

Certificate of Compliance

Certificate Number:

UL-US-L60425-61871103-
80013102-1

Report Reference:

E60425-20131008

Issue Date:

2024-01-25

Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg, Nordrhein-Westfalen 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.



David Piecuch
UL Mark Certification Program Manager



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CERTIFICATE OF COMPLIANCE

Certificate number UL-US-L60425-61871103-80013102-1
Report reference E60425-20131008
Date 2024-01-25

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
Cat. No.: PTVFIX 2.5/n, PTVFIX 2.5-L/N, PTVFIX 2.5-3L/N, PTVFIX nX2.5 (family with multiple single-pole combination blocks(mono-blocks)., PTVFIX 2.5/n with or without -L/N, -3L/N PTVFIXX0 X1 X2 A B C D A: PTVFIX- Mini Push-in Terminal block B: with or without suffix X0 X0: 2.5 = wire cross-section: 2.5 sq. mm C: with or without suffix X1 X1: n = no. of poles, where n: 2,3,4... D: with or without suffix X2 X2: -L/N: Three level terminal block, blue top -3L/N: Five level terminal block, blue top PTVFIX 2.5/n PTVFIX 2.5-L/N PTVFIX 2.5-3L/N PTVFIX nX2.5 With all colour variants are possible and that can be added at any position of nomenclature and the suffixes can be added at any position.	USR and CNR Component - Terminal Blocks, Cat. Nos. PTVFIX 2.5/n, PTVFIX 2.5-L/N, PTVFIX 2.5-3L/N, PTVFIX nX2.5
MP nX1.5	Terminal Blocks - Component
MP nX1.5-RZ	Terminal Blocks - Component
MPI nX1.5	Terminal Blocks - Component
MPI nX1.5-F	Terminal Blocks - Component
MPT1.5/S	Terminal Blocks - Component
MPT1.5/S-1P	Terminal Blocks - Component
MPT1.5/S-1P-PE	Terminal Blocks - Component
MPT1.5/S-PE	Terminal Blocks - Component
MPT2.5	Terminal Blocks - Component
MPT2.5-PE	Terminal Blocks - Component
PTFIX 10/nX4, PTFIX 10/nX4-NS35, PTFIX 10/nX4-NS35A, PTFIX 10/nX4-G	Terminal Blocks - Component



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PTFIX 10/nX4-GNYE, PTFIX 10/nX4-NS35-GNYE, PTFIX 10/nX4-NS35A-GNYE, PTFIX 10/nX4-G-GNYE	Terminal Blocks - Component
PTFIX 2X2.5	Terminal Blocks - Component
PTFIX 2X2.5-GNYE	Terminal Blocks - Component
PTFIX 4/n X 1.5, PTFIX 4/n X 1.5-NS15A, PTFIX 4/n X 1.5-NS35AD, PTFIX 4/n X 1.5-RZF, PTFIX 4/n X 1.5-NS35, PTFIX 4/n X 1.5-G, PTFIX 4/n X 1.5-F	Terminal Blocks - Component
PTFIX 6/nX2.5-GNYE, PTFIX 6/nX2.5-NS35-GNYE, PTFIX 6/nX2.5-NS15A-GNYE, PTFIX 6/nX2.5-NS35A-GNYE, PTFIX 6/nX2.5-G-GNYE	Terminal Blocks - Component
PTFIX n X 1.5, PTFIX n X 1.5-NS15A, PTFIX n X 1.5-NS35AD, PTFIX n X 1.5-RZF, PTFIX n X 1.5-NS35, PTFIX n X 1.5-G, PTFIX n X 1.5-F	Terminal Blocks - Component
PTFIX nX2.5-GNYE, PTFIX nX2.5-NS35-GNYE, PTFIX nX2.5-NS15A-GNYE, PTFIX nX2.5-NS35A-GNYE, PTFIX nX2.5-G-GNYE	Terminal Blocks - Component
PTFIX nX4, PTFIX nX4-NS35, PTFIX nX4-NS35A, PTFIX nX4-G	Terminal Blocks - Component
PTFIX nX4-GNYE, PTFIX nX4-NS35-GNYE, PTFIX nX4-NS35A-GNYE, PTFIX nX4-G-GNYE	Terminal Blocks - Component



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Certificate of Compliance

Certificate Number:

UL-US-2351969-0

Report Reference:

E60425-20131008

Issue Date:

2024-01-25

Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg, Nordrhein-Westfalen 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:

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CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2351969-0
Report reference E60425-20131008
Date 2024-01-25

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Model	Product Description											
Cat. No.: PTVFIX 2.5/n, PTVFIX 2.5-L/N, PTVFIX 2.5-3L/N, PTVFIX nX2.5 (family with multiple single-pole combination blocks(mono-blocks)., PTVFIX 2.5/n with or without -L/N, -3L/N <table><tr><td>PTVFIXX0</td><td>X1</td><td>X2</td></tr><tr><td>A</td><td>B</td><td>C</td><td>D</td></tr></table> A: PTVFIX- Mini Push-in Terminal block B: with or without suffix X0 X0: 2.5 = wire cross-section: 2.5 sq. mm C: with or without suffix X1 X1: n = no. of poles, where n: 2,3,4... D: with or without suffix X2 X2: -L/N: Three level terminal block, blue top -3L/N: Five level terminal block, blue top <table><tr><td>PTVFIX 2.5/n</td><td>PTVFIX 2.5-L/N</td></tr><tr><td>PTVFIX 2.5-3L/N</td><td>PTVFIX nX2.5</td></tr></table> With all colour variants are possible and that can be added at any position of nomenclature and the suffixes can be added at any position.	PTVFIXX0	X1	X2	A	B	C	D	PTVFIX 2.5/n	PTVFIX 2.5-L/N	PTVFIX 2.5-3L/N	PTVFIX nX2.5	USR and CNR Component - Terminal Blocks, Cat. Nos. PTVFIX 2.5/n, PTVFIX 2.5-L/N, PTVFIX 2.5-3L/N, PTVFIX nX2.5
PTVFIXX0	X1	X2										
A	B	C	D									
PTVFIX 2.5/n	PTVFIX 2.5-L/N											
PTVFIX 2.5-3L/N	PTVFIX nX2.5											



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Germany

This certificate confirms that representative samples of:

XCFR8 - Terminal Blocks Certified for Canada - Component

See Addendum Page for Product Designation(s).

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MP nX1.5	Terminal Blocks - Component
MP nX1.5-RZ	Terminal Blocks - Component
MPI nX1.5	Terminal Blocks - Component
MPI nX1.5-F	Terminal Blocks - Component
MPT1.5/S	Terminal Blocks - Component
MPT1.5/S-1P	Terminal Blocks - Component
MPT1.5/S-1P-PE	Terminal Blocks - Component
MPT1.5/S-PE	Terminal Blocks - Component
MPT2.5	Terminal Blocks - Component
MPT2.5-PE	Terminal Blocks - Component
PTFIX 10/nX4, PTFIX 10/nX4-NS35, PTFIX 10/nX4-NS35A, PTFIX 10/nX4-G	Terminal Blocks - Component



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PTFIX 10/nX4-GNYE, PTFIX 10/nX4-NS35-GNYE, PTFIX 10/nX4-NS35A-GNYE, PTFIX 10/nX4-G-GNYE	Terminal Blocks - Component
PTFIX 2X2.5	Terminal Blocks - Component
PTFIX 2X2.5-GNYE	Terminal Blocks - Component
PTFIX 4/n X 1.5, PTFIX 4/n X 1.5-NS15A, PTFIX 4/n X 1.5-NS35AD, PTFIX 4/n X 1.5-RZF, PTFIX 4/n X 1.5-NS35, PTFIX 4/n X 1.5-G, PTFIX 4/n X 1.5-F	Terminal Blocks - Component
PTFIX 6/nX2.5-GNYE, PTFIX 6/nX2.5-NS35-GNYE, PTFIX 6/nX2.5-NS15A-GNYE, PTFIX 6/nX2.5-NS35A-GNYE, PTFIX 6/nX2.5-G-GNYE	Terminal Blocks - Component
PTFIX n X 1.5, PTFIX n X 1.5-NS15A, PTFIX n X 1.5-NS35AD, PTFIX n X 1.5-RZF, PTFIX n X 1.5-NS35, PTFIX n X 1.5-G, PTFIX n X 1.5-F	Terminal Blocks - Component
PTFIX nX2.5-GNYE, PTFIX nX2.5-NS35-GNYE, PTFIX nX2.5-NS15A-GNYE, PTFIX nX2.5-NS35A-GNYE, PTFIX nX2.5-G-GNYE	Terminal Blocks - Component
PTFIX nX4, PTFIX nX4-NS35, PTFIX nX4-NS35A, PTFIX nX4-G	Terminal Blocks - Component
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Certificate of Compliance

Certificate Number:

UL-CA-2345198-0

Report Reference:

E60425-20131008

Issue Date:

2024-01-25

Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg, Nordrhein-Westfalen 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, 4th Ed., Issue Date: 2023-02-01

Additional Information:

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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2345198-0
Report reference E60425-20131008
Date 2024-01-25

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Model	Product Description											
Cat. No.: PTVFIX 2.5/n, PTVFIX 2.5-L/N, PTVFIX 2.5-3L/N, PTVFIX nX2.5 (family with multiple single-pole combination blocks(mono-blocks)., PTVFIX 2.5/n with or without -L/N, -3L/N <table><tr><td>PTVFIXX0</td><td>X1</td><td>X2</td></tr><tr><td>A</td><td>B</td><td>C</td><td>D</td></tr></table> A: PTVFIX- Mini Push-in Terminal block B: with or without suffix X0 X0: 2.5 = wire cross-section: 2.5 sq. mm C: with or without suffix X1 X1: n = no. of poles, where n: 2,3,4... D: with or without suffix X2 X2: -L/N: Three level terminal block, blue top -3L/N: Five level terminal block, blue top <table><tr><td>PTVFIX 2.5/n</td><td>PTVFIX 2.5-L/N</td></tr><tr><td>PTVFIX 2.5-3L/N</td><td>PTVFIX nX2.5</td></tr></table> With all colour variants are possible and that can be added at any position of nomenclature and the suffixes can be added at any position.	PTVFIXX0	X1	X2	A	B	C	D	PTVFIX 2.5/n	PTVFIX 2.5-L/N	PTVFIX 2.5-3L/N	PTVFIX nX2.5	USR and CNR Component - Terminal Blocks, Cat. Nos. PTVFIX 2.5/n, PTVFIX 2.5-L/N, PTVFIX 2.5-3L/N, PTVFIX nX2.5
PTVFIXX0	X1	X2										
A	B	C	D									
PTVFIX 2.5/n	PTVFIX 2.5-L/N											
PTVFIX 2.5-3L/N	PTVFIX nX2.5											



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DESCRIPTION

PRODUCT COVERED:

USR and CNR Component - Terminal Blocks, Cat. Nos. MPT1.5/S, MPT1.5/S-PE, MPT1.5/S-1P, MPT1.5/S-1P-PE, MPT2.5, MPT2.5-PE, MP nX1.5, MPI nX1.5, MP nX1.5-F, MPnX1.5-RZ, PTFIX nX2.5, PTFIX nX2.5-NS35, PTFIX nX2.5-NS15A, PTFIX nX2.5-NS35A, PTFIX nX2.5-G, PTFIX 6/nX2.5-NS35, PTFIX 6/nX2.5-NS15A, PTFIX 6/nX2.5-NS35A, PTFIX 6/nX2.5, PTFIX 6/nX2.5-G, PTFIX 2X2.5, PTFIX nX4, PTFIX nX4-NS35, PTFIX nX4-NS35A, PTFIX nX4-G, PTFIX 10/nX4, PTFIX 10/nX4-NS35, PTFIX 10/nX4-NS35A, PTFIX 10/nX4-G, PTFIX n X 1.5, PTFIX n X 1.5-NS15A, PTFIX n X 1.5-NS35AD, PTFIX n X 1.5-RZF, PTFIX n X 1.5-NS35, PTFIX n X 1.5-G, PTFIX n X 1.5-F, PTFIX 4/n X 1.5, PTFIX 4/n X 1.5-NS35, PTFIX 4/n X 1.5-NS15A, PTFIX 4/n X 1.5-G, PTFIX 4/n X 1.5-F, PTFIX 4/n X 1.5-NS35AD, PTFIX 4/n X 1.5-RZF, PTFIX n X 10/S, PTFIX n X 10/S-NS35, PTFIX n X 10/S-NS35A, PTFIX n X 10/S-G, PTFIX n X 10/S-F, PTFIX n/6X 2.5-TG-NS 35, PTFIX n/6X 2.5-TG-NS35A, PTFIX n/6X 2.5-TG-NS15A, PTFIX n/6X 2.5-TG-F, PTFIX n/6X2.5-MT-NS35, PTFIX n/6X2.5-MT-NS35A, PTFIX n/6X2.5-MT-NS 15A, PTFIX n/6X2.5-MT-F, PTFIX n/6X2.5-MTL-NS35, PTFIX n/6X2.5-MTL-NS35A, PTFIX n/6X2.5-MTL-NS 15A, PTFIX n/6X2.5-MTL-F, PTFIX 10/nX4-SI (5X20), PTFIX 10/nX4-SILED 250 (5X20), PTFIX 10/nX4-SILED 60 (5X20), PTFIX 10/nX4-SILED 24 (5X20) with or without accessories NS35/ NS35A/ NS15A/-F, MPT 2.5-M, MPT 2.5-RZ, MPT 2.5-NS 15, MPT 2.5-NS 35, MPT 2.5-NS 15-PE, MPT 2.5-NS 35-PE, MPT4, MPT4 PE, MPTD 2.5-M, MPTD 2.5-RZ, MPTD 2.5-NS 15, MPTD 2.5-NS 35 .

USR and CNR Component - Protective Conductor Terminal Blocks, Cat. Nos. PTFIX 2X2.5-GNYE, PTFIX nX2.5-GNYE, PTFIX nX2.5-NS35-GNYE, PTFIX nX2.5-NS15A-GNYE, PTFIX nX2.5-NS35A-GNYE, PTFIX 6/nX2.5-GNYE, PTFIX 6/nX2.5-NS35-GNYE, PTFIX 6/nX2.5-NS15A-GNYE, PTFIX 6/nX2.5-NS35A-GNYE, PTFIX 6/nX2.5-G-GNYE, PTFIX nX4-GNYE, PTFIX nX4-NS35-GNYE, PTFIX nX4-NS35A-GNYE, PTFIX nX4-G-GNYE, PTFIX 10/nX4-GNYE, PTFIX 10/nX4-NS35-GNYE, PTFIX 10/nX4-NS35A-GNYE, PTFIX 10/nX4-G-GNYE, PTFIX n X 10/S-GNYE, PTFIX n X 10/S-NS35-GNYE, PTFIX n X 10/S-NS35A-GNYE, PTFIX n X 10/S-G-GNYE, PTFIX n X 10/S-F-GNYE

PTVFIX nX2.5 with or without -NS 15, -NS 15A, NS 15A FIX, -NS 35, -NS 35A, -NS 35A FIX, -F, -G, **PTVFIX 2.5/n, PTVFIX 2.5-L/N, PTVFIX 2.5-3L/N, PTVFIX nX2.5(Monoblock series)**

PTVFIX 6/nX2.5 with or without -NS 15, -NS 15A, NS 15A FIX, -NS 35, -NS 35A, -NS 35A FIX, -F, -G

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:

Mini feed-trough terminal blocks. Type MPT 1.5/S and MPT 2.5 are single pole terminal blocks with spring clamp wire connectors suitable for use with solid and stranded wires. They are intended for mounting on NS 15 rail. Single-poles may be grouped to form multi-pole units of indefinite length.

Application -

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

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

Type Wiring - The pressure screw terminals are suitable for field and factory-wiring.

and Report

RATINGS:

Cat. No.	Wire size AWG	Wire type	FW	V	A	UG
MPT 1.5/S	26-14	Cu	2	300 600	15 5	B, C D
MPT 1.5/S-PE	26-14	Cu	2	N/A	N/A	B, C, D
MPT 1.5/S/1P	26-14	Cu	2	300 600	15 5	B, C 5
MPT 1.5/S/1P-PE	24-10	Cu	2	N/A	N/A	B, C, D
MPT 2.5	26-12	Cu	2	300 600	20 5	B, C D
MPT 2.5-M, MPT 2.5-RZ, MPT 2.5-NS 15, MPT 2.5-NS 35	26-12	Cu	2	600	20	B, C
				800	20	F
				600	5	D
MPT 2.5-PE	26-12	Cu	2	N/A	N/A	B, C, D
MPT 2.5-NS 15-PE, MPT 2.5-NS 35-PE	26-12	Cu	2	N/A	N/A	B, C, D, F
*MP nX1.5	26-14	Cu	2	300	15	B, C
				150	15	D
*MPI nX1.5	26-14	Cu	2	300	15	B, C
				150	15	D
*MP nX1.5-F	26-14	Cu	2	300	15	B, C
				150	15	D
PTFIX 2X2.5	26-12	Cu	2	300	20	B, C
				600	5	D
				600	20	F
PTFIX 2X2.5-GNVE	26-12	Cu	2	N/A	N/A	B, C, D
MP nX1.5-RZ PTFIX nX2.5, PTFIX nX2.5- NS35, PTFIX nX2.5-NS15A, PTFIX nX2.5-NS35A, PTFIX nX2.5-G, PTFIX nX2.5-GNVE, PTFIX nX2.5-NS35-GNVE, PTFIX nX2.5- NS15A-GNVE, PTFIX nX2.5- NS35A-GNVE, PTFIX nX2.5-G- GNVE PTFIX 6/nX2.5, PTFIX 6/nX2.5- NS35, PTFIX 6/nX2.5-NS15A, PTFIX 6/nX2.5-NS35A, PTFIX 6/nX2.5-G PTFIX 6/nX2.5-GNVE, PTFIX 6/nX2.5-NS35-GNVE, PTFIX 6/nX2.5-NS15A-GNVE, PTFIX 6/nX2.5-NS35A-GNVE, PTFIX 6/nX2.5-G-GNVE PTFIX nX4, PTFIX nX4-NS35, PTFIX nX4-NS35A, PTFIX nX4-G PTFIX nX4-GNVE, PTFIX nX4- NS35-GNVE, PTFIX nX4-NS35A- GNVE, PTFIX nX4-G-GNVE PTFIX 10/nX4, PTFIX 10/nX4- NS35, PTFIX 10/nX4-NS35A, PTFIX 10/nX4-G PTFIX 10/nX4-GNVE, PTFIX 10/nX4-NS35-GNVE, PTFIX 10/nX4-NS35A-GNVE, PTFIX 10/nX4-G-GNVE	26-14	Cu	2	300 150	15 15	B, C D
	26-12	Cu	2	300	20	B, C
				600	5	D**
	26-12	Cu	2	N/A	N/A	B, C, D
	20-8*	Cu	2	300	50	B, C
	26-12*				20	
	20-8*			600	5	D**
	26-12*					
	20-8	Cu	2	N/A	N/A	B, C, D
	26-12					
	24-10	Cu	2	600	32	B, C
	24-10	Cu	2	N/A	N/A	B, C
	10: 20-8	Cu	2	600	50	B, C
	nX4: 24-10	Cu	2	600	32	B, C
	10: 20-8	Cu	2	N/A	N/A	B, C
	nX4: 24-10					

RATINGS

PTFIX n X 1.5, PTFIX n X 1.5-NS15A, PTFIX n X 1.5-NS35AD, PTFIX n X 1.5-RZF, PTFIX n X 1.5-NS35, PTFIX n X 1.5-G, PTFIX n X 1.5-F	26-12	Cu	2	300	20	B
				150	20	C
				300	10	D
				500	20	F
	Input 24-10 Output 26-12	Cu	2	300	Input : 30, Output: 20	B
				150	Input : 30, Output: 20	C
				300	10	D
				500	Input : 30, output: 20	F
PTFIX 4/n X 1.5, PTFIX 4/n X 1.5-NS15A, PTFIX 4/n X 1.5-NS35AD, PTFIX 4/n X 1.5-RZF, PTFIX 4/n X 1.5-NS35, PTFIX 4/n X 1.5-G, PTFIX 4/n X 1.5-F	20-6	Cu	2	600	60	B, C
				600	5	D
	20-6	Cu	2	N/A	N/A	B, C, D
PTVFIX nX2.5 PTVFIX nX2.5-NS 35 PTVFIX nX2.5-NS 35A PTVFIX nX2.5-NS 35A FIX PTVFIX nX2.5-NS 15A PTVFIX nX2.5-NS 15A FIX PTVFIX nX2.5-F PTVFIX nX2.5-G	26-12	Cu	2	300	20	B, C
				600	5	D
				500	20	F
PTVFIX 6/nX2.5 PTVFIX 6/nX2.5-NS 35 PTVFIX 6/nX2.5-NS 35A PTVFIX 6/nX2.5-NS 35A FIX PTVFIX 6/nX2.5-NS 15 PTVFIX 6/nX2.5-NS 15A PTVFIX 6/nX2.5-NS 15A FIX PTVFIX 6/nX2.5-F PTVFIX 6/nX2.5-G	6sqmm: 20-8 2.5sqmm: 26-12	Cu	2	300	40 (6 sq mm), 20 (2.5 sq mm)	B, C
				600	5	D
				500	40 (6 sq mm), 20 (2.5 sq mm)	F

*

RATINGS:

Cat. No.	Wire size AWG	Wire type	FW	V	A	UG
*PTFIX n/6X 2.5-TG-NS35, PTFIX n/6X 2.5-TG-NS35A, PTFIX n/6X 2.5-TG-NS15A, PTFIX n/6X 2.5-TG-F, PTFIX n/6X2.5-MT-NS35, PTFIX n/6X2.5-MT-NS35A, PTFIX n/6X2.5-MT-NS15A, PTFIX n/6X2.5-MT-F, PTFIX n/6X2.5-MTL-NS35, PTFIX n/6X2.5-MTL-NS35A, PTFIX n/6X2.5-MTL-NS 15A, PTFIX n/6X2.5-MTL-F, PTFIX n/6X2.5-TG PTFIX n/6X2.5-MT PTFIX n/6X2.5-MTL	Input: 20 - 8 Output: 26 - 12	Cu	2	300	45	B, C
				600	5	D
				400	45	F
PTFIX 10/nX4-SI (5X20), PTFIX 10/nX4-SILED 250 (5X20), PTFIX 10/nX4-SILED 60 (5X20), PTFIX 10/nX4-SILED 24 (5X20) w or w/o NS35/ NS35A/ NS15A/-F	10: 20 - 8 nx4: 24 - 10	Cu	2	300	Input: 40 Output: : 6 X 6.3	B*
				250		F**
PTVFIX 2.5/n, PTVFIX 2.5-L/N, PTVFIX 2.5-3L/N PTVFIX nX2.5 (Monoblock series)	26-12	Cu	2	300 600 500	20 5 20	B, C D F
MPT4	24 - 10	CU	2	300	30	B, C
				600	5	D
				500	30	F
MPT4 PE	24 - 10	CU	2	-	-	B,C,D ,F
MPTD 2,5-M, MPTD 2,5-RZ, MPTD 2,5-NS 15, MPTD 2,5-NS 35	26-12	Cu	2	600	20	B, C
				600	5	D
				800	20	F

*1. The terminal block spacing requirements were determined based on use in circuits where an alternative spacing investigation is conducted in accordance with ANSI/UL 508, "Industrial Control Equipment," and ANSI/UL 508C, "Power Conversion Equipment." Terminal blocks were investigated for Pollution Degree 3, and Overvoltage Category [III]. Through-air (clearance) spacings are minimum [3.0] mm; over-surface (creepage) spacings are minimum [3.2] mm.

*2. The spacing between field wiring terminals of opposite polarity and the spacing between a field wiring terminal and a grounded dead metal part was not less than 1/4 inch (6.4 mm).

Wire Strip Length - 8 mm for Cat. Nos. MPT1.5/S with Suffixes

Wire Strip Length - 10 mm for Cat. Nos. MPT2.5 with Suffixes

Wire Strip Length- 8-10 mm for Cat. Nos. MP nX1.5, MPI nX1.5, MP nX1.5-F, MP nX1.5-RZ

PTFIX nX4 & PTFIX 10/nX4: Wire Strip length 10-12 mm for 24-10 AWG wire,

PTFIX 10/nX4: wire strip length 12-18 mm for 20-8 AWG wire

PTFIX nX1.5 - series - Wire strip length 8 - 10 mm

PTFIX 4/n X 1.5 series: Wire Strip length 10-12 mm for 24-10 AWG wire, Wire Strip length 8-10 mm for 26-12 AWG 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 maximum amp rating, whichever is less.

20-8 AWG Range is for the large spring connection with a 12 mm strip length rating and the 26-12 AWG is for the small spring connection with a 8-10 mm strip length rating.

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. The terminals have been investigated for use with copper conductors only.
5. Cat. Nos. with Suffix -PE comply with requirements for protective conductor terminal blocks in UL1059 Standard for Terminal Blocks All Cat. Nos. are intended for use on copper or steel DIN rails.
6. Steel may be used only where acceptable for current-carrying parts.
7. PTFIX nX2.5-G, PTFIX 6/nX2.5-G, PTFIX nX4-G, PTFIX 10/nX4-G and PTFIX n X 1.5-G denote a G suffix which is for use with tape referenced 3M VHB, Tape 5952. Suitability shall be determined in the end use application.
- **8. The terminal block spacing requirements were determined based on use in circuits where an alternative spacing investigation is conducted in accordance with ANSI/UL 508, "Industrial Control Equipment," and ANSI/UL 508C, "Power Conversion Equipment." Terminal blocks were investigated for Pollution Degree 3, and Overvoltage Category [III]. Through-air (clearance) spacings are minimum [3.0] mm; over-surface (creepage) spacings are minimum [3.2] mm.**
- *9. The spacing between field wiring terminals of opposite polarity and the spacing between a field wiring terminal and a grounded dead metal part was not less than 1/4 inch (6.4 mm).**
10. Protective conductor terminal blocks (PCTB), Cat. No.: MPT4 PE were tested on a steel, aluminum, symmetric DIN rail, "Top Hat" Type TH 15-5.5, measuring (Wide(max) x Drop x Thickness) 15_ by 5.5 by 1 mm, and conforming to EN 60715. Use of an alternate DIN rail shall be determined in the end product.

11. For Cat. No. MPT4 and MPT4 PE, 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 Over voltage Category III. Through-air (clearance) spacings are minimum 3mm; over-surface (creepage) spacings are minimum 3.2mm.

12. For Cat. No. MPTD 2,5-M, MPTD 2,5-RZ, MPTD 2,5-NS 15, MPTD 2,5-NS 35, 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 61800-5-1, "Safety Requirements - Electrical, Thermal and Energy "terminal Blocks were evaluated for Pollution Degree 3, and Over voltage Category I. Through-air (clearance) spacings are minimum 8mm; over-surface (creepage) spacings are minimum 10mm.

13. For Cat. No. PTVFIX 2.5/n, PTVFIX 2.5-L/N, PTVFIX 2.5-3L/N, PTVFIX nX2.5, 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 61800-5-1, "Safety Requirements - Electrical, Thermal and Energy "terminal Blocks were evaluated for Pollution Degree 3, and Over voltage Category I. Through-air (clearance) spacings are minimum 9.5mm; over-surface (creepage) spacings are minimum 12.7mm.

MP nx 1.5	MP nx 1.5-RZ
*	
*	
MP nx 1.5-F	MPI nx 1.5
*	

Nomenclature:

Nomenclature: PTFIX n X 2.5-

PTFIX	X0	X1	X2	X3
A	B	C	D	E

A: PTFIX- Mini Push-in Terminal block

B: with or without suffix X0:
n may be any numeric number for outgoing connection.

C: with or without suffix X1:
X 2.5 = wire cross-section: 2.5 sq. mm
6X2.5 = One incoming of cross-section 6 sq. mm and 'n' no of outgoing cross section: 2.5 sq. mm
n - any numeric number for number of poles joined parallel

D: with or without (X2) fixing provision:
NS35 - suitable for NS35 din rail
NS35A - suitable for NS35 din rail.
NS15A - suitable for NS15 din rail.
G - Glue pad

E: with or without suffix:
X3: GNYE- suitable for grounding provision

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

Green and Yellow colour GNYE will be used for PE application.

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

PTFIX n X 2.5	PTFIX 6/n X 2.5
PTFIX n X 2.5- NS35	PTFIX 6/n X 2.5- NS35
PTFIX n X 2.5-NS35A	PTFIX 6/n X 2.5-NS35A
PTFIX n X 2.5-NS15A	PTFIX 6/n X 2.5-NS15A
PTFIX n X 2.5-G	PTFIX 6/n X 2.5-G
PTFIX n X 2.5-GNYE	PTFIX 6/n X 2.5-GNYE
PTFIX n X 2.5- NS35-GNYE	PTFIX 6/n X 2.5- NS35-GNYE
PTFIX n X 2.5-NS35A-GNYE	PTFIX 6/n X 2.5-NS35A-GNYE
PTFIX n X 2.5-NS15A-GNYE	PTFIX 6/n X 2.5-NS15A-GNYE
PTFIX n X 2.5-G-GNYE	PTFIX 6/n X 2.5-G-GNYE

and Report

Nomenclature:

PTFIX nX4, PTFIX nX4-NS35, PTFIX nX4-NS35A, PTFIX nX4-G, PTFIX 10/nX4, PTFIX 10/nX4-NS35, PTFIX 10/nX4-NS35A, PTFIX 10/nX4-G

PTFIX	X0	X1	X2	X3
A	B	C	D	E

A: PTFIX- Mini Push-in Terminal block

B: with or without suffix: X0:

'n' = number of outgoing connection.

10 / n = One incoming of cross-section 10 sq. mm and 'n' number out going connection

C: with or without suffix: X1: = wire cross-section: 4 sq. mm

D: with or without (X2) fixing provision:

NS 35A - suitable for NS 35A din rail.

NS 35- suitable for NS35 din rail.

G- suitable for Glue pad.

E: with or without suffix:

X3: GNYE- suitable for grounding provision

PTFIX n X 4	PTFIX n X 4-NS35
PTFIX n X 4-NS35A	PTFIX n X 4-G
PTFIX n X 4-GNYE	PTFIX n X 4-NS35-GNYE
PTFIX n X 4-NS35A-GNYE	PTFIX n X 4-G-GNYE
PTFIX 10/n X 4	PTFIX 10/n X 4-NS35
PTFIX 10/n X 4-NS35A	PTFIX 10/n X 4-G
PTFIX 10/n X 4-GNYE	PTFIX 10/n X 4-NS35-GNYE
PTFIX 10/n X 4-NS35A-GNYE	PTFIX 10/n X 4-G-GNYE

Nomenclature:

PTFIX n X 1.5, PTFIX n X 1.5-NS15A, PTFIX n X 1.5-NS35AD, PTFIX n X 1.5-RZF, PTFIX n X 1.5-NS35, PTFIX n X 1.5-G, PTFIX n X 1.5-F

PTFIX	X0	X1	X2
A	B	C	D

A: PTFIX- Mini Push-in Terminal block

B: with or without suffix: X0:

n: number of connection.

C: with or without suffix: X1:

1.5: wire cross-section: 1.5 sq. mm

D: with or without (X2) fixing provision:

NS 15A: Suitable for NS 15A din rail.

NS 35: Suitable for NS35 din rail.

G: Glue pad.

NS 35AD: Suitable for mounting two terminal blocks in parallel

F: Suitable for fastening flange

RZF: Suitable for fastening flange with securing pin for fixing

PTFIX n X 1.5	PTFIX n X 1.5-NS35
PTFIX n X 1.5-NS15A	PTFIX n X 1.5-G
PTFIX n X 1.5-NS35AD	PTFIX n X 1.5-F
PTFIX n X 1.5-RZF	

Nomenclature:

PTFIX 4/n X 1.5 series

PTFIX	X0	X1	X2
A	B	C	D

A: PTFIX- Mini Push-in Terminal block

B: with or without suffix: X0:

n: number of connection.

4 / n: One incoming connection of 4 sq. mm cross section and 'n' number
out going connection

C: with or without suffix: X1:

1.5: wire cross-section: 1.5 sq. mm

D: with or without (X2) fixing provision:

NS 15A: Suitable for NS 15A din rail.

NS 35: Suitable for NS35 din rail.

G: Glue pad.

NS 35AD: Suitable for mounting two terminal blocks in parallel

F: Suitable for fastening flange

RZF: Suitable for fastening flange with securing pin for fixing

PTFIX 4/n X 1.5	PTFIX 4/n X 1.5-NS35
PTFIX 4/n X 1.5-NS15A	PTFIX 4/n X 1.5-G
PTFIX 4/n X 1.5-F	PTFIX 4/n X 1.5-NS35AD
PTFIX 4/n X 1.5-RZF	

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:

PTFIX n X 10/S, PTFIX n X 10/S-NS35, PTFIX n X 10/S-NS35A, PTFIX n X10/S-G, PTFIX n X10/S-F, PTFIX n X 10/S-GNYE, PTFIX n X 10/S-NS35-GNYE, PTFIX n X 10/S-NS35A-GNYE, PTFIX n X10/S-G-GNYE, PTFIX n X10/S-F-GNYE.

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

A: PTFIX- Mini Push-in Terminal block

B: with or without suffix:

X0: 'n' = number of outgoing connections 1,2,3...

C: with or without suffix:

X1: X10 = wire cross-section: 10 sq. mm

D: with or without suffix:

X2: /S = maximum wire size

E: with or without suffix

(X3) fixing provision:

-NS 35A - suitable for NS 35A din rail.

-NS 35- suitable for NS35 din rail.

-G- suitable for Glue pad.

-F- suitable for flange

F: with or without suffix:

X4: GNYE- suitable for grounding provision

PTFIX n X 10/S	PTFIX n X 10/S-NS35
PTFIX n X 10/S-NS35A	PTFIX n X 10/S-G
PTFIX n X 10/S-F	PTFIX n X 10/S-GNYE
PTFIX n X 10/S-NS35-GNYE	PTFIX n X 10/S-NS35A-GNYE
PTFIX n X 10/S-G-GNYE	PTFIX n X 10/S-F-GNYE

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

Green and Yellow colour GNYE will be used for PE application.

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

Nomenclature:

PTVFIX nX2.5 with or without -NS 15, -NS 15A, NS 15A FIX, -NS 35, -NS 35A, -NS 35A FIX, -F, -G

PTVFIX 6/nX2.5 with or without -NS 15, -NS 15A, NS 15A FIX, -NS 35, -NS 35A, -NS 35A FIX, -F, -G

PTVFIX	X0	X1	X2	X3
A	B	C	D	E

A: PTVFIX- Mini Push-in Terminal block

B: with or without suffix: X0: 6/ = wire cross-section: 6 sq. mm

C: with or without suffix: X1: n = no. of poles

For single pole n may or maynot be available

D: with or without suffix: X2: X2.5 = wire cross section:2.5 sq. mm

E: with or without suffix (X3) fixing provision= NS 15,-NS 15A, -NS 15A FIX, -NS 35, -NS 35A, -NS 35 A FIX, -F, -G

PTVFIX nX2.5-NS15	PTVFIX nX2.5-NS15A
PTVFIX nX2.5-NS15 FIX	PTVFIX nX2.5-NS35
PTVFIX nX2.5-NS35A	PTVFIX nX2.5-NS35A FIX
PTVFIX nX2.5-G	PTVFIX nX2.5-F
PTVFIX n/6X2.5-NS15	PTVFIX n/6X2.5-NS15A
PTVFIX n/6X2.5-NS15 FIX	PTVFIX n/6X2.5-NS35
PTVFIX n/6X2.5-NS35A	PTVFIX n/6X2.5-NS35A FIX
PTVFIX n/6X2.5-G	PTVFIX n/6X2.5-F

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

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

Nomenclature:

PTFIX n/6X 2.5-TG-NS 35, PTFIX n/6X 2.5-TG-NS35A, PTFIX n/6X 2.5-TG-NS15A,
 PTFIX n/6X 2.5-TG-F
 PTFIX n/6X2.5-MT-NS35, PTFIX n/6X2.5-MT-NS35A, PTFIX n/6X2.5-MT-NS 15A, PTFIX
 n/6X2.5-MT-F,
 PTFIX n/6X2.5-MTL-NS35, PTFIX n/6X2.5-MTL-NS35A, PTFIX n/6X2.5-MTL-NS 15A,
 PTFIX n/6X2.5-MTL-F,

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

A: PTFIX- Mini Push-in Terminal block

B: with or without suffix: X0: 'n' = number of connections 1,2,3...

C: with or without suffix: X1: /6 = wire cross-section: 6 sq. mm

D: with or without suffix: X2: X2.5 = wire cross section:2.5 sq. mm

E: with or without suffix: X3: TG = without knife disconnecter

MT= with knife disconnecter

MTL= with long head knife disconnecter

F: with or without suffix (X4) fixing provision:

NS 35A = suitable for NS 35A din rail.

NS 35= suitable for NS35 din rail.

F =suitable for flange

NS 15A= suitable for NS 15A din rail

PTFIX n/6X2.5-TG-NS35	PTFIX n/6X2.5-TG -NS35A
PTFIX n/6X2.5-TG -NS15A	PTFIX n/6X2.5-TG -F
PTFIX n/6X2.5-MT-NS35	PTFIX n/6X2.5-MT -NS35A
PTFIX n/6X2.5-MT -NS15A	PTFIX n/6X2.5-MT -F
PTFIX n/6X2.5-MTL-NS35	PTFIX n/6X2.5-MTL -NS35A
PTFIX n/6X2.5-MTL -NS15A	PTFIX n/6X2.5-MTL -F

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

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

Nomenclature: PTFIX 10/nX4-SI (5X20), PTFIX 10/nX4-SILED 250 (5X20),
PTFIX 10/nX4-SILED 60 (5X20), PTFIX 10/nX4-SILED 24 (5X20)

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

A: PTFIX- Mini Push-in Terminal block

B: X0: 10 = One connection of 10 sq. mm cross-section

C: X1: nX4 = "n" no. of connection of 4 sq. mm cross-section

D: X2: with or without:

-SI - Fuse terminal clamp type

-SILED - Fuse terminal clamp type with indication

E: X3: with or without:

24,60,250: LED display for 15-30, 30-60, 110-250 V respectively

F: X4: with or without: (5X20): Size of Fuse

PTFIX 10/nX4-SI (5X20)	PTFIX 10/nX4-SILED 250 (5X20)
PTFIX 10/nX4-SILED 60 (5X20)	PTFIX 10/nX4-SILED 24 (5X20)

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:

MPT	X0	X1
A	B	C

A: MPT: Mini Push-in terminal

B: with or without suffix (X0)

2.5- wire cross-section: 2.5 sq. mm

C: with or without suffix(X1):

-M, -NS 15, -NS 35, -RZ

D: with or without suffix(X2):

-PE : Grounding terminal

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

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

MPT 2.5-M	MPT 2,5-RZ
MPT 2,5-NS 15	MPT 2,5-NS 15-PE
MPT 2,5-NS 35	MPT 2,5-NS 35-PE

Nomenclature:

MPT	X0	X1
A	B	C

A: MPT: Mini Push-in terminal block

X0: with or without suffix(X0):

4 sq. mm wire cross-section

X1: with or without suffix(X1):

-PE: Grounding foot

Type Designation:	MPT 4, MPT 4-PE
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Nomenclature:

MPTD	X0	X1
A	B	C

A: MPTD: Mini Terminal Block

B: with or without suffix (X0)

2.5- wire cross-section: 2.5 sq. mm

C: with or without suffix(X1):

-M, -NS 15, -NS 35, -RZ

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

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

MPTD 2,5-M	MPTD 2,5-RZ
MPTD 2,5-NS 15	MPTD 2,5-NS 35

Nomenclature:

PTVFIX 2.5/n with or without -L/N, -3L/N

PTVFIX	X0	X1	X2
A	B	C	D

A: PTVFIX- Mini Push-in Terminal block

B: with or without suffix X0

X0: 2.5 = wire cross-section: 2.5 sq. mm

C: with or without suffix X1

X1: n = no. of poles, where n: 2,3,4...

D: with or without suffix X2

X2: -L/N: Three level terminal block, blue top