

Certificate of Compliance

Certificate Number:

UL-US-L60425-6187197-
81501102-10

Report Reference:

E60425-20110518

Issue Date:

2025-11-04

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 blue 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-L60425-6187197-81501102-10
Report reference E60425-20110518
Date 2025-11-04

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

Terminal Blocks

Model(s): PIT 1.5/S-QUATTRO/TBP 1.5/S-QUATTRO, PIT 1.5/S-TWIN/TBP 1.5/S-TWIN, PIT 1.5/S/TBP 1.5/S, TBP 1.5/S-3L, TBP 1.5/S-QUATTRO-PE, TBP 1.5/S-TWIN-PE, TBP 1.5/S/2L, TBP 1.5/S/2L-PE, TBPIO 1.5/S/3

Component terminal blocks

Model(s): PTS 1.5/S-3PV/3P

Model(s): PITTB 1.5/S/4P, PITTB 1.5/S/4P-PE, PITTB 1.5/S/4P-PV *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*

Terminal Blocks - Component

Model(s): PTIO 1.5/S/4-PE-LED 24 GN, PTIO 1.5/S/4-PE-LED 24 RD, PTS 1.5/S-PE/L/L/3P

Model(s): PP-H 1.5/S/1, PP-H 1.5/S/1-L, PP-H 1.5/S/1-M, PP-H 1.5/S/1-R, PP-H 1.5/S/followed By /1 or /2 digit number, PPC 1.5/S/1, PPC 1.5/S/1-L, PPC 1.5/S/followed by /1 or /2 digit number, PT 1.5/S/2P, PT 1.5/S/2P-PE, PTIO 1.5/S/3-L-R1K8/O-M, PTIO 1.5/S/3, PTIO 1.5/S/3-LED 24 GN, PTIO 1.5/S/3-LED 24 RD, PTIO 1.5/S/3-PE, PTIO 1.5/S/4, PTIO 1.5/S/4-LED 24 GN, PTIO 1.5/S/4-LED 24 RD, PTIO 1.5/S/4-PE, PTIO 1.5/S/5, PTIO 1.5/S/5-PE or PTIO 1.5/S/5-PE/U-BK/O-WH-LED 24,48,60, PTIO 2.5/3 OG, PTIO-IN 2.5/3 OG, PTIO-IN 2.5/3-PE, PTIO-IN 2.5/4-PE OG, PTS 1.5/S-PE/L/N/3P, PTS 1.5/S-PE/L/N/3P (PE Level), PTS 1.5/S-3L/3P, PTS 1.5/S-3PE/3P, PTS 1.5/S-PE/L/L/3P *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.*

Model(s): PIT 1.5/S, PIT 1.5/S-3L, PIT 1.5/S-3PE, PIT 1.5/S-3PV, PIT 1.5/S-PE, PIT 1.5/S-PE/L/L, PIT 1.5/S-PE/L/N, PIT 1.5/S-QUATTRO, PIT 1.5/S-QUATTRO-PE, PIT 1.5/S-QUATTRO-U, PIT 1.5/S-QUATTRO/2P, PIT 1.5/S-QUATTRO/2P-PE, PIT 1.5/S-TWIN, PIT 1.5/S-TWIN-PE, PIT 1.5/S-TWIN/1P, PIT 1.5/S-TWIN/1P-PE, PIT 1.5/S/1P, PIT 1.5/S/1P-PE, PITS 1.5/S, PITS 1.5/S /1P-PE, PITS 1.5/S-PE, PITS 1.5/S-QUATTRO, PITS 1.5/S-QUATTRO-PE, PITS 1.5/S-TWIN, PITS 1.5/S-TWIN-PE, PITS 1.5/S-TWIN/1P, PITS 1.5/S-TWIN/1P-PE, PITS 1.5/S/1P, PITTB 1.5/S, PITTB 1.5/S-L/N, PITTB 1.5/S-PE, PITTB 1.5/S-PE/L, PITTB 1.5/S-PE/N, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PITTB 1.5/S, PITTB 1.5/S-PE, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PPC 1.5/S-NS/1-L, PTIO-IN 2.5/3 PTIO-IN 2.5/3-LED 24 PTIO-IN 2.5/3-LED 48 PTIO-IN 2.5/3-LED 60 PTIO-IN 2.5/3-LED or LA 250 *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*



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Certificate of Compliance

Certificate Number:

UL-US-2566544-3

Report Reference:

E60425-20110518

Issue Date:

2025-11-04

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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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-2566544-3
Report reference E60425-20110518
Date 2025-11-04

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

Terminal Blocks

Model(s): PIT 1.5/S-QUATTRO/TBP 1.5/S-QUATTRO, PIT 1.5/S-TWIN/TBP 1.5/S-TWIN, PIT 1.5/S/TBP 1.5/S, TBP 1.5/S-3L, TBP 1.5/S-QUATTRO-PE, TBP 1.5/S-TWIN-PE, TBP 1.5/S/2L, TBP 1.5/S/2L-PE, TBPIO 1.5/S/3

Component terminal blocks

Model(s): PTS 1.5/S-3PV/3P

Model(s): PITTB 1.5/S/4P, PITTB 1.5/S/4P-PE, PITTB 1.5/S/4P-PV *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*

Terminal Blocks - Component

Model(s): PTIO 1.5/S/4-PE-LED 24 GN, PTIO 1.5/S/4-PE-LED 24 RD, PTS 1.5/S-PE/L/L/3P

Model(s): PP-H 1.5/S/1, PP-H 1.5/S/1-L, PP-H 1.5/S/1-M, PP-H 1.5/S/1-R, PP-H 1.5/S/followed By /1 or /2 digit number, PPC 1.5/S/1, PPC 1.5/S/1-L, PPC 1.5/S/followed by /1 or /2 digit number, PT 1.5/S/2P, PT 1.5/S/2P-PE, PTIO 1.5/S/3-L-R1K8/O-M, PTIO 1.5/S/3, PTIO 1.5/S/3-LED 24 GN, PTIO 1.5/S/3-LED 24 RD, PTIO 1.5/S/3-PE, PTIO 1.5/S/4, PTIO 1.5/S/4-LED 24 GN, PTIO 1.5/S/4-LED 24 RD, PTIO 1.5/S/4-PE, PTIO 1.5/S/5, PTIO 1.5/S/5-PE or PTIO 1.5/S/5-PE/U-BK/O-WH-LED 24,48,60, PTIO 2.5/3 OG, PTIO-IN 2.5/3 OG, PTIO-IN 2.5/3-PE, PTIO-IN 2.5/4-PE OG, PTS 1.5/S-PE/L/N/3P, PTS 1.5/S-PE/L/N/3P (PE Level), PTS 1.5/S-3L/3P, PTS 1.5/S-3PE/3P, PTS 1.5/S-PE/L/L/3P *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.*

Model(s): PIT 1.5/S, PIT 1.5/S-3L, PIT 1.5/S-3PE, PIT 1.5/S-3PV, PIT 1.5/S-PE, PIT 1.5/S-PE/L/L, PIT 1.5/S-PE/L/N, PIT 1.5/S-QUATTRO, PIT 1.5/S-QUATTRO-PE, PIT 1.5/S-QUATTRO-U, PIT 1.5/S-QUATTRO/2P, PIT 1.5/S-QUATTRO/2P-PE, PIT 1.5/S-TWIN, PIT 1.5/S-TWIN-PE, PIT 1.5/S-TWIN/1P, PIT 1.5/S-TWIN/1P-PE, PIT 1.5/S/1P, PIT 1.5/S/1P-PE, PITS 1.5/S, PITS 1.5/S /1P-PE, PITS 1.5/S-PE, PITS 1.5/S-QUATTRO, PITS 1.5/S-QUATTRO-PE, PITS 1.5/S-TWIN, PITS 1.5/S-TWIN-PE, PITS 1.5/S-TWIN/1P, PITS 1.5/S-TWIN/1P-PE, PITS 1.5/S/1P, PITTB 1.5/S, PITTB 1.5/S-L/N, PITTB 1.5/S-PE, PITTB 1.5/S-PE/L, PITTB 1.5/S-PE/N, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PITTB 1.5/S, PITTB 1.5/S-PE, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PPC 1.5/S-NS/1-L, PTIO-IN 2.5/3 PTIO-IN 2.5/3-LED 24 PTIO-IN 2.5/3-LED 48 PTIO-IN 2.5/3-LED 60 PTIO-IN 2.5/3-LED or LA 250 *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*



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Certificate of Compliance

Certificate Number:

UL-US-2566542-3

Report Reference:

E60425-20110518

Issue Date:

2025-11-04

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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Report reference E60425-20110518
Date 2025-11-04

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

Terminal Blocks

Model(s): PIT 1.5/S-QUATTRO/TBP 1.5/S-QUATTRO, PIT 1.5/S-TWIN/TBP 1.5/S-TWIN, PIT 1.5/S/TBP 1.5/S, TBP 1.5/S-3L, TBP 1.5/S-QUATTRO-PE, TBP 1.5/S-TWIN-PE, TBP 1.5/S/2L, TBP 1.5/S/2L-PE, TBPIO 1.5/S/3

Component terminal blocks

Model(s): PTS 1.5/S-3PV/3P

Model(s): PITTB 1.5/S/4P, PITTB 1.5/S/4P-PE, PITTB 1.5/S/4P-PV *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*

Terminal Blocks - Component

Model(s): PTIO 1.5/S/4-PE-LED 24 GN, PTIO 1.5/S/4-PE-LED 24 RD, PTS 1.5/S-PE/L/L/3P

Model(s): PP-H 1.5/S/1, PP-H 1.5/S/1-L, PP-H 1.5/S/1-M, PP-H 1.5/S/1-R, PP-H 1.5/S/followed By /1 or /2 digit number, PPC 1.5/S/1, PPC 1.5/S/1-L, PPC 1.5/S/followed by /1 or /2 digit number, PT 1.5/S/2P, PT 1.5/S/2P-PE, PTIO 1.5/S/3-L-R1K8/O-M, PTIO 1.5/S/3, PTIO 1.5/S/3-LED 24 GN, PTIO 1.5/S/3-LED 24 RD, PTIO 1.5/S/3-PE, PTIO 1.5/S/4, PTIO 1.5/S/4-LED 24 GN, PTIO 1.5/S/4-LED 24 RD, PTIO 1.5/S/4-PE, PTIO 1.5/S/5, PTIO 1.5/S/5-PE or PTIO 1.5/S/5-PE/U-BK/O-WH-LED 24,48,60, PTIO 2.5/3 OG, PTIO-IN 2.5/3 OG, PTIO-IN 2.5/3-PE, PTIO-IN 2.5/4-PE OG, PTS 1.5/S-PE/L/N/3P, PTS 1.5/S-PE/L/N/3P (PE Level), PTS 1.5/S-3L/3P, PTS 1.5/S-3PE/3P, PTS 1.5/S-PE/L/L/3P *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.*

Model(s): PIT 1.5/S, PIT 1.5/S-3L, PIT 1.5/S-3PE, PIT 1.5/S-3PV, PIT 1.5/S-PE, PIT 1.5/S-PE/L/L, PIT 1.5/S-PE/L/N, PIT 1.5/S-QUATTRO, PIT 1.5/S-QUATTRO-PE, PIT 1.5/S-QUATTRO-U, PIT 1.5/S-QUATTRO/2P, PIT 1.5/S-QUATTRO/2P-PE, PIT 1.5/S-TWIN, PIT 1.5/S-TWIN-PE, PIT 1.5/S-TWIN/1P, PIT 1.5/S-TWIN/1P-PE, PIT 1.5/S/1P, PIT 1.5/S/1P-PE, PITS 1.5/S, PITS 1.5/S /1P-PE, PITS 1.5/S-PE, PITS 1.5/S-QUATTRO, PITS 1.5/S-QUATTRO-PE, PITS 1.5/S-TWIN, PITS 1.5/S-TWIN-PE, PITS 1.5/S-TWIN/1P, PITS 1.5/S-TWIN/1P-PE, PITS 1.5/S/1P, PITTB 1.5/S, PITTB 1.5/S-L/N, PITTB 1.5/S-PE, PITTB 1.5/S-PE/L, PITTB 1.5/S-PE/N, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PITTB 1.5/S, PITTB 1.5/S-PE, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PPC 1.5/S-NS/1-L, PTIO-IN 2.5/3 PTIO-IN 2.5/3-LED 24 PTIO-IN 2.5/3-LED 48 PTIO-IN 2.5/3-LED 60 PTIO-IN 2.5/3-LED or LA 250 *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*



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Certificate of Compliance

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UL-CA-L60425-6189197-
81501102-9

Report Reference:

E60425-20110518

Issue Date:

2025-11-04

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 2025-03

Additional Information:

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David Piecuch
UL Mark Certification Program Owner

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Report reference E60425-20110518
Date 2025-11-04

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

Terminal Blocks

Model(s): PIT 1.5/S-QUATTRO/TBP 1.5/S-QUATTRO, PIT 1.5/S-TWIN/TBP 1.5/S-TWIN, PIT 1.5/S/TBP 1.5/S, TBP 1.5/S-3L, TBP 1.5/S-QUATTRO-PE, TBP 1.5/S-TWIN-PE, TBP 1.5/S/2L, TBP 1.5/S/2L-PE, TBPIO 1.5/S/3

Component terminal blocks

Model(s): PITTB 1.5/S/4P, PITTB 1.5/S/4P-PE, PITTB 1.5/S/4P-PV *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*

Terminal Blocks - Component

Model(s): PTIO 1.5/S/4-PE-LED 24 GN, PTIO 1.5/S/4-PE-LED 24 RD, PTS 1.5/S-PE/L/L/3P

Model(s): PP-H 1.5/S/1, PP-H 1.5/S/1-L, PP-H 1.5/S/1-M, PP-H 1.5/S/1-R, PP-H 1.5/S/1 followed By /1 or /2 digit number, PPC 1.5/S/1, PPC 1.5/S/1-L, PPC 1.5/S/1 followed by /1 or /2 digit number, PT 1.5/S/2P, PT 1.5/S/2P-PE, PTIO 1.5/S/3-L-R1K8/O-M, PTIO 1.5/S/3, PTIO 1.5/S/3-LED 24 GN, PTIO 1.5/S/3-LED 24 RD, PTIO 1.5/S/3-PE, PTIO 1.5/S/4, PTIO 1.5/S/4-LED 24 GN, PTIO 1.5/S/4-LED 24 RD, PTIO 1.5/S/4-PE, PTIO 1.5/S/5, PTIO 1.5/S/5-PE or PTIO 1.5/S/5-PE/U-BK/O-WH-LED 24,48,60, PTIO 2.5/3 OG, PTIO-IN 2.5/3 OG, PTIO-IN 2.5/3-PE, PTIO-IN 2.5/4-PE OG, PTS 1.5/S-PE/L/N/3P, PTS 1.5/S-PE/L/N/3P (PE Level), PTS 1.5/S-3L/3P, PTS 1.5/S-3PE/3P, PTS 1.5/S-3PV/3P, PTS 1.5/S-PE/L/L/3P *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.*

Model(s): PIT 1.5/S, PIT 1.5/S-3L, PIT 1.5/S-3PE, PIT 1.5/S-3PV, PIT 1.5/S-PE, PIT 1.5/S-PE/L/L, PIT 1.5/S-PE/L/N, PIT 1.5/S-QUATTRO, PIT 1.5/S-QUATTRO-PE, PIT 1.5/S-QUATTRO-U, PIT 1.5/S-QUATTRO/2P, PIT 1.5/S-QUATTRO/2P-PE, PIT 1.5/S-TWIN, PIT 1.5/S-TWIN-PE, PIT 1.5/S-TWIN/1P, PIT 1.5/S-TWIN/1P-PE, PIT 1.5/S/1P, PIT 1.5/S/1P-PE, PITS 1.5/S, PITS 1.5/S /1P-PE, PITS 1.5/S-PE, PITS 1.5/S-QUATTRO, PITS 1.5/S-QUATTRO-PE, PITS 1.5/S-TWIN, PITS 1.5/S-TWIN-PE, PITS 1.5/S-TWIN/1P, PITS 1.5/S-TWIN/1P-PE, PITS 1.5/S/1P, PITTB 1.5/S, PITTB 1.5/S-L/N, PITTB 1.5/S-PE, PITTB 1.5/S-PE/L, PITTB 1.5/S-PE/N, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PITTB 1.5/S, PITTB 1.5/S-PE, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PPC 1.5/S-NS/1-L, PTIO-IN 2.5/3 PTIO-IN 2.5/3-LED 24 PTIO-IN 2.5/3-LED 48 PTIO-IN 2.5/3-LED 60 PTIO-IN 2.5/3-LED or LA 250 *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*



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Certificate of Compliance

Certificate Number:

UL-CA-2549319-3

Report Reference:

E60425-20110518

Issue Date:

2025-11-04

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 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-2549319-3
Report reference E60425-20110518
Date 2025-11-04

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

Terminal Blocks

Model(s): PIT 1.5/S-QUATTRO/TBP 1.5/S-QUATTRO, PIT 1.5/S-TWIN/TBP 1.5/S-TWIN, PIT 1.5/S/TBP 1.5/S, TBP 1.5/S-3L, TBP 1.5/S-QUATTRO-PE, TBP 1.5/S-TWIN-PE, TBP 1.5/S/2L, TBP 1.5/S/2L-PE, TBPIO 1.5/S/3

Component terminal blocks

Model(s): PITTB 1.5/S/4P, PITTB 1.5/S/4P-PE, PITTB 1.5/S/4P-PV *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*

Terminal Blocks - Component

Model(s): PTIO 1.5/S/4-PE-LED 24 GN, PTIO 1.5/S/4-PE-LED 24 RD, PTS 1.5/S-PE/L/L/3P

Model(s): PP-H 1.5/S/1, PP-H 1.5/S/1-L, PP-H 1.5/S/1-M, PP-H 1.5/S/1-R, PP-H 1.5/S/followed By /1 or /2 digit number, PPC 1.5/S/1, PPC 1.5/S/1-L, PPC 1.5/S/followed by /1 or /2 digit number, PT 1.5/S/2P, PT 1.5/S/2P-PE, PTIO 1.5/S/3-L-R1K8/O-M, PTIO 1.5/S/3, PTIO 1.5/S/3-LED 24 GN, PTIO 1.5/S/3-LED 24 RD, PTIO 1.5/S/3-PE, PTIO 1.5/S/4, PTIO 1.5/S/4-LED 24 GN, PTIO 1.5/S/4-LED 24 RD, PTIO 1.5/S/4-PE, PTIO 1.5/S/5, PTIO 1.5/S/5-PE or PTIO 1.5/S/5-PE/U-BK/O-WH-LED 24,48,60, PTIO 2.5/3 OG, PTIO-IN 2.5/3 OG, PTIO-IN 2.5/3-PE, PTIO-IN 2.5/4-PE OG, PTS 1.5/S-PE/L/N/3P, PTS 1.5/S-PE/L/N/3P (PE Level), PTS 1.5/S-3L/3P, PTS 1.5/S-3PE/3P, PTS 1.5/S-3PV/3P, PTS 1.5/S-PE/L/L/3P *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.*

Model(s): PIT 1.5/S, PIT 1.5/S-3L, PIT 1.5/S-3PE, PIT 1.5/S-3PV, PIT 1.5/S-PE, PIT 1.5/S-PE/L/L, PIT 1.5/S-PE/L/N, PIT 1.5/S-QUATTRO, PIT 1.5/S-QUATTRO-PE, PIT 1.5/S-QUATTRO-U, PIT 1.5/S-QUATTRO/2P, PIT 1.5/S-QUATTRO/2P-PE, PIT 1.5/S-TWIN, PIT 1.5/S-TWIN-PE, PIT 1.5/S-TWIN/1P, PIT 1.5/S-TWIN/1P-PE, PIT 1.5/S/1P, PIT 1.5/S/1P-PE, PITS 1.5/S, PITS 1.5/S /1P-PE, PITS 1.5/S-PE, PITS 1.5/S-QUATTRO, PITS 1.5/S-QUATTRO-PE, PITS 1.5/S-TWIN, PITS 1.5/S-TWIN-PE, PITS 1.5/S-TWIN/1P, PITS 1.5/S-TWIN/1P-PE, PITS 1.5/S/1P, PITTB 1.5/S, PITTB 1.5/S-L/N, PITTB 1.5/S-PE, PITTB 1.5/S-PE/L, PITTB 1.5/S-PE/N, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PITTB 1.5/S, PITTB 1.5/S-PE, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PPC 1.5/S-NS/1-L, PTIO-IN 2.5/3 PTIO-IN 2.5/3-LED 24 PTIO-IN 2.5/3-LED 48 PTIO-IN 2.5/3-LED 60 PTIO-IN 2.5/3-LED or LA 250 *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*



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Certificate of Compliance

Certificate Number:

UL-CA-2549320-3

Report Reference:

E60425-20110518

Issue Date:

2025-11-04

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 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-2549320-3
Report reference E60425-20110518
Date 2025-11-04

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

Terminal Blocks

Model(s): PIT 1.5/S-QUATTRO/TBP 1.5/S-QUATTRO, PIT 1.5/S-TWIN/TBP 1.5/S-TWIN, PIT 1.5/S/TBP 1.5/S, TBP 1.5/S-3L, TBP 1.5/S-QUATTRO-PE, TBP 1.5/S-TWIN-PE, TBP 1.5/S/2L, TBP 1.5/S/2L-PE, TBPIO 1.5/S/3

Component terminal blocks

Model(s): PITTB 1.5/S/4P, PITTB 1.5/S/4P-PE, PITTB 1.5/S/4P-PV *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*

Terminal Blocks - Component

Model(s): PTIO 1.5/S/4-PE-LED 24 GN, PTIO 1.5/S/4-PE-LED 24 RD, PTS 1.5/S-PE/L/L/3P

Model(s): PP-H 1.5/S/1, PP-H 1.5/S/1-L, PP-H 1.5/S/1-M, PP-H 1.5/S/1-R, PP-H 1.5/S/1 followed By /1 or /2 digit number, PPC 1.5/S/1, PPC 1.5/S/1-L, PPC 1.5/S/1 followed by /1 or /2 digit number, PT 1.5/S/2P, PT 1.5/S/2P-PE, PTIO 1.5/S/3-L-R1K8/O-M, PTIO 1.5/S/3, PTIO 1.5/S/3-LED 24 GN, PTIO 1.5/S/3-LED 24 RD, PTIO 1.5/S/3-PE, PTIO 1.5/S/4, PTIO 1.5/S/4-LED 24 GN, PTIO 1.5/S/4-LED 24 RD, PTIO 1.5/S/4-PE, PTIO 1.5/S/5, PTIO 1.5/S/5-PE or PTIO 1.5/S/5-PE/U-BK/O-WH-LED 24,48,60, PTIO 2.5/3 OG, PTIO-IN 2.5/3 OG, PTIO-IN 2.5/3-PE, PTIO-IN 2.5/4-PE OG, PTS 1.5/S-PE/L/N/3P, PTS 1.5/S-PE/L/N/3P (PE Level), PTS 1.5/S-3L/3P, PTS 1.5/S-3PE/3P, PTS 1.5/S-3PV/3P, PTS 1.5/S-PE/L/L/3P *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.*

Model(s): PIT 1.5/S, PIT 1.5/S-3L, PIT 1.5/S-3PE, PIT 1.5/S-3PV, PIT 1.5/S-PE, PIT 1.5/S-PE/L/L, PIT 1.5/S-PE/L/N, PIT 1.5/S-QUATTRO, PIT 1.5/S-QUATTRO-PE, PIT 1.5/S-QUATTRO-U, PIT 1.5/S-QUATTRO/2P, PIT 1.5/S-QUATTRO/2P-PE, PIT 1.5/S-TWIN, PIT 1.5/S-TWIN-PE, PIT 1.5/S-TWIN/1P, PIT 1.5/S-TWIN/1P-PE, PIT 1.5/S/1P, PIT 1.5/S/1P-PE, PITS 1.5/S, PITS 1.5/S /1P-PE, PITS 1.5/S-PE, PITS 1.5/S-QUATTRO, PITS 1.5/S-QUATTRO-PE, PITS 1.5/S-TWIN, PITS 1.5/S-TWIN-PE, PITS 1.5/S-TWIN/1P, PITS 1.5/S-TWIN/1P-PE, PITS 1.5/S/1P, PITTB 1.5/S, PITTB 1.5/S-L/N, PITTB 1.5/S-PE, PITTB 1.5/S-PE/L, PITTB 1.5/S-PE/N, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PITTB 1.5/S, PITTB 1.5/S-PE, PITTB 1.5/S-PV, PITTB 1.5/S/2P, PITTB 1.5/S/2P-PE, PITTB 1.5/S/2P-PV, PPC 1.5/S-NS/1-L, PTIO-IN 2.5/3 PTIO-IN 2.5/3-LED 24 PTIO-IN 2.5/3-LED 48 PTIO-IN 2.5/3-LED 60 PTIO-IN 2.5/3-LED or LA 250 *All PIT(S), PITTB(S), PITI, PITO Series may have the optional letter "I" removed in the Cat. No. Ex. - PT, PITTB(S), PTO, etc*



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and Report

DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component terminal blocks, Type P w/wo I f/b T 1.5/S/TBP 1.5/S; w/wo suffixes -TWIN, -QUATTRO, -QUATTRO-U, -3L, -3PV, /1P, /2P, -TWIN/1P or -QUATTRO/2P, **PT 1.5/S-3L OR TBP 1.5/S-3L**.

Type P w/wo I f/b TS 1.5/S; w/wo suffixes -TWIN, -QUATTRO, /1P or -TWIN/1P.

Type P w/wo I f/b TTB 1.5/S; w/wo suffixes -PV, -L/N, /2P /4P, /2P-PV, Or /4P-PV.

Type P w/wo I f/b TTBS 1.5/S; w/wo suffixes /S, /S-PV, S-L/N, /S/2P or /S/2P-PV.

Type PP-H 1.5/S, followed by /one or two digit number; with/without suffixes /1-L, /1-M or /1-R.

Type PPC 1.5/S, followed by /one or two digit number, followed by /1, /1-L, -NS/1-L.

*Type PTIO 1.5/S/3 **or TBPIO 1.5/S/3**, PTIO 1.5/S/4, PTIO 1.5/S/5, PTIO 1.5/S/3-LED 24 RD, PTIO 1.5/S/3-LED 24 GN, PTIO 1.5/S/4-LED 24 RD, PTIO 1.5/S/4-LED 24 GN, PTIO 2.5/3 OG, PTIO-IN 2.5/3, PTIO-IN 2,5/3-LED 24, PTIO-IN 2,5/3-LED 48, PTIO-IN 2,5/3-LED 60, PTIO-IN 2,5/3-LED or LA 250, PTIO 1,5/S/3-L-R1K8/O-M

USR, CNR - Component protective conductor terminal blocks, Type P/w/wo I f/b T 1.5/S; followed by suffixes -PE, -TWIN-PE, -QUATTRO-PE, -3PE, -PE/L/L, -PE-L/N, /1P-PE, or /2P-PE, **PT 1.5/S-TWIN-PE OR TBP 1.5/S-TWIN-PE, PT 1.5/S-QUATTRO-PE OR TBP 1.5/S-QUATTRO-PE**.

Type P w/wo I f/b TI 2.5-PE; w/wo suffixes -L, -N, -L/L, -L/N, -L/LT, -L/NT, -L/LTB, -L/NTB or -L/TG.

Type P w/wo I f/b TS 1.5/S; followed by suffixes -PE, -TWIN-PE, /1P-PE or /S-TWIN/1P-PE, **PTTB 1.5/S OR TBP 1.5/S/2L**.

Type P w/wo I f/b TTB 1.5/S; followed by suffixes -PE, -PE/L, -PE/N, /2P-PE, or /4P-PE, **PTTB 1.5/S-PE OR TBP 1.5/S/2L-PE**.

Type P w/wo I f/b TTBS 1.5/S; followed by suffixes -PE or /2P-PE.

Type PTIO 1.5/S/3-PE. PTIO 1.5/S/4-PE, PTIO 15/S/4-PE-LED 24 GN, PTIO 15/S/4-PE-LED 24 RD, PTIO 1.5/S/5-PE or PTIO 1,5/S/5-PE/U-BK/O-WH-LED 24,48,60, PTIO-IN 2.5/3 OG, PTIO-IN2.5/4-PE OG, PTIO-IN 2.5/3-PE.

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and Report

USR, CNR - Component terminal blocks, Cat. Nos. PTS 1.5/S-3L/3P or PTS 1.5/S-3PV/3P, PTS 1.5/S-3PE/3P and PTS 1.5/S-PE/L/L/3P or PTS 1.5/S-PE/L/N/3P

Note: Throughout the rest of this report the optional Suffix "I" is included in the Cat. No.

Note -

USR - Products designated USR have been investigated using US requirements as noted in the Test Record.

***CNR - Products designated CNR have been investigated using Canadian requirements as noted in the Test Record.**

GENERAL:

Type PIT **1.5/S/TBP 1.5/S** is a single pole terminal block with spring clamp wire connectors suitable for use with solid and stranded wires. It is intended for DIN rail mounting. Single-poles may be grouped to form multi-pole units of indefinite length. The Suffixes indicate options such as grounding (-PE) and single input dual output (-TWIN), dual input dual output (QUATTRO) circuits. The PIT 1.5 series features a release lever to remove terminated wires. The Suffixes /1P and /2P signify one or two pins on the output side for the connection of PP-H plugs. PP-H plugs can also be used with PPC receptacles. Both PP-H and PPC feature a release lever to remove terminated wires.

Application for USA and Canada -

Commercial appliances (such as business and EDP equipment, etc.).

Industrial control devices (such as motor controllers, push-button stations, etc.).

Industrial control devices having limited ratings (see note A under Ratings).

Application for USA only -

Industrial, devices using the alternative approach to spacings (Group F).

Type Wiring - The spring action terminals are suitable for field and factory-wiring.

RATINGS:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PIT 1.5/S/TBP 1.5/S	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PIT 1.5/S-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PIT 1.5/S-TWIN/TBP 1.5/S-TWIN	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
*PIT 1.5/S-TWIN-PE, TBP 1.5/S-TWIN-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C
PIT 1.5/S-QUATTRO/TBP 1.5/S-QUATTRO	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
*PIT 1.5/S-QUATTRO-PE, TBP 1.5/S-QUATTRO-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PIT 1.5/S-QUATTRO-U	26-14 str/sol	Cu	2	N/A	300	15	B
	26-14 str/sol	Cu	2	N/A	150	15	C
	26-14 str/sol	Cu	2	N/A	300	10	D
*PITTB 1.5/S, TBP 1.5/S/2L	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
*PITTB 1.5/S-PE, TBP 1.5/S/2L-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PITTB 1.5/S-PV	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITTB 1.5/S-L/N	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITTB 1.5/S-PE/L	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PITTB 1.5/S-PE/N	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
*PIT 1.5/S-3L, TBP 1.5/S-3L	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PIT 1.5/S-3PV	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PIT 1.5/S-3PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PIT 1.5/S-PE/L/N	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PIT 1.5/S-PE/L/L	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PITS 1.5/S	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITS 1.5/S-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PITS 1.5/S-TWIN	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITS 1.5/S-TWIN-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D

RATINGS CONTINUED:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PITS 1.5/S-QUATTRO	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITS 1.5/S-QUATTRO- PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PITTBS 1.5/S	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITTBS 1.5/S-PV	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITTBS 1.5/S-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PIT 1.5/S/1P	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PIT 1.5/S/1P-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PIT 1.5/S-TWIN/1P	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PIT 1.5/S-TWIN/1P-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PIT 1.5/S-QUATTRO/2P	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PIT 1.5/S- QUATTRO/2P-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PITTB 1.5/S/2P	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITTB 1.5/S/2P-PV	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITTB 1.5/S/2P-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PP-H 1.5/S/1	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PP-H 1.5/S/... (1)	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PP-H 1.5/S/1-L	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PP-H 1.5/S/1-M	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D
PP-H 1.5/S/1-R	26-14 str/sol	Cu	2	N/A	300	15	B,C
	26-14 str/sol	Cu	2	N/A	600	5	D

(1) Followed by one or two digit number.

RATINGS CONTINUED:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG (A)
PPC 1.5/S/1	26-14 str/sol	Cu	2	N/A	300	15	B, C
	26-14 str/sol	Cu	2	N/A	600	5	D
PPC 1.5/S/... (1)	26-14 str/sol	Cu	2	N/A	300	15	B, C
	26-14 str/sol	Cu	2	N/A	600	5	D
PPC 1.5/S/1-L	26-14 str/sol	Cu	2	N/A	300	15	B, C
	26-14 str/sol	Cu	2	N/A	600	5	D
PPC 1.5/S-NS/1-L	26-14 str/sol	Cu	2	N/A	300	15	B, C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITS 1.5/S/1P	26-14 str/sol	Cu	2	N/A	300	15	B, C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITS 1.5/S /1P-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B, C, D
PITS 1.5/S-TWIN/1P	26-14 str/sol	Cu	2	N/A	300	15	B, C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITS 1.5/S-TWIN/1P-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B, C, D
PITTBS 1.5/S/2P	26-14 str/sol	Cu	2	N/A	300	15	B, C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITTBS 1.5/S/2P-PV	26-14 str/sol	Cu	2	N/A	300	15	B, C
	26-14 str/sol	Cu	2	N/A	600	5	D
PITTBS 1.5/S/2P-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B, C, D
PT 1.5/S/2P	N/A	Cu	2	N/A	300	15	B, C
	N/A	Cu	2	N/A	600	5	D
PT 1.5/S/2P-PE	N/A	Cu	2	N/A	N/A	N/A	B, C, D
PITTB 1.5/S/4P	N/A	Cu	2	N/A	300	15	B, C
	N/A	Cu	2	N/A	600	5	D
PITTB 1.5/S/4P-PV	N/A	Cu	2	N/A	300	15	B, C
	N/A	Cu	2	N/A	600	5	D
PITTB 1.5/S/4P-PE	N/A	Cu	2	N/A	N/A	N/A	B, C, D
*PTIO 1.5/S/3, TBPIO 1.5/S/3	26-14	Cu	2	N/A	300	15	B
					150	15	C
					300	10	D
PTIO 1.5/S/4	26-14	Cu	2	N/A	300	15	B
					150	15	C
					300	10	D
PTIO 1.5/S/5	26-14	Cu	2	N/A	300	15	B
					150	15	C
					500	15	F (1)
PTIO 1.5/S/5-PE or PTIO 1,5/S/5-PE/U- BK/O-WH-LED 24,48,60	26-14	Cu	2	N/A	300	15	B
					150	15	C
					500	15	F (1)
					300	N/A (2)	B, C, D

Note 1 - Usage Group F is assigned only for USA.

Note 2 - No current rating assigned only for grounding terminal.

RATINGS CONTINUED:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PTIO 1.5/S/3-LED 24 RD	26-14	Cu	2	N/A	300	15	B
					150	15	C
					300	10	D
PTIO 1.5/S/3-LED 24 GN	26-14	Cu	2	N/A	300	15	B
					150	15	C
					300	10	D
PTIO 1.5/S/4-LED 24 RD	26-14	Cu	2	N/A	300	15	B
					150	15	C
					300	10	D
PTIO 1.5/S/4-LED 24 GN	26-14	Cu	2	N/A	300	15	B
					150	15	C
					300	10	D
PTIO 2.5/3 OG	24-12	Cu	2	N/A	300	16	B
					150	15	C
					300	10	D
PTIO 1.5/S/3-PE	26-14	Cu	2	N/A	300	15	B
					150	15	C
					300	10	D
PTIO 1.5/S/3-PE 26-14 (PE Level)	26-14 (PE Level)	Cu	2	N/A	N/A	N/A	B
							C
							D
PTIO-IN 2.5/3 OG	24-12	Cu	2	N/A	300	10	B
					150	16	C
					300	10	D
PTIO-IN 2.5/3 PTIO-IN 2,5/3-LED 24 PTIO-IN 2,5/3-LED 48 PTIO-IN 2,5/3-LED 60 PTIO-IN 2,5/3-LED or LA 250	24-12	Cu	2	N/A	300	10	B
					150	16	C
					300	10	D
PTIO 1.5/S/4-PE PTIO 15/S/4-PE-LED 24 GN PTIO 15/S/4-PE-LED 24 RD	26-14	Cu	2	N/A	300	15	B
					150	15	C
					300	10	D
PTIO 1.5/S/4-PE PTIO 15/S/4-PE-LED 24 GN PTIO 15/S/4-PE-LED 24 RD	26-14 (PE Level)	Cu	2	N/A	N/A	N/A	B
							C
							D
PTIO-IN 2.5/4-PE OG	24-12	Cu	2	N/A	300	10	B
					150	16	C
					300	10	D
PTIO-IN 2.5/4-PE OG 24-12 (PE Level)	24-12 (PE Level)	Cu	2	N/A	N/A	N/A	B
							C
							D

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PTS 1.5/S-3L/3P, PTS 1.5/S-3PV/3P	26-14	Cu	2	N/A	300	13	B, C
					600	5	D
					500	13	F
PTS 1.5/S-3PE/3P	26-14	Cu	2	N/A	N/A	N/A	B, C
PTS 1.5/S-PE/L/L/3P PTS 1,5/S-PE/L/N/3P	26-14	Cu	2	N/A	300	13	B, C
					600	5	D
					500	13	F
PTS 1.5/S-PE/L/L/3P PTS 1,5/S-PE/L/N/3P (PE Level)	26-14	Cu	2	N/A	N/A	N/A	B, C
PTIO-IN 2.5/3-PE	24-12	Cu	2	N/A	300	10	B
					150	16	C
					300	10	D
	24-12 (PE Level)	Cu	2	N/A	N/A	N/A	B, C, D, F
PTIO 1,5/S/3-L- R1K8/O-M	26-14	Cu	2	NA	50	15	C

(1) Followed by one or two digit number.

Wire Strip Length - 8 mm for all Cat. Nos. except PT10 2.5.

Wire Strip Length - 10 mm for Cat. Nos. PTIO 2.5.

Wire strip length for PTS 1.5/s is 8mm.

Note A - These limited ratings are applicable to a terminal block for use in or with industrial control equipment whereby the load on any single circuit of the terminal block does not exceed 15 A at 51-150 V, 10 A at 151-300 V, or 5 A at 301-600 V, or the maximum ampere rating, whichever is less.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

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

Conditions of Acceptability -

1. The mounting suitability shall be determined in the end-use equipment.
2. The field wiring terminals of this terminal block have been evaluated using the Standard for Equipment Wiring Terminals For Use With Aluminum and/or Copper Conductors, UL 486E. The suitability of these terminals shall be determined in the end-use investigation.
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 rating are specified in the "Section General" pages in this Procedure. The acceptability of these materials shall be judged in the end use application.
4. Types PTIO with Suffix -LED provide an LED with resistor. The suitability of these components shall be determined in the end-use equipment.
5. Cat. No. PTS 1.5/S The terminal block spacing requirements were determined based on use in circuits where an alternative spacing evaluation is conducted in accordance with Section 39 of the Standard for Industrial Control Equipment, UL 508, and Section 36.9 of the Standard for Power Conversion Equipment, UL 508C. Terminal Blocks were evaluated for Pollution Degree 3, and Overvoltage Category III. Through-air (clearance) spacings are minimum 5.5mm; over-surface (creepage) spacings are minimum 10.0mm.
6. **PTIO 1,5/S/3-L-R1K8/O-M with resistor, The suitability of electronics components shall be determined in the end-use equipment.**

NOMENCLATURE:

The Type Nos. are designated as follows:

Typical Type No.	PIT 1.5/S	-PE
	1	2

1. Basic Type No. - PIT 1.5/S/**TBP 1.5/S** - with wire release lever, vertical wire entry

- PITS 1.5/S - with wire release lever, angled wire entry
- PITTB 1.5/S - double level with wire release lever
- PITTBs 1.5/S - angled entry double level with wire release lever
- PP-H 1.5/S - output plug without wire release lever
- PPC 1.5/S - receptacle for use with PP-H 1.5 with wire release lever
- PTIO (with Suffixes)- spring action block, various configurations as shown in Ills. 55-62.

2. Suffixes -

None - Feed through block

-PE - Grounding (PCTB) with snap-on grounding foot

-TWIN - Single input, dual output

-TWIN-PE - Single input, dual output Grounding (PCTB) with snap-on grounding foot

-QUATTRO - Dual input, dual output

-QUATTRO-PE - Dual input, dual output Grounding (PCTB) with snap-on grounding foot

- QUATTRO-U -

-PV - double level terminal blocks with upper and lower levels commoned

/1P - one pin for use with PP-H 1.5 plugs

-TWIN/1P - Single input, dual output for use with PP-H 1.5 plugs

-QUATTRO/2P - Dual input, dual output for use with PP-H 1.5 plugs

/2P - two pins for use with PP-H 1.5 plugs

/2P-PV - two pins for use with PP-H 1.5 plugs upper/lower level commoned

/4P - four pins for use with PP-H 1.5 plugs

/4P-PV - four pins for use with PP-H 1.5 plugs upper/lower level commoned

-3L - three level terminal block

-3PV - three level terminal block, levels commoned

-L/N - two level terminal block, blue top

/1 - single section plug;

-L - Left end

-R - Right end;

-M - Center position

/1 or 2-digit number designating number of poles

-NS/1-L - plug with provision for marker strip

NOMENCLATURE:

Nomenclature: PTIO 1.5/S/5

PTIO	X0	S	5	PE
A	B	C	D	E

A: PTIO - Initiator / Actuator type terminal block

B: With or without suffix: X0: 1.5 = wire cross-section: 1.5 sq. mm

C: With or without suffix (S): Initiator / Actuator type.

D: With or without suffix (5): May be any numeric number for number of Potential.

E: With or without suffix (PE): Protective Conductor Terminal Block

F: With or without suffix (/O): upper part

G: With or without suffix (/U): lower part

H: With or without suffix (X1): LED24, LED48, LED60

I:With or without suffix GN, RD

PTIO 1.5/S/5	PTIO 1.5/S/5-PE
PTIO 1,5/S/5-PE/U-BK/O-WH- LED 48	PTIO 1,5/S/5-PE/U-BK/O-WH- LED 24
PTIO 1,5/S/5-PE/U-BK/O-WH- LED 60	

Note 1. With all colour variants are possible and they can be added at any position of nomenclature.

Note 2. In nomenclature can be used /,- and space between every suffix.

Nomenclature: PTS 1.5/S

PTS 1.5/S	X1	X2	X3	3P
A	B	C	D	E

A: PTS 1.5/S - Push-in type feed-through terminal block with 1,5 sq. mm wire release lever, angled wire entry

B: (X1) w/wo suffix (-PE): Grounding, which can be in any combination acc to PE levels of

articles. example for 3 levels 3PE, for single level PE.

C: (X2) w/wo suffix (L or N) : L-Line & N-Neutral , which can be in any combination acc to levels

of articles example for 2 levels 2L, L/L, L/N etc.

D: (X3) w/wo suffix PV: With Equipotential bonder which can be in any combination acc to

PV levels of articles example for 3 levels 3PV, for single level PV.

E: with or without suffix 3P(three plugs)

PTS 1,5/S-3L/3P	PTS 1,5/S-3PV/3P
PTS 1,5/S-3PE/3P	PTS 1,5/S-PE/L/L/3P
PTS 1,5/S-PE/L/N/3P	

With all colour variants are possible and the can be added at any position of nomenclature

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

NOMENCLATURE CODE: PTIO 1,5/S/3-L-R1K8/O-M

PTIO	1.5	S	3	X0	X1	X2
A	B	C	D	E	F	G

A - Basic Designation: PTIO : Spring action block

B - With or without suffix: X0: 1.5 = wire cross-section: 1.5 sq. mm

C - With or without suffix (S): Initiator / Actuator type.

D - With or without suffix (3): May be any numeric number for number of Potential

E- With or without suffix (X0): L-R : Left end to Right end

F- With or without suffix (X1): R1K8: 1.8kOhm resistor

G- With or without suffix (X2): O-M : Upper to Centre Position

With all colour variants are possible and the can be added at any position of nomenclature

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

Nomenclature: PTIO-IN 2.5/3 Series

PTIO	X0	X1	X2	X3	X4
A	B	C	D	E	F

A : PTIO: Sensor/Actuator type terminal block

B: with or without suffix X0 : -IN = for input signalling

C: with or without suffix X1 : 2.5 = wire cross section: 2.5 sq. mm

D: with or without suffix X2: /3 = number of connection

E: with or without suffix X3: -PE = for grounding application

F: with or without suffix X4: -LED/LA 24,48,60,250 :for LED indicator

With all colour variants are possible and that can be added at any position of nomenclature and the any suffixes can be added at any position of nomenclature.

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

PTIO-IN 2,5/3	PTIO-IN 2,5/3-LED 24
PTIO-IN 2,5/3-LED 48	PTIO-IN 2,5/3-LED 60
PTIO-IN 2,5/3-LED or LA 250	PTIO-IN 2,5/3-PE

CONSTRUCTION DETAILS:

The product shall be constructed in accordance with the following description.

Marking (USR) - The marking of a terminal block shall include:

1. The manufacturer's name or trade name or trademark on the terminal block.
2. The Cat. Nos. which may be marked on the terminal block, shipping carton or stuffer sheet placed in the shipping carton.
3. Wire range, ampere and voltage rating are optional.
4. A nominal strip length shall be provided on the terminal block, the unit container, or an information sheet packed within the unit container

Marking (CNR) - The marking of a terminal block shall include:

1. The manufacturer's name or trade name or trademark on the terminal block.
2. The Cat. No., wire range, ampere and voltage rating on the device or shipping carton or stuffer sheet placed in the shipping carton.

Corrosion Protection - All parts are of corrosion resistant material or are suitably plated to resist corrosion.

Spacings - The following min spacings in inches (millimeters) shall be maintained between uninsulated live parts of opposite polarity, uninsulated live parts and uninsulated grounded parts other than the enclosure or exposed metal parts.

Application	Max V	Through Air	Over Surface
Commercial appliance, including business equipment, electronic data processing equipment, etc.	600	3/8 (9.5)	1/2 (12.7)
	300	3/32 (2.4)	3/32 (2.4)
General Industrial	600	3/8 (9.5)	1/2 (12.7)
	300	1/4 (6.4)	3/8 (9.5)
General Industrial (+)	300	1/16 (1.6) a	1/8 (3.2) a
Industrial, devices using the alternative approach to spacings (Group F) (b)	500	- (1.5) b	- (6.3) b

Note a - The spacing between field wiring terminals of opposite polarity and the spacing between a field wiring terminal and a grounded dead metal part shall not be less than 1/4 inch (6.4 mm) if short-circuiting or grounding of such terminals may result from projecting strands of wire

+ - These spacings are applicable to a terminal block for use only in or with industrial control equipment where the load on any single circuit of the terminal block does not exceed 15 A at 51-150 V, 10 A at 151-300 V, 5 A at 301-600 V, or the max A rating for the terminal block, whichever is less.

Note b - Values according to UL 840, pollution degree 3, Overvoltage Category I, material group I.