

Certificate of Compliance

Certificate Number:

UL-US-L192998-619228-
03404002-2

Report Reference:

E192998-20040430

Issue Date:

2025-01-14

Issued to:

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

This certificate confirms that representative samples of:

XCIB2 - Terminal Blocks for Use in Zone Classified Hazardous Locations - 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 60079-0, Edition 7, Issue Date 2019-03-26, Revision Date 2024-07-19, UL 60079-7, 5th Ed., Issue Date: 2017-02-24, Revision Date: 2021-06-03

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-L192998-619228-03404002-2
Report reference E192998-20040430
Date 2025-01-14

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
AGK10-UKH 150/240	Terminal Blocks for HazLoc
AGK10-UKH 50	Terminal Blocks for HazLoc
AGK10-UKH 95	Terminal Blocks for HazLoc
UKH 150	Terminal Blocks for HazLoc
UKH 240	Terminal Blocks for HazLoc
UKH 50	Terminal Blocks for HazLoc
UKH 50IB	Terminal Blocks for HazLoc
UKH 70	Terminal Blocks for HazLoc
UKH 70 PE/S	Terminal Blocks for HazLoc
UKH 95	Terminal Blocks for HazLoc



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Certificate of Compliance

Certificate Number:

UL-CA-L192998-619428-
03404002-2

Report Reference:

E192998-20040430

Issue Date:

2025-01-14

Issued to:

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

This certificate confirms that representative samples of:

**XCIB8 - Terminal Blocks for Use in Zone Classified Hazardous
Locations 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. 60079-0, Edition 4, Issued 2019-02-01, CSA C22.2
No. 60079-7, Edition 2, AMD 1, Issue Date 2016-10, Revision Date
2018-09**

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.

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UKH 150	Terminal Blocks for HazLoc
UKH 240	Terminal Blocks for HazLoc
UKH 50	Terminal Blocks for HazLoc
UKH 50IB	Terminal Blocks for HazLoc
UKH 70	Terminal Blocks for HazLoc
UKH 70 PE/S	Terminal Blocks for HazLoc
UKH 95	Terminal Blocks for HazLoc



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DESCRIPTION

PRODUCT COVERED:

USR, CNR Class I, Zone 1, **AEx eb IIC Gb; Ex eb IIC Gb**

Terminal Blocks, Type UKH followed by 50, 50IB, **70, 70-PE/S**, 95, 150, or 240,

Type AGK10-UKH followed by 50, 95, 150 or 240.

GENERAL:

The terminal blocks covered by this report are intended for use in the following applications and within the ratings specified.

Series Models AGK10-UKH are "Pick-off" terminal blocks for use in conjunction with the UKH Series.

Application - General Industrial use, (such as motor controllers, pushbutton stations, etc.)

Type Wiring Termination - Pressure Wire Connector

Type Wiring - Factory and Field Wiring

Wire strip length - 24 mm, UKH 50, UKH 50IB
33 mm, UKH 95
40 mm, UKH 150, UKH 240
11 mm, AGK10-UKH

Note: The products are recognized R/C (XCFR2/8) for ordinary Locations under the applicant's E60425, Vol. 1, Sec. 17, Issued: 1984-07-30. In the case of any discrepancy between this File and E60425, Vol. 1, Sec. 17 this file has precedence.

RATINGS:

	(Cu)				Torque
Type	Wire Range	Current, A	Voltage, V		lb-in
UKH 50	No. 6 to No. 1/0 AWG	150	600		70
UKH 50IB	No. 6 to No. 1/0 AWG	150	600		70
UKH 70	No. 6 to No. 3/0 AWG	192	880		135-175
UKH 70 PE/S	No. 4 to No. 2/0 AWG Compact Copper	N/A	600		71-88
UKH 95	No. 2 to No. 4/0 AWG	230	600		175
UKH 150	No. 2 to No. 300 MCM	285	600		270
UKH 240	No. 2/0 to 500 MCM	380	600		270
AGK10-UKH 50	No. 24 to No. 6 AWG	65	600		11-20
AGK10-UKH 95	No. 24 to No. 6 AWG	65	600		11-20
AGK10-UKH 150/240	No. 24 to No. 6 AWG	65	600		11-20

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ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE)

Use - For use only in or with products where the acceptability of the combination is determined by Underwriters Laboratories.

* USR - Indicates investigation to UL 60079-0, Edition **7**, "Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements" and UL 60079-7, Edition 5, "Electrical Apparatus for Explosive Gas Atmospheres: Part 7 Increased Safety 'e'"

* CNR - Indicates investigation to CAN/CSA C22.2 No. 60079-0:**19**, **Edition 4**, "Electrical Apparatus for Explosive Gas Atmospheres Part 0: General Requirements" and CAN/CSA C22.2 No. 60079-7:**18**, **edition 2**, "Electrical Apparatus for Explosive Gas Atmospheres: Part 7 Increased Safety 'e'"

MODEL SIMILARITIES:

The model UKH 50 is identical to the UKH 50IB except for the hexagonal shaped clamping screw heads.

CONDITIONS OF ACCEPTABILITY:

1. All Conditions of Acceptability addressed in Applicant's ordinary locations File E60425, issue date: 1984-07-30.
2. 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 rating are specified in the "Section General" pages in this Procedure. The acceptability of these materials shall be judged in the end use application.
3. The terminal blocks were tested to a maximum user temperature (service temperature) of of -60°C to +110°C. They shall not heat up to more than 110°C when used in service.
4. The terminal blocks shall be mounted in an enclosure that meets the requirements of an approved type of protection as specified in UL 60079-0, section 1. For type of protection increased safety "e" the terminal blocks shall be installed in an enclosure with a minimum rating of IP54.