

Certificate of Compliance

Certificate Number:

UL-US-L60425-6187155-
22702991-6

Report Reference:

E60425-19920722

Issue Date:

2025-12-18

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.

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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

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-L60425-6187155-22702991-6
Report reference E60425-19920722
Date 2025-12-18

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

Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PC5/X-STF1-15.24, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X w/suffixes -G, -GF, followed by -7.62, w/wo THT, PCV5/X-GF-15.24, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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Certificate of Compliance

Certificate Number:

UL-US-2409435-1

Report Reference:

e60425-19920722

Issue Date:

2025-12-18

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).

UL 1059, Edition 5, Issued 2019-11-26, Revised 2022-07-28

Additional Information:

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David Piecuch
UL Mark Certification Program Owner

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CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2409435-1
Report reference e60425-19920722
Date 2025-12-18

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

Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PC5/X-STF1-15.24, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X w/suffixes -G, -GF, followed by -7.62, w/wo THT, PCV5/X-GF-15.24, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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Certificate of Compliance

Certificate Number:

UL-US-2409436-1

Report Reference:

E60425-19920722

Issue Date:

2025-12-18

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).

UL 1059, Edition 5, Issued 2019-11-26, Revised 2022-07-28

Additional Information:

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David Piecuch
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CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2409436-1
Report reference E60425-19920722
Date 2025-12-18

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

Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PC5/X-STF1-15.24, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X w/suffixes -G, -GF, followed by -7.62, w/wo THT, PCV5/X-GF-15.24, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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Certificate of Compliance

Certificate Number:

UL-US-2597657-0

Report Reference:

E60425-19920722

Issue Date:

2025-12-18

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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CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2597657-0
Report reference E60425-19920722
Date 2025-12-18

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

Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X w/suffixes -G, -GF, followed by -7.62, w/wo THT, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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Certificate of Compliance

Certificate Number:

UL-US-2409437-1

Report Reference:

E60425-19920722

Issue Date:

2025-12-18

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).

UL 1059, Edition 5, Issued 2019-11-26, Revised 2022-07-28

Additional Information:

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Report reference E60425-19920722
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Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PC5/X-STF1-15.24, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X w/suffixes -G, -GF, followed by -7.62, w/wo THT, PCV5/X-GF-15.24, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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XCFR2 - Terminal Blocks - Component

See Addendum Page for Product Designation(s).

UL 1059, Edition 5, Issued 2019-11-26, Revised 2022-07-28

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Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PC5/X-STF1-15.24, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X w/suffixes -G, -GF, followed by -7.62, w/wo THT, PCV5/X-GF-15.24, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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-2409439-1

Report Reference:

E60425-19920722

Issue Date:

2025-12-18

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).

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

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CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2409439-1
Report reference E60425-19920722
Date 2025-12-18

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

Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PC5/X-STF1-15.24, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X w/suffixes -G, -GF, followed by -7.62, w/wo THT, PCV5/X-GF-15.24, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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-L60425-6189155-
22702991-6

Report Reference:

E60425-19920722

Issue Date:

2025-12-18

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).

CSA C22.2 No. 158, Edition 4, Issue Date 2023-02, Revision Date 2025-03

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-CA-L60425-6189155-22702991-6
Report reference E60425-19920722
Date 2025-12-18

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

Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X f/b -STF1 f/b 15.24, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X f/b -GF f/b 15.24, PCV5/X followed by -G, -GF followed by -7.62 w/wo THT, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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Certificate of Compliance

Certificate Number:

UL-CA-2408238-1

Report Reference:

E60425-19920722

Issue Date:

2025-12-18

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).

CSA C22.2 No. 158, Edition 4, Issue Date 2023-02, Revision Date 2025-03

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.

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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

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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2408238-1
Report reference E60425-19920722
Date 2025-12-18

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

Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X f/b -STF1 f/b 15.24, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X f/b -GF f/b 15.24, PCV5/X followed by -G, -GF followed by -7.62 w/wo THT, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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Certificate of Compliance

Certificate Number:

UL-CA-2408239-1

Report Reference:

E60425-19920722

Issue Date:

2025-12-18

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).

CSA C22.2 No. 158, Edition 4, Issue Date 2023-02, Revision Date 2025-03

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

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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2408239-1
Report reference E60425-19920722
Date 2025-12-18

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

Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X f/b -STF1 f/b 15.24, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X f/b -GF f/b 15.24, PCV5/X followed by -G, -GF followed by -7.62 w/wo THT, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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-2571614-0

Report Reference:

E60425-19920722

Issue Date:

2025-12-18

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachmarktstrasse 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 2025-03

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

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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2571614-0
Report reference E60425-19920722
Date 2025-12-18

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

Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X w/suffixes -G, -GF, followed by -7.62, w/wo THT, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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-2408240-1

Report Reference:

E60425-19920722

Issue Date:

2025-12-18

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).

CSA C22.2 No. 158, Edition 4, Issue Date 2023-02, Revision Date 2025-03

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

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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2408240-1
Report reference E60425-19920722
Date 2025-12-18

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

Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X f/b -STF1 f/b 15.24, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X f/b -GF f/b 15.24, PCV5/X followed by -G, -GF followed by -7.62 w/wo THT, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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Component - Header

Model(s): SPTC 5/X-TBUS-8.5

Terminal Blocks - Component

Model(s): DFK-PC4/X f/b -G-7.62, -GF-7.62, DFK-PC4/X f/b -G-7.62, -GF-7.62 w/wo -L0E, -FS4.8, DFK-PC5/X f/b -G, -GF, -GU, -GFU, -GF-SH, -GFU-SH f/b -7.62, DFK-PC5/X f/b -ST-7.62, -STF-7.62, -STF-SH-7.62, IPC5 f/b /1 or /2-digit No. , and by -ST, -STF, -STGF, -STF-SH, -STGF-SH or -STGCL, and by -7.62, IPC5/X f/b -G, -GF, -GU, -GFU f/b -7.62, IPCV5/X f/b -G, -GF, -GU, -GFU f/b -7.62, ISPC5 f/b one or two-digit number w/suffixes -STF, -STGF, or -STGCL, followed by -7.62, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-1, PC4 w/wo HV, f/b /X -ST, -STF, -STFL, -STFR f/b -15.24-2, PC4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PC4/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PC4HV/X f/b -ST, -STF, -STFL, -STFR f/b -7.62 w/wo RAE, PC5/X f/b -ST, -ST1, -ST2, -STF, -STF1, -STF-SH, -STF-SH1, -STF-SHL, -STF-SHL1, -STCL, -STCL1, -STFL, -STFL1, STFR, -STFR1, -STTL f/b -7.62 w/wo RAE, PC5/X f/b -STF1 f/b 15.24, PC5/X followed by -G, -GF, -GSF, -GU, -GFU f/b -7.62 w/wo P26, THT, PIN3,4, PCC4/X-ST-7.62(A), PCO4/X f/b -G f/b -7.62 w/wo BK, PCV4/X f/b -G, -GF, -GFL, -GFR, -GU-7.62, PCV4/X w/ suffixes -G, -GF, -GFL, -GFR, -GU, followed by -15.24-1 or 15.24-2, PCV5/X f/b -GF f/b 15.24, PCV5/X followed by -G, -GF followed by -7.62 w/wo THT, PCVK4-7.62, SPC5/X w/suffixes -ST, -STF, -STF-SH, -STF-SHL, -STTL or -STCL, followed by 7.62 (&), SPTC 5/X FI-8.5, TSPC5/X-ST, -STF or -STCL, followed by -7.62, UPCV3K4-G-7.62



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Terminal Blocks - Component

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