

Certificate of Compliance

Certificate Number:

UL-US-2445430-1

Report Reference:

E60425-20110930

Issue Date:

2024-12-16

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 5, Issued 2019-11-26, Revised 2022-07-28

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-2445430-1
Report reference E60425-20110930
Date 2024-12-16

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
FKDSO 1.5, followed by /4, followed by -L or -R	Terminal Blocks
FKDSO 2.5HV followed by /3, followed by suffix -L or -R, followed by 7.5, 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
FKDSO2.5 /2, /3 or /4 f/b suffix -L or -R, 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
Type FKDSO 2.5 followed by /1, /2, /3 or /4 followed by suffix -L1 or -R1, 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



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-2446215-1

Report Reference:

E60425-20110930

Issue Date:

2024-12-16

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 5, Issued 2019-11-26, Revised 2022-07-28

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

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2446215-1
Report reference E60425-20110930
Date 2024-12-16

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
FKDSO 1.5, followed by /4, followed by -L or -R	Terminal Blocks
FKDSO 2.5HV followed by /3, followed by suffix -L or -R, followed by 7.5, 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
FKDSO2.5 /2, /3 or /4 f/b suffix -L or -R, 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
Type FKDSO 2.5 followed by /1, /2, /3 or /4 followed by suffix -L1 or -R1, 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



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-L60425-6187199-
03901102-6

Report Reference:

E60425-20110930

Issue Date:

2024-12-16

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 5, Issued 2019-11-26, Revised 2022-07-28

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

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-L60425-6187199-03901102-6
Report reference E60425-20110930
Date 2024-12-16

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
FKDSO 1.5, followed by /4, followed by -L or -R	Terminal Blocks
FKDSO 2.5HV followed by /3, followed by suffix -L or -R, followed by 7.5, 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
FKDSO2.5 /2, /3 or /4 f/b suffix -L or -R, 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
Type FKDSO 2.5 followed by /1, /2, /3 or /4 followed by suffix -L1 or -R1, 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



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-CA-2434315-1

Report Reference:

E60425-20110930

Issue Date:

2024-12-16

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:

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

CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2434315-1
Report reference E60425-20110930
Date 2024-12-16

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
FKDSO 1.5, followed by /4, followed by -L or -R	Terminal Blocks
FKDSO 2.5HV followed by /3, followed by suffix -L or -R, followed by 7.5, 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
FKDSO2.5 /2, /3 or /4 f/b suffix -L or -R, 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
Type FKDSO 2.5 followed by /1, /2, /3 or /4 followed by suffix -L1 or -R1, 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



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-CA-L60425-6189199-
03901102-5

Report Reference:

E60425-20110930

Issue Date:

2024-12-16

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:

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

CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-L60425-6189199-03901102-5
Report reference E60425-20110930
Date 2024-12-16

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
FKDSO 1.5, followed by /4, followed by -L or -R	Terminal Blocks
FKDSO 2.5HV followed by /3, followed by suffix -L or -R, followed by 7.5, 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
FKDSO2.5 /2, /3 or /4 f/b suffix -L or -R, 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
Type FKDSO 2.5 followed by /1, /2, /3 or /4 followed by suffix -L1 or -R1, 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



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-CA-2434915-1

Report Reference:

E60425-20110930

Issue Date:

2024-12-16

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:

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

CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2434915-1
Report reference E60425-20110930
Date 2024-12-16

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
FKDSO 1.5, followed by /4, followed by -L or -R	Terminal Blocks
FKDSO 2.5HV followed by /3, followed by suffix -L or -R, followed by 7.5, 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
FKDSO2.5 /2, /3 or /4 f/b suffix -L or -R, 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
Type FKDSO 2.5 followed by /1, /2, /3 or /4 followed by suffix -L1 or -R1, 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



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>.