1059, Edition 6, Issue Date 2024-12-11

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David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-L60425-6187110-82902891-6
Report reference E60425-19820928
Date 2025-02-17

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model	Product Description
UISLKG16	Terminal Blocks - Component
UKK 5-PE	Terminal Blocks - Component
UKK5-PE	Terminal Blocks - Component
UKKB5-PE	Terminal Blocks - Component
USLKG 10 N / TB 10-PE C, -1, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 16 N / TB 16-PE C, -1, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 3 N / TB 2.5-PE C, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 35 N	Terminal Blocks - Component
USLKG 5 / TB 4-PE C, -1, TB 4-PE EI, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 50-IB	Terminal Blocks - Component



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Certificate number UL-US-L60425-6187110-82902891-6
Report reference E60425-19820928
Date 2025-02-17

USLKG 50/ TB 50-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 6 N / TB 6-PE C, -1, TB 6-PE EI, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 95/ TB 95-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG1.5N	Terminal Blocks - Component
USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-CA-2431454-3

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany

This certificate confirms that representative samples of:

XCFR8 - Terminal Blocks Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

CSA C22.2 No. 158, Edition 4, Issue Date 2023-02, Revision Date 2023-12

Additional Information:

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David Piecuch
UL Mark Certification Program Owner

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Certificate number UL-CA-2431454-3
Report reference E60425-19820928
Date 2025-02-17

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Model	Product Description
UKK5-PE	Terminal Blocks - Component
UKKB5-PE	Terminal Blocks - Component
USLKG 35 N	Terminal Blocks - Component
USLKG 50-IB	Terminal Blocks - Component
USLKG 50/ TB 50-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 95/ TB 95-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG1.5N	Terminal Blocks - Component
USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG10N, -1	Terminal Blocks - Component
USLKG16N, -1	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG3N	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG5, -1, TB 4-PE EI	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG6N, -1, TB 6-PE EI	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-CA-2431452-1

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**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

This certificate confirms that representative samples of:

XCFR8 - Terminal Blocks Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

CSA C22.2 No. 158, Edition 4, Issue Date 2023-02, Revision Date 2023-12

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

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Look for the UL Recognized Component Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2431452-1
Report reference E60425-19820928
Date 2025-02-17

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model	Product Description
UKK5-PE	Terminal Blocks - Component
UKKB5-PE	Terminal Blocks - Component
USLKG 35 N	Terminal Blocks - Component
USLKG 50-IB	Terminal Blocks - Component
USLKG 50/ TB 50-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 95/ TB 95-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG1.5N	Terminal Blocks - Component
USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG10N, -1	Terminal Blocks - Component
USLKG16N, -1	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG3N	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG5, -1, TB 4-PE EI	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG6N, -1, TB 6-PE EI	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-CA-2431451-1

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

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XCFR8 - Terminal Blocks Certified for Canada - Component

See Addendum Page for Product Designation(s).

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UKKB5-PE	Terminal Blocks - Component
USLKG 35 N	Terminal Blocks - Component
USLKG 50-IB	Terminal Blocks - Component
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USLKG1.5N	Terminal Blocks - Component
USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG10N, -1	Terminal Blocks - Component
USLKG16N, -1	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG3N	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG5, -1, TB 4-PE EI	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG6N, -1, TB 6-PE EI	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-CA-2431436-1

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

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XCFR8 - Terminal Blocks Certified for Canada - Component

See Addendum Page for Product Designation(s).

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CSA C22.2 No. 158, Edition 4, Issue Date 2023-02, Revision Date 2023-12

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Certificate number UL-CA-2431436-1
Report reference E60425-19820928
Date 2025-02-17

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UKKB5-PE	Terminal Blocks - Component
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USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG10N, -1	Terminal Blocks - Component
USLKG16N, -1	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG3N	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG5, -1, TB 4-PE EI	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG6N, -1, TB 6-PE EI	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-CA-2431438-1

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

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XCFR8 - Terminal Blocks Certified for Canada - Component

See Addendum Page for Product Designation(s).

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CSA C22.2 No. 158, Edition 4, Issue Date 2023-02, Revision Date 2023-12

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UL Mark Certification Program Owner

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Certificate number UL-CA-2431438-1
Report reference E60425-19820928
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UKKB5-PE	Terminal Blocks - Component
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USLKG 50-IB	Terminal Blocks - Component
USLKG 50/ TB 50-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
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USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG10N, -1	Terminal Blocks - Component
USLKG16N, -1	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG3N	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG5, -1, TB 4-PE EI	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG6N, -1, TB 6-PE EI	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-CA-L60425-6189110-
82902891-7

Report Reference:

E60425-19820928

Issue Date:

2025-02-17

Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany

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XCFR8 - Terminal Blocks Certified for Canada - Component

See Addendum Page for Product Designation(s).

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CSA C22.2 No. 158, Edition 4, Issue Date 2023-02, Revision Date 2023-12

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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-L60425-6189110-82902891-7
Report reference E60425-19820928
Date 2025-02-17

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Model	Product Description
UKK5-PE	Terminal Blocks - Component
UKKB5-PE	Terminal Blocks - Component
USLKG 10 N / TB 10-PE C, -1, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 16 N / TB 16-PE C, -1, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 3 N / TB 2.5-PE C, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 35 N	Terminal Blocks - Component
USLKG 5 / TB 4-PE C, -1, TB 4-PE EI, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
USLKG 50-IB	Terminal Blocks - Component
USLKG 50/ TB 50-PE I, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of	Terminal Blocks - Component



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USLKG 6 N / TB 6-PE C, -1, TB 6-PE EI, All Cat. Nos. may be followed by a 1 to 30 character alphanumeric suffix (any combination of letters and/or numbers) with or without spaces between characters, designating nonelectrical variations such as color, Customer identification, packaging or plating options, coded variations (by adding or removing parts) or omitting terminals from single or multiple alternating poles. Terminal blocks may not be shipped with all terminals removed.	Terminal Blocks - Component
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USLKG1.5N	Terminal Blocks - Component
USLKG10, -1, TB 10-PE EI	Terminal Blocks - Component
USLKG2.5, TB 2.5-PE EI	Terminal Blocks - Component
USLKG2.5N, USLKG2.5N-1	Terminal Blocks - Component
USLKG3, -1	Terminal Blocks - Component
USLKG35, -1, TB 35-PE EI	Terminal Blocks - Component
USLKG4, -1	Terminal Blocks - Component
USLKG50, USLKG50IB	Terminal Blocks - Component
USLKG95	Terminal Blocks - Component



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DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component - Protective Conductor Terminal Blocks, Cat. Nos. USLKG, followed by Suffix 1.5N, 2.5, 2.5N, 3, 3N, 4, 5, 5-1, 6N, 10, 10N, 16, 16N or 35 may be followed by -1. Cat. Nos. USLKG50/ TB 50-PE I, USLKG95/ TB 95-PE I, USLKG50IB, UISLKG16, UISLKG16-1, UKK5-PE, UKKB5-PE, TB 2.5-PE EI, TB 4-PE EI, TB 6-PE EI, TB 10-PE EI, TB 16-PE EI, TB 35-PE EI.

USLKG 3 N or TB 2.5-PE C, USLKG 5 or TB 4-PE C, USLKG 6 N or TB 6-PE C, USLKG 10 N or TB 10-PE C, USLKG 16 N or TB 16-PE C.

Terminal Type - Pressure Wire Connectors

Type Wiring - Factory and Field Wiring

RATINGS:

Cat. No.	Wire Range Sol/Str	Terminal Screw	Ground Connection Mounting Screw
	AWG	Torque (lb-in)/Nm	Torque (lb-in)/Nm
USLKG1.5N	Nos. 14-26	(2-2.2)/0.22-0.25	(2-2.2)/0.22-0.25
USLKG2.5, TB 2.5-PE EI	Nos. 12-24	(5-7)/0.6-0.8	(5-7)/0.6-0.8
USLKG2.5N, USLKG2.5N-1	Nos. 12-24	(5-7)/0.6-0.8	(4.5-5)/0.5-0.6
USLKG 3 N or TB 2.5-PE C	Nos. 12-24	(5-7)/0.6-0.8	(4.5-5)/0.5-0.6
USLKG3, USLKG3-1	Nos. 12-24	(5-7)/0.6-0.8	(4.5-5)/0.5-0.6
USLKG4, USLKG 4-1	Nos. 12-24	(4.5-5)/0.5-0.6	(5-7)/0.6-0.8
USLKG 5 or TB 4-PE C, USLKG5-1, TB 4-PE EI	Nos. 10-24	(5-7)/0.6-0.8	(5-7)/0.6-0.8
USLKG 6 N or TB 6-PE C,, USLKG6N-1, TB 6-PE EI	Nos. 8-24	(13-16)/1.5-1.8	(13-16)/1.5-1.8
USLKG10, USLKG10-1, TB 10- PE EI	Nos. 8-20	(13-16)/1.5-1.8	(13-16)/1.5-1.8
USLKG 10 N or TB 10-PE C,, USLKG10N-1	Nos. 6-20	(13-16)/1.5-1.8	(13-16)/1.5-1.8
USLKG16, USLKG16-1, TB 16- PE EI	Nos. 6-20	(13-16)/1.5-1.8	(13-16)/1.5-1.8
USLKG 16 N or TB 16-PE C, USLKG16N-1	Nos. 4-14	(13-16)/1.5-1.8	(13-16)/1.5-1.8
USLKG35, USLKG35-1, TB 35-PE EI	Nos. 1/0-18	(28-50)/3.2- 3.7	(22-27)/2.5-3
USLKG50/ TB 50-PE I	Nos. 1/0-6	(70.8)/8	(70.8)/8
USLKG50IB	Nos. 1/0-6	(70.8)/8	(53-70.8)/8
USLKG95/ TB 95-PE I	Nos. 4/0-2	(175)/ 20	(175)/ 20
UISLKG16, UISLKG16-1	Nos. 4-12	(13-16)/1.5-1.8	(13-16)/1.5-1.8
UKK5-PE	Nos. 10-24	(5-7)/0.6-0.8	(5-7)/0.6-0.8
UKKB5-PE	Nos. 10-24	(5-7)/0.6-0.8	(5-7)/0.6-0.8

Nomenclature:

All terminal block can be used with accessories like end plates, distance plates, partition plates, end clamps, din rails, bridges and shorting links etc.

All metal parts can also be plated

Note: -In nomenclature we can use (/) (,) (-) and space in between every suffix.

Color coding can be added to any Article name at any position. In general we add it at last or as per given nomenclature.

Suffix - combination of two alphabets can be placed at any position of any article

General-

* The insulating materials used are a minimum of 0.75 mm thickness for those using ID 18 and 0.4 mm min thickness for those using IDs 19 and 23 of section general 1 as indicated in the report.

Series 1:

A	B	C	D	E
USLKG	X0	N	1	IB

A: Installation grounding terminal block for mounting on DIN rail.

B: Size in correlation to the cross-section (X0):

1.5,2.5,3,4,5,6,10,16,35,50,95.

C: With or without Suffix N: New Article design

D: With or without Suffix 1: Shape of foot for Top Hat.

E: With or without Suffix IB: Allen screw

USLKG 1.5 N	USLKG 5	USLKG 16 N
USLKG 2.5	USLKG 5-1	USLKG 16 N-1
USLKG 2.5 N	USLKG 6 N	USLKG 16-1
USLKG 2.5 N-1	USLKG 6 N-1	USLKG 35
USLKG 3	USLKG 10	USLKG 35-1
USLKG 3 N	USLKG 10 N	USLKG 50/ TB 50-PE I
USLKG 3-1	USLKG 10 N-1	USLKG 50-IB
USLKG 4	USLKG 10-1	USLKG 95/ TB 95-PE I
USLKG 4-1	USLKG 16	

File E60425	Vol. 1	Sec. 10	Page 2A	Issued: 1982-09-28
	Vol. 4	Sec. 8		Revised: 2024-07-24
	Vol. 5	Sec. 6		
	Vol. 7	Sec. 6		
	Vol. 11	Sec. 7		
	Vol. 16	Sec. 2		
		and Report		

Series 2:

A	B	C
UISLKG	X0	1

A: Installation grounding terminal block for mounting on DIN rail.
 B: Size in correlation to the cross-section (X0): 16
 C: With or without Suffix 1: Shape of foot for Top Hat.

Series 3:

A	B	C
UKK/UKKB	X0	PE

A: Installation grounding terminal block for mounting on DIN rail.
 B: Size in correlation to the cross-section (X0): 5
 C: Potential Earthing.

UKK 5-PE
UKKB 5-PE

Series 4:

A	B	C	D
TB	X0	X1	X2

A: Grounding terminal block for mounting on DIN rail.
 B: Size in correlation to the cross-section (X0): 2.5,4,6,10,16,35,**50,95**
 C: With or without Suffix X1: PE-Grounding
 D: With or without Suffix X2: EI/**I**- Internal coding

TB 2.5-PE EI	TB 4-PE EI	TB 6-PE EI
TB 10-PE EI	TB 16-PE EI	TB 35-PE EI
TB 50-PE I	TB 95-PE I	

The terminal blocks tabulated below have optional 3-phase short circuit current ratings. The Terminal Blocks must be protected by the max ampere and Class of overcurrent protective device noted below.

Cat. No.	Suitable Conductors kcmil/AWG Str.		Overcurrent Protection Fuse Required Class/Max Amp Rating						SCCR, RMS Sym A	Volts Max
	Line	Load	J	T	RK1	RK5	G	CC		
UKK5-PE	14-10 Cu	14-10 Cu	60	60	30	—	30	30	100,000	N/A
USLKG 50/ TB 50-PE I	6-1/0 Cu	6-1/0 Cu	100	100	60	30	60	30	100,000	N/A
USLKG 50-IB	6-1/0 Cu	6-1/0 Cu	100	100	60	30	60	30	100,000	N/A
USLKG 95/ TB 95-PE I	2-4/0 Cu	2-4/0 Cu	200	200	200	60	60	30	100,000	N/A

The following terminal block models have optional 3-phase short circuit current rating evaluated for use with copper conductors only. The terminal blocks must be protected by the max ampere and class of overcurrent protective device noted below.

Cat. No.	Suitable Conductors kcmil/AWG		Overcurrent Protection Circuit Breaker Required			SCCR, RMS Sym, kA	Volts Max
	Line	Load	Mfr	Type	Max Amp		
USLKG 95	2-4/0 Str	2-4/0 Str	Siemen s	3VA52..	250	65	480

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Products designated USR have been investigated using requirements contained in UL 1059, the Standard for Terminal Blocks.

Products designated CNR have been investigated using requirements contained in Canadian Standard CSA C22.2 No. 158, Terminal Blocks.

Conditions of Acceptability -

In order to be judged acceptable as a Component, consideration of the following conditions is to be included in the investigation.

1. The terminals blocks are to be installed within equipment where they are protected against mechanical damage.
2. The terminal blocks are to be installed on the manufacturer's mounting rails, intended for the purpose. .
3. The insulating bodies are molded of Recognized Component polymeric materials (QMFZ2). Identification of these plastic materials by manufacturer's name, Grade designation, maximum operating temperature, and flame ratings are specified in the "Section General" pages in this Procedure. The acceptability of these materials shall be judged in the end use application.
4. The tightening torque for field wiring pressure wire connector terminals is recorded in the Ratings section of this report. This torque value shall be marked on the end-use product for those categories which require torque markings for field terminated conductors.
5. These devices have been investigated for use with copper conductors only.
6. Types USLKG50 / **TB 50-PE**, USLKG50-IB, UKH95 short circuit current tests were performed with the test sample mounted in a 10x10x6.25 inch enclosure, which represents the minimum intended enclosure size.
7. All terminal blocks can be used with accessories like end plates, din rails, distance plates, etc and the acceptability shall be determined in the end use product.
8. These devices are for grounding applications and have no assigned voltage or ampere rating.
9. Protective conductor terminal blocks (PCTB), Series USLKG, UISLKG, UKKB5, TB and UKK5 were tested on a steel, copper, and aluminum din rail with symmetric, din rail measuring 35 by 7.5 by 1 mm, also symmetric measuring 35 by 15 by 1.5 mm thickness. They were also tested with asymmetric DIN rail on steel, copper and aluminum measuring 32 by 15 by 1.5 mm. Use of an alternate DIN rail shall be determined in the end product.
10. The protective conductor terminal blocks (PCTB), Series Series USLKG, UISLKG, UKKB5, TB and UKK5 listed in this report have been evaluated for usage group B, C at 600 Vac and therefore have gone through a dielectric voltage withstand test adjacent to terminal blocks of the same type and rating at 2200 Vac to represent the 600 Vac rating. Suitability shall be determined in the end product.
11. The terminal block short-circuit rating for cat. no. UKH 95, with Overcurrent Protection Circuit Breaker: Siemens, type 3VA52.., was determined based on testing on a test metal plate.