

Certificate of Compliance

Certificate Number(s):

UL-US-2429687-4
UL-US-2441567-2
UL-US-L60425-6187194-
30301102-10
UL-US-2441566-2
UL-US-2441564-2

Report Reference:

E60425-20110303

Issue Date:

2025-11-21

Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8, Blomberg, 32825, DE

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 black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Manager

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CERTIFICATE OF COMPLIANCE

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Report reference: E60425-20110303
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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): PT 10/TBP 10, TBP 4-HESILED 24 (5X20), TBP 4-HESILA 250 (5X20), TBP 16-TWIN N, TBP 4-HESI (5X20), TBP 16-TWIN N-PE, PT 10-TWIN/TBP 10-TWIN, TBP 16 N, TBP 16 N-PE, PITTB 4-PV/TBP 4/2L-PV, PITTB 4-PE/TBP 4/2L-PE, PT 10-PE/TBP 10-PE

Terminal Blocks - Component

Model(s): PT 2.5-HEXA/3P-PE, PT4/1P, PT4/1P-PE, PT 4-MT, PT4-TG, PT 4-FSI/F, PT 4-FSI/F-LED 12, PT 4-FSI/F-LED 24, PT 4-FSI/F-LED 70, PT 4-HESI (5X20), PT 4-HESILED24 (5X20), PT 4-HESILED 60(5X20), PT 4-HESILA OR HESILED 250 (5X20), PT 4-DIO 1N 5408/L-R, PT 4-DIO 1N 5408/R-L, PT 4-QUATTRO-DIO 1N 5408/L-R, PT 4-QUATTRO-DIO 1N 5408/R-L, PP-H4/1, PP-H4/2 through 15, PP-H4/1-L, -1-M, -1/R, PTRV 4, PTRV 4-PV, PTRV 8, PTRV 8-PV, FTRV 4, FTRV 4-PV, FTRV 8, FTRV 8-PV, PTC 2.5-QUATTRO-MT, PTC 2.5-TG, PTC 2.5-TWIN-TG, PTC 2.5-QUATTRO-TG, PTC 2.5-MTD, PTC 2.5-TWIN-MTD, FTC 4-HESI (5X20), FTC 4-HESILED 24 (5X20), FTC 4-HESILED 60 (5X20), FTC 4-HESILA 250 (5X20), PTRVB 4-PV, FTRVB 4-PV, PTRVB 8-PV, PT 16 N, PT 16 N-PE, PT 16-TWIN N, PT 16-TWIN N-PE, FTRVB 8-PV, PT6, PTRVB 4-FI, PT6/1P With PP-H6 Plug, FTRVB 4-FI, PTRVB 8-FI, FTRVB 8-FI, PTRVB 4-PE, FTRVB 4-PE, LAK 4/5, LAK 4/10, PT 6, PT 6-TWIN, PT 6-QUATTRO, PT 6-PE, PT 6-TWIN-PE, PT 6-QUATTRO-PE, LAK 16/5, PT 10, PT 10-TWIN, PT 10-PE, PT 10-TWIN-PE, LAK 16/10, PTTB 4-HESI (5X20), PTTB 4-HESILED 24 (5X20), PT 16 N, PT 16-TWIN N, PT 16 N-PE, PT 16-TWIN N-PE, PTTB 4-HESILED 60 (5X20), PTTB 4-HESILED OR HESILA 250 (5X20), PTTB 4-HESILED 250-EX (5X20), PTTB 4-TG, PTTB 4-MT, PT 4-L, PT 4-L/L, PT 4, PT 4 TWIN, PT 4-QUATTRO, PT 4-PE, PT 4-TWIN-PE, PT 4 QUATTRO-PE, PT 4-PE/L/L, PTTB 4, PTTB 4-PV, PTTB 4-PE, PT 4-PE/L/N, PT 4-MT, PT 4-TG, PT 4-L/HESI (5x20), PT 6-QUATTRO/2P, PT 6-QUATTRO/2P-PE, PT 4-L/HESILED 24 (5x20), PT 4-L/HESILED 60 (5x20), PT 4-L/HESILED OR HESILA 250 (5x20), PT 4-PE/L/TG, PT 4-PE/L/MT, PT 4-PE/L/HESI (5x20), PT 4-PE/L/HESILED 24 (5x20), PIT 6/ TBP 6, PT 10-MTL KNIFE, PT 10-MT, PT 10-TG, PT 4-PE/L/HESILED 60 (5x20), PT 4-PE/L/HESILED OR HESILA 250 (5x20), PT 10-HESI (6.3X32), PT 10-HESILED 24 (6.3X32) PT 10-HESILED 250 (6.3X32), PT 4-PE/L/HEDI, PT 4-HEDI, PT 6-HESILED 60 (6.3X32), PT 6-HESI (6.3X32), PT 6-HESI-EX (6.3X32), PT 6-HESILED 24 (6.3X32), PT 6-HESILED 250 (6.3X32), PT 6-HESILED EX (6.3X32, PT 6-HESILED 24-EX (6.3X32), PT 6-HESILED 60-EX (6.3X32), PT 6-HESILED 250-EX (6.3X32), PT 6-MT, PT 6-TG, PT 6-MTL, PT 6-MTL KNIFE, PT 6-DREHSI (5X20), PT 6-DREHSILED 24 (5X20), PT 6-DREHSILED 60 (5X20), PT 6-DREHSILA 250 (5X20), PT 6 DREHSI (6.3X32), PT 6 DREHSILED 24 (6.3X32), PT 6 DREHSILED 60 (6.3X32), PT 6 DREHSILA 250 (6.3X32), FT 6-DREHSI (5X20), FT 6-DREHSILED 24 95X20), FT 6-DREHSILA 250 (5X20), PTU 35/4x10, FTU 35/4x10, FT 4, PIT 4/ TBP 4, FT 4-PE, FT 4-TWIN, FT 4-TWIN-PE, FT 4-QUATTRO, FT 4-QUATTRO-PE, FTTB4, PTTB 4L 1000, FTTB 4-PV, FTTB 4-PE, PT 4-PE/3L, PIT 4-FSI/F(@@), PIT 4-FSI/F-LED 12(@@), PIT 4-FSI/F-LED 24(@@), PIT 4-FSI/F-LED (#) (@@), PIT 4-DIO 1N5408/L-R(@@), PIT 4-DIO 1N5408/R-L(@@), PIT 4-QUATTRO-DIO 1N5408/L-R(@@), PIT 4-QUATTRO-DIO 1N5408/R-L(@@), PIT 4-HESI(5X20)(@@), PIT 4-HESILED 24 (5X20)(@@), PIT 4-HESILED 60 (5X20)(@@), PIT 4-HESILA 250 (5X20)(@@), PITME 4(@@), PITMED 4(@@), PTMED 4-PE, PT10, PT10-TWIN, PT10-PE, PT10-TWIN-PE, PT10-M5, PT 16 N, PT 16 TWIN N, PT 16 N-PE, PT 16-TWIN N-PE, PT 6/1P, PT 6/1P-PE, PPC 6-NS/1-L, PPC 6/1-L, PT 6-QUATTRO/2P, PT 6-QUATTRO/2P-PE, PTME 6 HV, PTME 6-DIO/L-R(R-L)HV, PTME 6-CT/1P, PTMED 6-CT/1P, PTME 6/1P, PIT 6, PTMED 6-CT/1P-PE, PP-H 6/1, PP-H 6/1-L, PP-H 6/2...10, PP-H 6/1-M, PP-H 6/1-R, PPCT 6/2 (Suffixes 2-10), PT 2.5-HEXA/3P

Model(s): PT 10-FSI/C, PT 10-FSI/C-LED 12, PT 10-FSI/C-LED 24, PT 10-FSI/C-LED 48 followed by P-FU-FSI/C 5X20 (plug-in fuse holder accessories), PT6-FSI/C followed by P-FU-FSI/C 5X20 (plug-in fuse holder accessories), PT6-FSI/C-LED12 followed by P-FU-FSI/C 5X20 (plug-in fuse holder accessories), PT6-FSI/C-LED24 followed by P-FU-FSI/C 5X20 (plug-in fuse holder accessories), PT6-FSI/C-LED48 followed by P-FU-FSI/C 5X20 (plug-in fuse

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Report reference: E60425-20110303
Issue Date: 2025-11-21

holder accessories), PT 6-T P/P HV 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.

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Certificate of Compliance

Certificate Number(s):

UL-CA-2423064-4
UL-CA-2431493-2
UL-CA-L60425-6189194-
30301102-10
UL-CA-2431492-2
UL-CA-2431491-2

Report Reference:

E60425-20110303

Issue Date:

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Issued to:

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8, Blomberg, 32825, DE

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 Manager



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Terminal Blocks

Model(s): PT 10/TBP 10, TBP 4-HESILED 24 (5X20), TBP 4-HESILA 250 (5X20), TBP 16-TWIN N, TBP 4-HESI (5X20), TBP 16-TWIN N-PE, PT 10-TWIN/TBP 10-TWIN, TBP 16 N, TBP 16 N-PE, PITTB 4-PV/TBP 4/2L-PV, PITTB 4-PE/TBP 4/2L-PE, PT 10-PE/TBP 10-PE

Terminal Blocks - Component

Model(s): PT 2.5-HEXA/3P-PE, PT4/1P, PT4/1P-PE, PT 4-MT, PT4-TG, PT 4-FSI/F, PT 4-FSI/F-LED 12, PT 4-FSI/F-LED 24, PT 4-FSI/F-LED 70, PT 4-HESI (5X20), PT 4-HESILED24 (5X20), PT 4-HESILED 60(5X20), PT 4-HESILA OR HESILED 250 (5X20), PT 4-DIO 1N 5408/L-R, PT 4-DIO 1N 5408/R-L, PT 4-QUATTRO-DIO 1N 5408/L-R, PT 4-QUATTRO-DIO 1N 5408/R-L, PP-H4/1, PP-H4/2 through 15, PP-H4/1-L, -1-M, -1/R, PTRV 4, PTRV 4-PV, PTRV 8, PTRV 8-PV, FTRV 4, FTRV 4-PV, FTRV 8, FTRV 8-PV, PTC 2.5-QUATTRO-MT, PTC 2.5-TG, PTC 2.5-TWIN-TG, PTC 2.5-QUATTRO-TG, PTC 2.5-MTD, PTC 2.5-TWIN-MTD, FTC 4-HESI (5X20), FTC 4-HESILED 24 (5X20), FTC 4-HESILED 60 (5X20), FTC 4-HESILA 250 (5X20), PTRVB 4-PV, FTRVB 4-PV, PTRVB 8-PV, PT 16 N, PT 16 N-PE, PT 16-TWIN N, PT 16-TWIN N-PE, FTRVB 8-PV, PT6, PTRVB 4-FI, PT6/1P With PP-H6 Plug, FTRVB 4-FI, PTRVB 8-FI, FTRVB 8-FI, PTRVB 4-PE, FTRVB 4-PE, LAK 4/5, LAK 4/10, PT 6, PT 6-TWIN, PT 6-QUATTRO, PT 6-PE, PT 6-TWIN-PE, PT 6-QUATTRO-PE, LAK 16/5, PT 10, PT 10-TWIN, PT 10-PE, PT 10-TWIN-PE, LAK 16/10, PTTB 4-HESI (5X20), PTTB 4-HESILED 24 (5X20), PT 16 N, PT 16-TWIN N, PT 16 N-PE, PT 16-TWIN N-PE, PTTB 4-HESILED 60 (5X20), PTTB 4-HESILED OR HESILA 250 (5X20), PTTB 4-TG, PTTB 4-MT, PT 4-L, PT 4-L/L, PT 4, PT 4 TWIN, PT 4-QUATTRO, PT 4-PE, PT 4-TWIN-PE, PT 4 QUATTRO-PE, PT 4-PE/L/L, PTTB 4, PTTB 4-PV, PTTB 4-PE, PT 4-PE/L/N, PT 4-MT, PT 4-TG, PT 4-L/HESI (5x20), PT 6-QUATTRO/2P, PT 6-QUATTRO/2P-PE, PT 4-L/HESILED 24 (5x20), PT 4-L/HESILED 60 (5x20), PT 4-L/HESILED OR HESILA 250 (5x20), PT 4-PE/L/TG, PT 4-PE/L/MT, PT 4-PE/L/HESI (5x20), PT 4-PE/L/HESILED 24 (5x20), PIT 6/ TBP 6, PT 10-MTL KNIFE, PT 10-MT, PT 10-TG, PT 4-PE/L/HESILED 60 (5x20), PT 4-PE/L/HESILED OR HESILA 250 (5x20), PT 10-HESI (6.3X32), PT 10-HESILED 24 (6.3X32) PT 10-HESILED 250 (6.3X32), PT 4-PE/L/HEDI, PT 4-HEDI, PT 6-HESILED 60 (6.3X32), PT 6-HESI (6.3X32), PT 6-HESI-EX (6.3X32), PT 6-HESILED 24 (6.3X32), PT 6-HESILED 250 (6.3X32), PT 6-HESILED EX (6.3X32, PT 6-HESILED 24-EX (6.3X32), PT 6-HESILED 60-EX (6.3X32), PT 6-HESILED 250-EX (6.3X32), PT 6-DREHSI (5X20), PT 6-DREHSILED 24 (5X20), PT 6-DREHSILED 60 (5X20), PT 6-DREHSILA 250 (5X20), PT 6 DREHSI (6.3X32), PT 6 DREHSILED 24 (6.3X32), PT 6 DREHSILED 60 (6.3X32), PT 6 DREHSILA 250 (6.3X32), FT 6-DREHSI (5X20), FT 6-DREHSILED 24 95X20), FT 6-DREHSILA 250 (5X20), PTU 35/4x10, FTU 35/4x10, FT 4, PIT 4/ TBP 4, FT 4-PE, FT 4-TWIN, FT 4-TWIN-PE, FT 4-QUATTRO, FT 4-QUATTRO-PE, FTTB 4-PV, FTTB 4-PE, PT 4-PE/3L, PIT 4-FSI/F(@@), PIT 4-FSI/F-LED 12(@@), PIT 4-FSI/F-LED 24(@@), PIT 4-FSI/F-LED (#) (@@), PIT 4-DIO 1N5408/L-R(@@), PIT 4-DIO 1N5408/R-L(@@), PIT 4-QUATTRO-DIO 1N5408/L-R(@@), PIT 4-QUATTRO-DIO 1N5408/R-L(@@), PIT 4-HESI(5X20)(@@), PIT 4-HESILED 24 (5X20)(@@), PIT 4-HESILED 60 (5X20)(@@), PIT 4-HESILA 250 (5X20)(@@), PITME 4(@@), PITMED 4(@@), PTMED 4-PE, PT10, PT10-TWIN, PT10-PE, PT10-TWIN-PE, PT10-M5, PT 16 N, PT 16 TWIN N, PT 16 N-PE, PT 16-TWIN N-PE, PT 6/1P, PT 6/1P-PE, PPC 6-NS/1-L, PPC 6/1-L, PT 6-QUATTRO/2P, PT 6-QUATTRO/2P-PE, PTME 6 HV, PTME 6-DIO/L-R(R-L)HV, PTME 6-CT/1P, PTMED 6-CT/1P, PTME 6/1P, PIT 6, PTMED 6-CT/1P-PE, PP-H 6/1, PP-H 6/1-L, PP-H 6/2...10, PP-H 6/1-M, PP-H 6/1-R, PPCT 6/2 (Suffixes 2-10), PT 2.5-HEXA/3P

Model(s): PT 10-FSI/C, PT 10-FSI/C-LED 12, PT 10-FSI/C-LED 24, PT 10-FSI/C-LED 48 followed by P-FU-FSI/C 5X20 (plug-in fuse holder accessories), PT6-FSI/C followed by P-FU-FSI/C 5X20 (plug-in fuse holder accessories), PT6-FSI/C-LED12 followed by P-FU-FSI/C 5X20 (plug-in fuse holder accessories), PT6-FSI/C-LED24 followed by P-

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Report reference: E60425-20110303
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FU-FSI/C 5X20 (plug-in fuse holder accessories), PT6-FSI/C-LED48 followed by P-FU-FSI/C 5X20 (plug-in fuse holder accessories), PT 6-T P/P HV 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.

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and Report

DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component terminal blocks, Type P w/wo I f/b T 4/ TBP 4; w/wo suffixes -TWIN, -QUATTRO, -MT, -TG, -FSI/F, -FSI/F-LED12, -FSI/F-LED24, -FSI/F-LED #, -HESI (5X20), -HESILED 24 (5X20), -HESILED 60 (5X20), -HESILA 250 (5X20), -DIO 1N5048/L-R, -DIO 1N5048/R-L, -QUATTRO-DIO 1N5048/L-R or -QUATTRO-DIO 1N5048/R-L.

Type PTO 4 w/wo suffix -TWIN.

Type FT 4 w/wo suffixes -TWIN, -QUATTRO.

Type P w/wo I f/b TTB 4/ TBP 4/2L; w/wo suffix -PV.

Type PTRV f/b 4,8 w/wo suffix -PV

Type FTRV f/b 4,8 w/wo suffix -PV

Type FTTB 4 w/wo suffix -PV.

Type P w/wo I f/b TME 4.

Type P w/wo I f/b TMED 4.

Type PT4/1P.

Type PT 2.5-HEXA/3P.

Type PTC followed by 2.5, w/wo suffix -TWIN, -QUATTRO, w/wo suffixes -MT, -TG, -MTD.

Type P or F w/wo I f/b T 6/ TBP 6; w/wo suffixes -TWIN, -QUATTRO, -PE, -TWIN-PE, -QUATTRO-PE, /1P and -QUATTRO/2P. Types PTME 6 and PTMED 6; w/wo suffixes HV, -DIO/L-R(R-L)HV, -CT/1P and /1P. Type PP-H 6, f/b suffixes /1, /1-L, /2...10, /1-M and /1-R. Type PPCT 6/....

Type PPC 6 w/wo -NS, followed by /1-L or followed by /1...10.

Type PTTB4-L 1000V.

Types PT 10/TBP 10, PT 10-TWIN/TBP 10-TWIN.

Type PT 10-M5.

Type PP-H4/1, may be followed by -L, -M, or -R, PP-H4 followed by /2 thro/15.

Type PT 16 N, PT 16 TWIN N. **TBP 16 N, TBP 16-TWIN N**

PTC 4-HESILA 250 (5x20) / TBPC 4-HESILA 250 (5X20), PTC 4-HESI (5x20) / TBPC

4-HESI (5X20), PTC 4-HESILED 24 (5x20) / TBPC 4-HESILED 24 (5X20),

PTC 4-HESILED 60 (5x20) / TBPC 4-HESILED 60 (5X20), FTC 4-HESI (5x20), FTC 4-HESILED 24 (5x20), FTC 4-HESILED 60 (5x20), FTC 4-HESILA 250 (5x20).

Types PTRVB 4-PV, FTRVB 4-PV, PTRVB 8-PV, FTRVB 8-PV, PTRVB 4-FI, FTRVB 4-FI, PTRVB 8-FI, FTRVB 8-FI, PTRVB 4-PE, FTRVB 4-PE.

Types LAK 4/5, LAK 4/10, LAK 16/5, LAK 16/10.

USR, CNR - Component protective conductor terminal blocks, Type P w/wo I f/b T 4; followed by suffixes -PE, -TWIN-PE, -QUATTRO-PE, -PE/3L.

Type PT 2.5-HEXA/3P-PE.

Type FT 4 f/b suffixes -PE, -TWIN-PE, QUATTRO-PE.

Type P w/wo I f/b TTB 4-PE/ TBP 4/2L-PE; PITTB 4-PV/ TBP 4/2L-PV

*Type PTO 4-PE. Type PT4/1P-PE.

Type FTTB 4 f/b -PE.

Type P or F w/wo I f/b T 6; f/b suffixes -PE, /1P-PE, -TWIN-PE, -QUATTRO-PE and -QUATTRO/2P-PE. Type PTMED6-CT/1P-PE.

Type PTMED 4-PE.

Types PT 10-PE/TBP 10-PE, PT 10-TWIN-PE.

Types PT 16 N-PE, PT 16-TWIN N-PE, **TBP 16 N-PE, TBP 16-TWIN N-PE.**

Accessories: Distance Plate DP-... and Lid D-... are optional.

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and Report

USR, CNR - Push in type terminal blocks, din rail mounted types Cat. Nos. PT 4-PE/L/L, PT 4-L/HESI (5X20), PT 4-L, PT 4-/L/HESILED 60 (5X20), PT 4-PE/L/HEDI, PT 4-HEDI, PT 4-L/L, PT 4-PE/L/N, PT 4-PE/L/TG, PT 4-PE/L/HESILED 60 (5X20), PT 4-PE/L/HESILED 24 (5X20), PT 4-/L/HESILED or HESILA 250 (5X20) PT 4-PE/L/MT, PT 4-PE/L/HESILED or HESILA 250 (5X20), PT 4-PE/L/HESI (5X20), PT 4-/L/HESILED 24 (5X20), PTTB 4-HESI (5X20), PTTB 4-HESILED 24 (5X20), PTTB 4-HESILED 60 (5X20), PTTB 4-HESILED or HESILA 250 (5X20), PTTB 4-TG, PTTB 4-MT, PT 6-MT, PT 6-TG, PT 6-MTL KNIFE may be followed by "-" and color designator for the knife, PT6-MTL.

Optional Suffixes (for Cat. No. PT 6-TG) P-FU 6.3X32, P-FU 6.3X32 LED 24, P-FU 6.3X32 LED 60, P-FU 6.3X32 LA 250

USR, CNR - Push in type Fuse type terminal blocks Cat. Nos. . PT 6-DREHSI (5X20), FT 6-DREHSI (5X20), PT 6-DREHSILED 24 (5X20), FT 6-DREHSILED 24 (5X20), PT 6-DREHSILED 60 (5X20), PT 6-DREHSILA 250 (5X20), FT 6-DREHSILA 250 (5X20), PT 6 DREHSI (6.3X32), PT 6 DREHSILED 24 (6.3X32), PT 6 DREHSILED 60 (6.3X32), PT 6 DREHSILA 250 (6.3X32), PT 6-HESILED 60 (6.3X32), PT 6-HESI (6.3X32), PT 6-HESILED 24 (6.3X32), PT 6-HESILED 250 (6.3X32), PT 6-HESILED EX (6.3X32), PT 6-HESI-EX (6.3X32), PT 6-HESILED 24-EX (6.3X32), PT 6-HESILED 60-EX (6.3X32), PT 6-HESILED 250-EX (6.3X32), PT 6-FSI/C, PT 6-FSI/C-LED 12, PT 6-FSI/C-LED 24, PT 6-FSI/C-LED 48, PT 6-T P/P HV.

USR, CNR- Feed through terminal blocks (incoming screw type and outgoing spring type connection), Cat. Nos. PTU 35/4x10, FTU 35/4x10.

USR, CNR - Push in terminal blocks, Cat. Nos. PT 4-TG, PT 4-MT, PT 4-FSI/F, PT 4-FSI/F-LED 12, PT 4-FSI/F-LED 24, PT 4-FSI/F-LED 70, PT 4-HESI (5X20) **or TBP 4-HESI (5X20)** , , PT 4-HESILED 24 (5X20) **or TBP 4 HESILED 24 (5X20)** , PT 4-HESILED 60 (5X20), PT 4-HESILA or HESILED 250 (5X20). PT 10-MTL KNIFE, PT 10-MT, PT 10-TG, PT 10-FSI/C, PT 10-FSI/C-LED 12, PT 10-FSI/C-LED 24, PT 10-FSI/C-LED 48, PT 10-HESI (6.3X32), PT 10-HESILED 24 (6.3X32), PT 10-HESILED 250 (6.3X32), **PT 4-HESILA 250 (5X20) OR TBP 4-HESILA 250 (5X20)** ..

USR, CNR - Push in terminal blocks, Cat. Nos. PT 4-QUATTRO, PT 4-DIO 1N 5408/L-R, PT 4-DIO 1N 5408/R-L, PT 4-QUATTRO-DIO 1N 5408/L-R, PT 4-QUATTRO-DIO 1N 5408/R-L

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:

Types PIT 4/ TBP 4, PIT 6/ TBP 6 and PT 10/**TBP 10** are single pole terminal blocks with spring clamp wire connectors suitable for use with stranded or solid wires. They are intended for DIN rail mounting. Single-poles may be grouped to form multi-pole units of indefinite length. Type PITTB4/ TBP 4/2L is a double level version of the PIT 4 terminal block. The Suffixes indicate options such as grounding (-PE) and single input dual output (-TWIN), dual input dual output (QUATTRO) circuits. All types feature a release lever to remove terminated wires.

Types PP-H are plug-in modules which provide socket contacts for connection to the PT4 blades, and spring action terminals for wire connection. The Suffixes /1...10 signify one up to ten PPC 6/1-L stacked together terminated with D-PPC 6 (terminal block cover) so that there are one up to ten blades on the output side for the connection of PP-H plugs and one up to ten spring clamp wire connectors suitable for use with stranded or solid wires on the input side. PP-H plugs can also be used with PPC receptacles. Accessories: Distance Plate DP-... and Lid D-... are optional.

Terminal Blocks - Component (plug-in fuse holder accessories)

Fuse Holder	Compatible with
P-FU-FSI/C 5x20	PT 6-FSI/C, PT 6-FSI/C-LED 12, PT 6-FSI/C-LED 24, PT 6-FSI/C-LED 48.
	PT 10-FSI/C, PT 10-FSI/C-LED 12, PT 10-FSI/C-LED 24, PT 10-FSI/C-LED 48.

Application -

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

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

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

and Report

RATINGS:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PIT 4/ TBP 4, PTO 4 , FT 4	24-10 str/sol	Cu	2	N/A	600	30	B,C
PIT 4-PE/ TBP 4-PE, PTO 4-PE, FT 4-PE	24-10 str/sol	Cu	2	N/A	N/A	N/A	B,C
PIT 4-TWIN/ TBP 4-TWIN, PTO 4-TWIN, FT 4-TWIN	24-10 str/sol	Cu	2	N/A	600	30	B,C
PIT 4-TWIN-PE/ TBP 4- TWIN-PE, FT 4-TWIN-PE	24-10 str/sol	Cu	2	N/A	N/A	N/A	B,C
PIT 4-QUATTRO/ TBP 4- QUATTRO, FT 4-QUATTRO	24-10 str/sol	Cu	2	N/A	600	30	B,C
PIT 4-QUATTRO-PE/ TBP 4-QUATTRO-PE, FT 4- QUATTRO-PE	24-10 str/sol	Cu	2	N/A	N/A	N/A	B,C
PITTB 4/ TBP 4/2L, FTTB 4	24-10 str/sol	Cu	2	N/A	300	28	B,C
	24-10 str/sol	Cu	2	N/A	600	5	D
PITTB 4-PV/TBP 4/2L-PV FTTB 4-PV	24-10 str/sol	Cu	2	N/A	300	30	B,C
	24-10 str/sol	Cu	2	N/A	600	5	D
PITTB 4-PE/TBP 4/2L-PE, FTTB 4-PE	24-10 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PT 4-PE/3L	24-10 str/sol	Cu	2	N/A	600	28	B,C
	24-10 str/sol	Cu	2	N/A	600	28	B,C
	24-10 str/sol	Cu	2	N/A	600	28	B,C
	24-10 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PIT 4-FSI/F	24-10 str/sol	Cu	2	N/A	300	15/7.5 (2)	B,C
PIT 4-FSI/F-LED 12	24-10 str/sol	Cu	2	N/A	12	15/7.5 (2)	B,C
PIT 4-FSI/F-LED 24	24-10 str/sol	Cu	2	N/A	24	15/7.5 (2)	B,C
PIT 4-FSI/F-LED (#)	24-10 str/sol	Cu	2	N/A	(#)	15/7.5 (2)	B,C
PIT 4-HESI(5X20))/ TBP 4-HESI (5X20)	24-10 str/sol	Cu	2	N/A	300	6.3	B,C
PIT 4-HESILED 24 (5X20)/ , TBP 4-HESILED 24 (5X20)	24-10 str/sol	Cu	2	N/A	30	6.3	B,C
PIT 4-HESILED 60 (5X20)	24-10 str/sol	Cu	2	N/A	60	6.3	B,C
PIT 4-HESILA 250 (5X20)/ TBP 4-HESILA 250 (5X20)	24-10 str/sol	Cu	2	N/A	250	6.3	B,C
PIT 4-DIO IN5408 /L-R	24-10 str/sol	Cu	2	N/A	600	1.5	B,C
PIT 4-DIO IN5408 /R-L	24-10 str/sol	Cu	2	N/A	600	1.5	B,C
PIT 4-QUATTRO-DIO IN5408/L-R	24-10 str/sol	Cu	2	N/A	600	1.5	B,C
PIT 4-QUATTRO-DIO IN5408/R-L	24-10 str/sol	Cu	2	N/A	600	1.5	B,C
PIT 4-MT	24-10 str/sol	Cu	2	N/A	300	20	B,C
PIT 4-TG	24-10 str/sol	Cu	2	N/A	600	20	B,C
PITME 4	24-10 str/sol	Cu	2	N/A	300	26	B,C
PITMED 4	24-10 str/sol	Cu	2	N/A	300	26	B,C
PTMED 4-PE	24-10 str/sol	Cu	2	N/A	N/A	N/A	B,C,D

(1) Current through Diode

(2) Single/Multi circuit application

(#) May vary from 0 to 300 to indicate value of voltage rating.

RATINGS: continued

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PIT 6 FT 6	20-8 str/sol	Cu	2	N/A	600	40	B, C
PIT 6-PE FT 6-PE	20-8 str/sol	Cu	2	N/A	N/A	N/A	B, C
PTTB 4-L 1000V	24-10 str/sol	Cu	2	N/A	1,000	30	E, F
PT 6-DREHSI (5X20)	20-8 str/sol	Cu	2	N/A	600	10	B, C
PT 6-DREHSILED 24 (5X20)	20-8 str/sol	Cu	2	N/A	600	10	B, C
PT 6-DREHSILED 60 (5X20)	20-8 str/sol	Cu	2	N/A	600	10	B, C
PT 6-DREHSILA 250 (5X20)	20-8 str/sol	Cu	2	N/A	600	10	B, C
PT 6 DREHSI (6.3X32)	20-8 str/sol	Cu	2	N/A	600	10	B, C
						5	D
					1000	10	F
PT 6 DREHSILED 24 (6.3X32)	20-8 str/sol	Cu	2	N/A	600	10	B, C
						5	D
					1000	10	F
PT 6 DREHSILED 60 (6.3X32)	20-8 str/sol	Cu	2	N/A	600	10	B, C
						5	D
					1000	10	F
PT 6 DREHSILA 250 (6.3X32)	20-8 str/sol	Cu	2	N/A	600	10	B, C
						5	D
					1000	10	F
FT 6-DREHSI (5X20)	20-8 str/sol	Cu	2	N/A	600	10	B, C
FT 6-DREHSILED 24 95X20)	20-8 str/sol	Cu	2	N/A	600	10	B, C
FT 6-DREHSILA 250 (5X20)	20-8 str/sol	Cu	2	N/A	600	10	B, C

Strip length for PT 6/FT 6 DREHSI series is 12 mm.

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PT 6-T P/P HV	20 - 10 str/sol	Cu	2	N/A	600	30	B, C
					600	5	D
					1000	30	F

Strip length for PT 6-T P/P HV is 10-12 mm.

and Report

RATINGS: continued

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PT 10/TBP 10	20-6 str/sol	Cu	2	N/A	600	60	B,C
					1000	60	F
PT 10-PE/TBP 10-PE	20-6 str/sol	Cu	2	N/A	N/A	N/A	B,C
					N/A	N/A	B,C,F
PT 10-TWIN/TBP 10-TWIN	20-6 str/sol	Cu	2	N/A	600	60	B,C
					1000	60	F
PT 10-TWIN-PE	20-6 str/sol	Cu	2	N/A	N/A	N/A	B,C
					N/A	N/A	B,C,F
PT 10-M5 (Outside)	20-6 str/sol	Cu	2	N/A	150	30	B,C
	20-6 str/sol	Cu	2	N/A	300	10	D
PT 10-M5 (Inside)	14-8 str/sol	Cu	2	N/A	150	30	B,C
	14-8 str/sol	Cu	2	N/A	300	10	D
PT 6/ TBP 6	20-8 str/sol	Cu	2	N/A	600	40	B,C
					1000	40	F
PT 6-PE/ TBP 6-PE	20-8 str/sol	Cu	2	N/A	N/A	N/A	B,C,D,F
FT 6-TWIN	20-8 str/sol	Cu	2	N/A	600	40	B,C
PT 6-TWIN/ TBP 6-TWIN	20-8 str/sol	Cu	2	N/A	600	40	B,C
					1000	40	F
PT 16 N / TBP 16 N	20-4 str/sol	Cu	2	N/A	600	85	B,C
PT 16 TWIN N / TBP 16-TWIN N	20-4 str/sol	Cu	2	N/A	600	85	B,C
PT 16 N-PE/ TBP 16 N-PE	20-4 str/sol	Cu	2	N/A	600	N/A	B,C
PT 16-TWIN N-PE/ TBP 16-TWIN N-PE	20-4 str/sol	Cu	2	N/A	600	N/A	B,C
FT 6-TWIN-PE	20-8 str/sol	Cu	2	N/A	N/A	N/A	B,C
PT 6-TWIN-PE/ TBP 6-TWIN-PE	20-8 str/sol	Cu	2	N/A	N/A	N/A	B,C,D,F
FT 6-QUATTRO	20-8 str/sol	Cu	2	N/A	600	40	B,C
PT 6-QUATTRO/ TBP 6-QUATTRO	20-8 str/sol	Cu	2	N/A	600	40	B,C
					1000	40	F
FT 6-QUATTRO-PE	20-8 str/sol	Cu	2	N/A	N/A	N/A	B,C
PT 6-QUATTRO-PE/ TBP 6-QUATTRO-PE	20-8 str/sol	Cu	2	N/A	N/A	N/A	B,C,D,F
PT 6/1P	20-8 str/sol	Cu	2	N/A	600	40	B,C
PT 6/1P-PE	20-8 str/sol	Cu	2	N/A	N/A	N/A	B,C
PT 6-QUATTRO/2P	20-8 str/sol	Cu	2	N/A	600	40	B,C
PT 6-QUATTRO/2P-PE	20-8 str/sol	Cu	2	N/A	N/A	N/A	B,C
PTME 6 HV	20-8 str/sol	Cu	2	N/A	600	30	B,C
					1000	30	F
PTME 6-DIO/L-R(R-L)HV	20-8 str/sol	Cu	2	N/A	600	10	B,C
PTME 6-CT/1P	20-8 str/sol	Cu	2	N/A	300	30	B,C
					600	5	D
PTMED 6-CT/1P	20-8 str/sol	Cu	2	N/A	300	30	B,C
					600	5	D
PTME 6/1P	20-8 str/sol	Cu	2	N/A	300	30	B,C
					600	5	D
PTMED 6-CT/1P-PE	20-8 str/sol	Cu	2	N/A	N/A	N/A	B,C,D
PP-H 6/1	20-8 str/sol	Cu	2	N/A	600	40	B,C

(1) Current through Diode

(2) Single/Multi circuit application

and Report

RATINGS: continued:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PP-H 6/1-L	20-8 str/sol	Cu	2	N/A	600	40	B, C
				N/A	1000	40	F
PP-H 6/2...10	20-8 str/sol	Cu	2	N/A	600	40	B, C
					1000	40	F
PP-H 6/1-M	20-8 str/sol	Cu	2	N/A	600	40	B, C
					1000	40	F
PP-H 6/1-R	20-8 str/sol	Cu	2	N/A	600	40	B, C, D
					1000	40	F
PPCT 6 followed by /2 through /10	20-8 str/sol	Cu	2	N/A	300 600	30 5	B, C, D
PPC 6-NS/1-L	20-8 str/sol	Cu	2	N/A	600	40	B, C
					1000	40	F
PPC 6/1-L	20-8 str/sol	Cu	2	N/A	600	40	B, C
					1000	40	F
PPC 6/2...10	20-8 str/sol	Cu	2	N/A	600	40	B, C
					1000	40	F
PT 2.5-HEXA/3P	26-12 str/sol	Cu	2	N/A	300	20	B, C
PT4/1P	24-10 str/sol	Cu	2	N/A	600	28	C
PT 2.5-HEXA/3P-PE	26-12 str/sol	Cu	2	N/A	300	-	B, C
PT4/1P-PE	24-10 str/sol	Cu	2	N/A	-	-	C
PP-H4/1	24-10 str/sol	Cu	2	N/A	600	28	C
PP-H4/2 through 15	24-10 str/sol	Cu	2	N/A	600	28	C
PP-H4/1-L, /1-M, /1-R	24-10 str/sol	Cu	2	N/A	600	28	C

RATINGS: continued:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PTC 2.5-MT/ TBPC 2.5-MT	24-12 str/sol	Cu	2	N/A	300	10	D
					150	15	D
PTC 2.5-TWIN-MT/ TBPC 2.5-TWIN-MT	24-12 str/sol	Cu	2	N/A	300	10	D
					150	15	D
PTC 2.5-QUATTRO-MT	24-12 str/sol	Cu	2	N/A	300	10	D
					150	15	D
PTC 2.5-TG	24-12 str/sol	Cu	2	N/A	300	10	D
					150	15	D
PTC 2.5-TWIN-TG	24-12 str/sol	Cu	2	N/A	300	10	D
					150	15	D
PTC 2.5-QUATTRO-TG	24-12 str/sol	Cu	2	N/A	300	10	D
					150	15	D
PTC 2.5-MTD	24-12 str/sol	Cu	2	N/A	300	10	D
					150	15	D
PTC 2.5-TWIN-MTD	24-12 str/sol	Cu	2	N/A	300	10	D
					150	15	D
PTRV 4	26-14 str/sol	Cu	2	N/A	300	10	D
PTRV 4-PV	26-14 str/sol	Cu	2	N/A	300	10	D
PTRV 8	26-14 str/sol	Cu	2	N/A	300	10	D
PTRV 8-PV	26-14 str/sol	Cu	2	N/A	300	10	D
FTRV 4	26-14 str/sol	Cu	2	N/A	300	10	D
FTRV 4-PV	26-14 str/sol	Cu	2	N/A	300	10	D
FTRV 8	26-14 str/sol	Cu	2	N/A	300	10	D
FTRV 8-PV	26-14 str/sol	Cu	2	N/A	300	10	D

Wire Strip Length - 8-10 mm for PT 2.5, PTC 2.5 types; 12 mm for PT4 and PT6 Types; 18 mm for PT10 and PT16 types, 8-10 mm for PTRV 4 (FTRV 4) and PTRV 8 (FTRV 8) series.

and **Report**

RATINGS: continued:

Electrical Ratings:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PTC 4-HESILA 250 (5X20)/ TBPC 4-HESILA 250 (5X20)	24-10 str/sol	Cu	2	N/A	300	6.3	B,C
PTC 4-HESI (5X20)/ TBPC 4-HESI (5X20)	24-10 str/sol	Cu	2	N/A	300	6.3	B,C
PTC 4-HESILED 24 (5X20)/ TBPC 4-HESILED 24 (5X20)	24-10 str/sol	Cu	2	N/A	300	6.3	B,C
PTC 4-HESILED 60 (5X20)/ TBPC 4-HESILED 60 (5X20)	24-10 str/sol	Cu	2	N/A	300	6.3	B,C
FTC 4-HESI (5X20)	24-10 str/sol	Cu	2	N/A	300	6.3	B,C
FTC 4-HESILED 24 (5X20)	24-10 str/sol	Cu	2	N/A	300	6.3	B,C
FTC 4-HESILED 60 (5X20)	24-10 str/sol	Cu	2	N/A	300	6.3	B,C
FTC 4-HESILA 250 (5X20)	24-10 str/sol	Cu	2	N/A	300	6.3	B,C
PTRVB 4-PV*	26-14 str/sol	Cu	2	N/A	300	10	B,D
FTRVB 4-PV*	26-14 str/sol	Cu	2	N/A	300	10	B,D
PTRVB 8-PV*	26-14 str/sol	Cu	2	N/A	300	10	B,D
FTRVB 8-PV*	26-14 str/sol	Cu	2	N/A	300	10	B,D
PTRVB 4-FI*	12-10 str/sol	Cu	2	N/A	300	25	B,D
	26-14 str/sol					10	
FTRVB 4-FI*	12-10 str/sol	Cu	2	N/A	300	25	B,D
	26-14 str/sol					10	
PTRVB 8-FI*	12-10 str/sol	Cu	2	N/A	300	25	B,D
	26-14 str/sol					10	
FTRVB 8-FI*	12-10 str/sol	Cu	2	N/A	300	25	B,D
	26-14 str/sol					10	

*26-14 AWG is rating for smaller spring, 10 A with strip length of 8-10 mm
and 12-10 AWG is rating for bigger spring, 25A with strip length of 10-12 mm.

Strip length for PTC 4 and FTC 4 models is 10 mm -12 mm.

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RATINGS: continued:

USAGE GROUP D: 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.

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PTRVB 4-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B, C D, F
FTRVB 4-PE	26-14 str/sol	Cu	2	N/A	N/A	N/A	B, C D, F

RATINGS: continued:

Electrical Ratings:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
LAK 4/5	20-10 sol/str	CU	2	-	600	30	C
LAK 4/10	20-10 sol/str	CU	2	-	600	30	C
*LAK 16/5	14 sol/str-6 stranded	CU	2	-	600	55	C
*LAK 16/10	14 sol/str-6 stranded	CU	2	-	600	55	C

Strip length for LAK 4/5 and LAK 4/10 is 10-12 mm and strip length for LAK 16/5 and LAK 16/10 is 18-20 mm.

Electrical Ratings:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PT 6-HESILED 60 (6.3X32)	20 sol/str - 8 str	Cu	2	-	300	10	B,C
					600	5	D+
PT 6-HESI (6.3X32)	20 sol/str - 8 str	Cu	2	-	300	10	B,C
					600	5	D+
PT 6-HESILED 24 (6.3X32)	20 sol/str - 8 str	Cu	2	-	300	10	B,C
					600	5	D+
PT 6-HESILED 250 (6.3X32)	20 sol/str - 8 str	Cu	2	-	300	10	B,C
					600	5	D+
PT 6-HESI-EX (6.3X32)	20 sol/str - 8 str	Cu	2	-	300	10	B,C
					600	5	D+
PT 6-HESILED 24-EX (6.3X32)	20 sol/str - 8 str	Cu	2	-	300	10	B,C
					600	5	D+
PT 6-HESILED 60-EX (6.3X32)	20 sol/str - 8 str	Cu	2	-	300	10	B,C
					600	5	D+
PT 6-HESILED 250-EX (6.3X32)	20 sol/str - 8 str	Cu	2	-	300	10	B,C
					600	5	D+

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Electrical Ratings for PT6 series Continued:

Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PT 6-FSI/C	20 sol/str - 8 str	Cu	2	-	300	25	B,C
					600	5	D+
PT 6-FSI/C with or without suffix -LED 12, -LED 24 and - LED 48 followed by P-FU-FSI/C 5X20	20 sol/str - 8 str	CU	2	-	150	15	B, C
					150	15	D
					300	10	D
					400	15	F
PT 6-FSI/C-LED12	20 sol/str - 8 str	Cu	2	-	300	25	B,C
					600	5	D+
PT 6-FSI/C-LED24	20 sol/str - 8 str	Cu	2	-	300	25	B,C
					600	5	D+
PT 6-FSI/C-LED48	20 sol/str - 8 str	Cu	2	-	300	25	B,C
					600	5	D+
PT 6-MT	20 sol/str-8 str	Cu	2	-	300	20	B,C
					600	5	D+
PT 6-TG**	20 sol/str-8 str	Cu	2	-	300	20	B,C
					600	5	D+
PT 6-MTL	20 sol/str-8 str	Cu	2	-	300	20	B,C
					600	5	D+
PT 6-MTL KNIFE	20 sol/str-8 str	Cu	2	-	300	20	B,C
					600	5	D+

+ 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.
Strip length for PT6 series in above table 10-12 mm.

** may be followed by optional suffixes - P-FU 6.3X32, P-FU 6.3X32 LED 24, P-FU 6.3X32 LED 60, P-FU 6.3X32 LA 250
Electrical Ratings

Type	Wire Range (AWG)/connection type	Wire type	FW	Torque (Nm)	V	Max A	UG
PTU 35/4x10	14 - 3 screw	CU	2	3.2- 3.7 Nm	600	86	B, C
FTU 35/4x10	20 - 8 spring			N/A		36	

Strip length for PTU/FTU models are 18 mm.

All 8 AWG wire and larger are tested with compact stranded copper wire.

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RATINGS: continued: (strip length is 10-12 mm)

Cat.-no.	Wire size AWG (str/sol)	Wire type	FW	TQ Lb-in	V	A	UG
PT 4-L	24-10	CU	2	-	300	20	B,C
					600	5	D
PT 4-L/L	24-10	CU	2	-	300	U : 16 L : 20	B,C
					600	5	D
PT 4-PE/L/L	24-10	CU	2	-	300	U : 16 L : 20 PE : NA	B,C
					600	5	D
PT 4-PE/L/N	24-10	CU	2	-	300	U : 16 L : 20 PE : NA	B,C
					600	5	D
PT 4-L/HESI (5x20)	24-10	CU	2	-	300	U : 6.3 L : 20	B,C
					600	5	D
PT 4-L/HESILED 24 (5x20)	24-10	CU	2	-	300	U : 6.3 L : 20	B,C
					600	5	D
PT 4-L/HESILED 60 (5x20)	24-10	CU	2	-	300	U : 6.3 L : 20	B,C
					600	5	D
PT 4-L/HESILEDorHESILA 250 (5x20)	24-10	CU	2	-	300	U : 6.3 L : 20	B,C
					600	5	D
PT 4-PE/L/TG	24-10	CU	2	-	300	U : 16 L : 20 PE : NA	B,C
					600	5	D
PT 4-PE/L/MTFF	24-10	CU	2	-	300	U : 16 L : 20 PE : NA	B,C
					600	5	D
PT 4-PE/L/HESI (5x20)	24-10	CU	2	-	300	U : 6.3 L : 20 PE : NA	B,C
					600	5	D
PT 4-PE/L/HESILED 24 (5x20)	24-10	CU	2	-	300	U : 6.3 L : 20 PE : NA	B,C
					600	5	D
PT 4-PE/L/HESILED 60 (5x20)	24-10	CU	2	-	300	U : 6.3 L : 20 PE : NA	B,C
					600	5	D
PT 4-PE/L/HESILEDorHRSILA 250 (5x20)	24-10	CU	2	-	300	U : 6.3 L : 20 PE : NA	B,C
					600	5	D
PT 4-PE/L/HEDI	24-10	CU	2	-	300	U : 16 L : 20 PE : NA	B,C
					600	5	D
PT-4 HEDI	24-10	CU	2	-	300	16	B, C
					500	16	F
					600	5	D

RATINGS: continued: (strip length is 10-12 mm)

Cat.-no.	Wire size AWG (str/sol)	Wire type	FW	TQ Lb-in	V	A	UG
PTTB 4-HESI (5X20)	24-10	CU	2	-	300	U : 6.3 L : 20	B, C
					600	5	D
PTTB 4-HESILED 24 (5X20)	24-10	CU	2	-	300	U : 6.3 L : 20	B, C
					600	5	D
PTTB 4-HESILED 60 (5X20)	24-10	CU	2	-	300	U : 6.3 L : 20	B, C
					600	5	D
PTTB 4-HESILED or HESILA 250 (5X20)	24-10	CU	2	-	300	U : 6.3 L : 20	B, C
					600	5	D
*							
PTTB 4-TG	24-10	CU	2	-	300	U : 16 L : 20	B, C
					600	5	D
PTTB 4-MT	24-10	CU	2	-	300	U : 16 L : 20	B, C
					600	5	D

Usage group D: 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.

RATINGS: continued:

Cat.No.	Wire size AWG	Wire type	FW	TQ Lb- in	V	A	UG
PT 4-MT, PT 4-TG	24 - 10	Cu	2	N/A	300	20	B
					300	20	C
					400	20	F
*PT 4-FSI/F, PT 4-FSI/F-LED 12, PT 4-FSI/F-LED 24, PT 4-FSI/F-LED 70	24 - 10	Cu	2	N/A	300	15	B,C
					150	15	B,C
					400	15	F
PT 4-HESI (5X20), PT 4-HESILED24 (5X20), PT 4-HESILED 60 (5X20), PT 4-HESILAorHESILED 250 (5X20)	24 - 10	Cu	2	N/A	300	6.3	B
					300	6.3	C
					400	6.3	F
PT 4-DIO 1N 5408/L-R	24-10	Cu	2	N/A	600	1.5	B,C,D
PT 4-DIO 1N 5408/R-L	24-10	Cu	2	N/A	600	1.5	B,C,D
PT 4-QUATTRO-DIO 1N 5408/L-R	24-10	Cu	2	N/A	600	1.5	B,C,D
PT 4-QUATTRO-DIO 1N 5408/R-L	24-10	Cu	2	N/A	600	1.5	B,C,D
PT 4-QUATTRO	24-10	Cu	2	N/A	600	30	B,C
		Cu	2	N/A	600	5	D

Strip length for PT 4 series is 10-12mm _____

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The terminal blocks tabulated below have optional 3-phase short circuit current ratings. The Terminal Blocks must be protected by the max ampere and Class of overcurrent protective device noted below.

Cat. No.	Suitable Conductors kcmil/AWG		Overcurrent Protection Circuit Breaker Required			SCCR, RMS Sym, kA	Volts Max
	Line	Load	Mfr	Type	Max Amp		
PT6	14-8 Str.	14-8 Str.	Mitsubishi	NV50-SVFU (5A, 10A, 15A, 20A, 30A; 120- 240V 30MA)	20	14	240 ac 3 ph
*PT 4, PT 4- TWIN, PT 4- QUATTRO, PT 4-PE, PT 4- TWIN-PE, PT 4- QUATTRO-PE	14- 10 Str	14- 10 Str	Siemens	3RV2721.. 3RV2821..	22	50	480
PT 4, PT 4-TWIN, PT 4-QUATTRO, PT 4-PE, PT 4- TWIN-PE, PT 4- QUATTRO-PE	14- 10 Str	14- 10 Str	Siemens	3RV2711.. 3RV2811..	15	65	480
*PT 6, PT 6- TWIN, PT 6- QUATTRO, PT 6-PE, PT 6- TWIN-PE, PT 6- QUATTRO-PE	14-8 Str	14-8 Str	Siemens	3RV2721.. 3RV2821..	22	50	480
*PT 10, PT 10- TWIN, PT 10-PE, PT 10-TWIN-PE	14-6 Str	14-6 Str	Siemens	3RV2721.. 3RV2821..	22	50	480
	14-6 Str	14-6 Str	Siemens	3VA51..	60	65	480

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The terminal blocks tabulated below have optional 3-phase short circuit current ratings. The Terminal Blocks must be protected by the max ampere and Class of overcurrent protective device noted below.

Cat. No.	Suitable Conductors kcmil/AWG		Overcurrent Protection Circuit Breaker Required			SCCR, RMS Sym, kA	Volts Max
	Line	Load	Mfr	Type	Max Amp		
PT 16 N, PT 16-TWIN N, PT 16 N-PE, PT 16-TWIN N-PE	14-4 Str	14-4 Str	Siemens	3RV2742..	70	65	480
PT 16 N, PT 16-TWIN N, PT 16 N-PE, PT 16-TWIN N-PE	14-4 Str	14-4 Str	Siemens	3VA51..	125	65	480

PT6/1P With PP-H6 plug	14-8 Str.	14-8 Str.	Mitsubishi	NV50-SVFU (5A, 10A, 15A, 20A, 30A; 120- 240V 30MA)	20	14	240 ac 3 ph

The following terminal block models have optional 3-phase short circuit current rating evaluated for use with copper conductors only. The terminal blocks must be protected by the max ampere and class of overcurrent protective device noted below.

Cat. No.	Suitable Conductors kcmil/AWG		Overcurrent Protection Self-protected Combination Motor Controller Required			SCCR, RMS Sym, kA	Volts Max
	Line	Load	Mfr	Type	Max Amp		
*PT 4, PT 4-TWIN, PT 4-QUATTRO, PT 4-PE, PT 4-TWIN-PE, PT 4-QUATTRO-PE	14-10 Str	14-10 Str	Siemens	3RV2011.. 3RV2021..	25	65	480
*PT 6, PT 6-TWIN, PT 6-QUATTRO, PT 6-PE, PT 6-TWIN-PE, PT 6-QUATTRO-PE	14-8 Str	14-8 Str	Siemens	3RV2021..	32	50	480
	14-8 Str	14-8 Str	Siemens	3RV2011.. 3RV2021..	25	65	480
*PT 10, PT 10-TWIN, PT 10-PE, PT 10-TWIN-PE	14-6 Str	14-6 Str	Siemens	3RV2031.. 3RV2032..	52	65	480
*PT 16 N, PT 16-TWIN N, PT 16 N-PE, PT 16-TWIN N-PE	14-4 Str	14-4 Str	Siemens	3RV2041.. 3RV2042..	100	65	480

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The following Cat. Nos. have optional three-phase short circuit current ratings. The Terminal Blocks must be protected by the max ampere and class of overcurrent protective device noted below.

Cat. No.	Suitable Conductors Kcmil/AWG		Overcurrent Protection Fuse Required Class/Max Amp Rating							SCCR RMS Sym A	Max Volts
	Line	Load	J	L	T	RK1	RK 5	G	CC		
PT 4, PT 4-TWIN, PT 4- QUATTRO, PT 4-PE, PT 4-TWIN- PE, PT 4 QUATTRO-PE	14 - 10 Str.	14 - 10 Str.	35	-	-	-	-	30	30	100 kA	600 ac 3 ph
PTTB 4, PTTB 4-PV, PTTB 4-PE	14 - 10 Str.	14 - 10 Str.	35	-	-	-	-	30	30	100 kA	300 ac 3 ph
PT 4-MT, PT 4-TG	14 - 10 Str.	14 - 10 Str.	35	-	-	-	-	30	30	100 kA	300 ac 3 ph
PT 6, PT 6-TWIN, PT 6- QUATTRO, PT 6-PE, PT 6-TWIN- PE, PT 6-QUATTRO-PE	14 - 8 Str.	14 - 8 Str.	60	-	-	-	-	30	30	100 kA	600 ac 3 ph
PT 6-QUATTRO/2P, PT 6- QUATTRO/2P-PE	14 - 8 Str.	14 - 8 Str.	60	-	-	-	-	30	30	100 kA	600 ac 3 ph
PT 10, PT 10-TWIN, PT 10-PE, PT 10-TWIN-PE	14 - 6 Str.	14 - 6 Str.	60	-	-	-	-	30	30	100 kA	600 ac 3 ph
PT 16 N, PT 16 N-PE, PT 16-TWIN N, PT 16-TWIN N-PE	14-4	14-4	60	-	60	30	-	50	30	100 kA	600 ac 3 ph

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Cat.-no.	Wire size AWG	Wire type	FW	TQ Lb-in	V	A	UG
PT 10-MTL KNIFE, PT 10-MT, PT 10-TG	20-6	Cu	2	NA	300	20	B,C
					600	5	D
					500	20	F
PT 10-FSI/C, PT 10-FSI/C-LED 12, PT 10-FSI/C-LED 24, PT 10-FSI/C-LED 48	20-6	Cu	2	NA	300	25	B,C
					600	5	D
					630	25	F
PT 10-FSI/C with or without suffix -LED 12, -LED 24 and - LED 48 followed by P-FU-FSI/C 5X20	20-6	CU	2	NA	150	15	B,C
					150	15	D
					300	10	D
					400	15	F
PT 10-HESI (6.3X32), PT 10-HESILED 24 (6.3X32), PT 10-HESILED 250 (6.3X32)	20-6	Cu	2	NA	300	10	B,C
					600	5	D
					500	10	F

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 (spring action type) 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. Any color but green and yellow can be used unless it's for a protective conductor terminal block (PCTB).
 - 3A. Type PTTB4-L 1000V insulating bodies are molded
4. The suitability of electrical components (LED's, diodes, resistors and the like) provided for Types with Suffixes -DIO (with additional Suffixes), -LED12, -LED24, -LED60, -LA250 shall be determined in the end product application.
5. Types PIT4-HESI (5X20), -HESILED 24 (5X20), -HESILED 60 (5X20), -HESILA 250 (5X20) are intended for use with 5 by 20 mm] miscellaneous fuses. The suitability of the fuses shall be determined in the end-use. They are not intended for branch circuit protection. Markings concerning fuse replacement and location should be considered in the end-use products.
6. The terminal block short-circuit rating for Cat. Nos. PT6, PT6 with PPH6 plug were determined based on testing in a minimum size enclosure measuring 203 by 203 by 152 mm. The suitability of smaller enclosures shall be determined in the end-use investigation. PT 4, PT 4-TWIN, -QUATTRO, -PE, -TWIN-PE, -QUATTRO-PE, PTTB 4, PTTB 4-PV, -PE, -MT, -TG, PT 6, PT 6-TWIN, -QUATTRO, -PE, -TWIN-PE, -QUATTRO-PE-QUATTRO/2P, -QUATTRO/2P-PE short circuit ratings were determined based on testing in a minimum size enclosure measuring 150 by 150 by 120 mm; PT 10, PT 10-TWIN, -PE, -TWIN-PE, PT 16-TWIN N, short circuit ratings were determined based on testing in a minimum size enclosure measuring 200 by 200 by 120 mm.
7. The housing for Cat. No. PTTB 4-L 1000 rated 1000V is molded Cat. No. PTTB 4-L 1000 complies with requirements for terminal blocks rated more than 600Vin UL1059 Standard.

*

8. The Type PP-H4 plug-in blocks which mate with Types PT4/1P, PT4/1P-PE have not been evaluated for circuit interruption (make and break under load).

9. All copper alloys shall contain more than 80 percent copper and less than 15% zinc.

10. Model LAK 4/5 (representative of LAK 4/10) was tested with a 5x12mm copper busbar representing LAK 4/10 for use with larger busbar. Suitability should be determined in the end use product.

11. Model LAK 16/5 (representative of LAK 16/10) was tested with a 5x12mm copper busbar representing LAK 16/10 for use with larger busbar. Suitability should be determined in the end use product.

12. Steel may be used when acceptable for current carrying parts and suitability shall be determined in the end product use.

13. Models with a disconnect have not been evaluated for disconnecting current and the suitability shall be determined in the end product use.

14. Protective conductor terminal blocks types PT4-PE/L/L, PT4-PE/L/N, PT4-PE/L/TG, PT4-PE/L/MT, PT 4-PE/L/HESI (5x20), PT 4-PE/L/HESILED 24 (5x20), PT 4-PE/L/HESILED 60 (5x20), PT 4-PE/L/HESILED or HESILA 250 (5x20), PT 4-PE/L/HEDI are evaluate for use with copper, steel, AL type 35 by 7.5 by 1 mm and type 35 by 15 by 1 mm, symmetric, U shape din rails.

15. All models with disconnects have not been evaluated for circuit interruption (make and break under load).

16. For models PT 6-DREHSI (5X20), FT 6-DREHSI (5X20), PT 6-DREHSILED 24 (5X20), FT 6-DREHSILED 24 (5X20), PT 6-DREHSILED 60 (5X20), PT 6-DREHSILA 250 (5X20), FT 6-DREHSILA 250 (5X20), since the overcurrent protective device is part of the equipment, it shall be relied upon only if the protector is not user-serviceable unless substitution of a higher-rated protector value is prevented by keying, other constructional features, or if there is a permanent marking limitation of 10 A.

17. For models PT 6-DREHSI (5X20), FT 6-DREHSI (5X20), PT 6-DREHSILED 24 (5X20), FT 6-DREHSILED 24 (5X20), PT 6-DREHSILED 60 (5X20), PT 6-DREHSILA 250 (5X20), FT 6-DREHSILA 250 (5X20), electrical components such as diodes or resistors may be provided and suitability shall be determined in the end product use.

18. When provided with insulating covers, the suitability of the covers shall be judged in the end-use application. The covers may be constructed from various plastics and the suitability of the plastic shall be investigated per the latest requirements of UL 746C if the cover is to be used in lieu of spacings.

19. All ratings in the ratings table supercede nomenclature designations in this report.

20. The terminal block (Cat. No.: PT 6, PT 6-PE, PT 6-TWIN, PT 6-TWIN-PE, PT 6-QUATTRO, PT 6-QUATTRO-PE), **PTTB 4-L 1000V** 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 [8] mm; over-surface (creepage) spacings are minimum [12.5] mm.

21. The terminal block (Cat. No.: PT 4-HEDI) 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] mm; over-surface (creepage) spacings are minimum [6.3] mm.

22. The terminal block short-circuit rating for cat. nos. PT 4, PT 4-TWIN, PT 4-QUATTRO, PT 4-PE, PT 4-TWIN-PE, PT 4-QUATTRO-PE, PT 6, PT 6-TWIN, PT 6-QUATTRO, PT 6-PE, PT 6-TWIN-PE, PT 6-QUATTRO-PE, PT 10, PT 10-TWIN, PT 10-PE, PT 10-TWIN-PE, PT 16 N, PT 16-TWIN N, PT 16 N-PE, PT 16-TWIN N-PE, with Overcurrent Protection Circuit Breakers: Siemens, types 3V2711..., 3RV2811..., 3RV2721..., 3RV2821..., 3RV2742..., 3VA51..., and Self-protected Combination Motor Controller, Siemens, types 3RV2011..., 3RV2021..., 3RV2031..., 3RV2032..., 3RV2041..., 3RV2042.. was determined based on a minimum size enclosure measuring 155 by 155 by 110 mm. The suitability of smaller enclosures shall be determined in the end-use investigation.

23. For models PT 4-QUATTRO, PT 4-DIO 1N 5408/L-R, PT 4-DIO 1N 5408/R-L, PT 4-QUATTRO-DIO 1N 5408/L-R, PT 4-QUATTRO-DIO 1N 5408/R-L, electrical components such as diodes are provided and suitability shall be determined in the end product use.

24. The terminal block (Cat. No.: PPC 6-NS/1-L, PPC 6/1-L, PPC 6/n, PP-H 6/1-L, PP-H 6/n, PP-H 6/1-M, PP-H 6/1-R, PTME 6 HV, PT 10, PT 10-TWIN, PT 10-PE, PT 10-TWIN-PE) 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 UL 61800-5-1, "Safety Requirements - Electrical, Thermal and Energy". Terminal blocks were investigated for Pollution Degree 3, and Overvoltage Category [III]. Through-air (clearance) spacings are minimum [8] mm; over-surface (creepage) spacings are minimum [12.5] mm.

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NOMENCLATURE:

The Type Nos. are designated as follows:

Typical Type No.	PIT 4	-PE	-3P	-PE
	1	2	3	4

1. Basic Type No.

- PT 2.5 - with wire release lever
- PIT 4/ TBP 4 - with wire release lever
- PTRV 4 and 8 - With wire release lever for marshalling distribution
- FTRV 4 and 8 - Without wire release lever for marshalling distribution
- PTO 4 and FT 4 - without release lever
- PITTB 4/ TBP 4/2L - double level with wire release lever
- FTTB 4 - double level without release lever
- PITME 4, PITME 6 - test disconnect terminal block
- PITMED 4, PITMED 6 - Same as PITME 6, but without disconnect feature
- PIT 6/ TBP 6 - with wire release lever
- PPC 6 - connectable with PP-H 6 and equipped with wire release lever.
- PT **10/TBP 10** - with wire release lever
- PT 16 N - with release lever
- PP-H4 - plug-in block, mates with PT4 Types.
- PTC 2.5 - Compact type with wire release lever
- PTC 4/ TBPC 4 - Compact type with wire release lever

2. Suffixes -

None - Feed through block

- PE - Grounding (PCTB) with snap-on grounding foot
- PE/3L - Four level terminal block, lower level PE
- 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
- HEXA - Three input, Three output.
- PV - double level terminal blocks with upper and lower levels commoned
- MT - Feed through block, with knife disconnect
- TG - Feed through block, with plug disconnect
- DIO 1N5408/L-R - Diode circuit, input-output
- DIO 1N5408/R-L - Diode circuit, output-input
- QUATTRO-DIO 1N5408/L-R - Dual input, dual output, diode circuit, input-output
- QUATTRO-DIO/R-L - Dual input, dual output, diode circuit, output-input

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-FSI/F - Equipped with Automotive Fuse Holder

**-FSI/F-LED12 - Equipped with Automotive Fuse Holder and 12V LED/resistor
fuse failure indicator**

**-FSI/F-LED24 - Equipped with Automotive Fuse Holder and 24V LED/resistor
fuse failure indicator**

**-FSI/F-LED # - Equipped with Automotive Fuse Holder and 0-300V
LED/resistor fuse failure indicator**

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- HESI (5X20) - Equipped with 5x20 mm Lever Fuse Holder
- HESILED 24 (5X20) - Equipped with 5x20 mm Lever Fuse Holder and 24V LED/resistor fuse failure indicator
- HESILED 60 (5X20) - Equipped with 5x20 mm Lever Fuse Holder and 60V LED/resistor fuse failure indicator
- HESILA 250 (5X20) - Equipped with 5x20 mm Lever Fuse Holder and 250V Neon Lamp/resistor fuse failure indicator

NOMENCLATURE (Continued):

- L 1000V (for Type PTTB4) - Single level terminal block for User
 - L - Left end
 - /1...10 - digit number designating number of poles
 - NS/1-L - plug with provision for DIN Rail installation.

Group E, 1,000V applications.

- M5 - Equipped with M5 DIN934-8 nut on the inside.
- /1P - Feed through block for use with one PP-H 4 or PP-H 6 receptacle block.
- /2P - Feed through block for use with two PP-H 4, or PP-H 6 receptacle blocks.
- /3P - Feed through terminal block for use with three PP-H 2.5 receptacle blocks.
- CT/1P - Disconnect terminal block for use with one PPCT 6/.. plug.
 - L - PP-H4/1 plug-in module, left end. Mates with Types PT4/1P, PT4/1P-PE.
- M - PP-H4/1 plug-in module, center position. Mates with Types PT4/1P, PT4/1P-PE.
- R - PP-H4/1 plug-in module, right end . Mates with Types PT4/1P, PT4/1P-PE.

4. Suffixes -

- None - Feed through block
- PE - Grounding (PCTB) with Snap-on grounding foot

Nomenclature:

MP	X0	X1
A	B	C

- A : - PTRVB - With wire release lever for marshalling distribution
 - FTRVB - Without wire release lever for marshalling
- B: Suffixes X0 - May be followed by cross section area 4,8.
- C: with or without suffixes (X1)
- PV - With wire release lever for marshalling distribution
 - FI - With bridgeable potential distributor

PTRVB 4-PV/ FTRVB 4-PV	PTRVB 4-FI/ FTRVB 4-FI
PTRVB 8-PV/ FTRVB 8-PV	PTRVB 8-FI/ FTRVB 8-FI

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Nomenclature:

LAK	X0	X2
A	B	C

A : LAK: Bus bar mounting terminal block.

B: with X0 (wire cross-section):
 4/5 - Suitable for 4 sq. mm. wire can be mounted on 5 mm Bus bar
 4/10 - Suitable for 4 sq. mm. wire can be mounted on 10 mm Bus bar
 16/5 - Suitable for 16 sq. mm. wire can be mounted on 5 mm Bus bar
 16/10 - Suitable for 16 sq. mm. wire can be mounted on 10 mm Bus bar

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.

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Nomenclature: For PTTB series

X0	X1	X2	X3	X4	(5X20)
A	B	C	D	E	F

A : X0: PTTB- Double level Push in type terminal block.

B: with X1 (wire cross-section): 4 - Suitable for 4 sq. mm. wire

C: w/wo suffix X2: HESI - Provision for Cartridge fuse insert 5x20.

 HESILED/HESILA - Provision for Cartridge fuse insert 5x20 with LED indication

D: w/wo suffix X3: 24, 60, 250 - With LED display for 12-30, 30-60, 110-250 V respectively.

E: w/wo suffix X4: EX .
 TG - Provision for disconnection
 MT - Disconnect type

F: w/wo suffix (5x20): Size of Cartridge fuse

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: For PT series

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

A : PT- Push in type terminal block.

B: with X0 (wire cross-section): 4 - Suitable for 4 sq. mm. wire

C: w/wo suffix X1: -L - Denotes one level phase
 -L/L - Denotes two level phase
 -PE/L/L - Denotes lower level potential earth and two phase
 -PE/L/N - Denotes lower level potential earth and one phase and one neutral

D: w/wo suffix X2: /HESI - Provision for Cartridge fuse insert 5x20.
 /HESILED - Provision for Cartridge fuse insert 5x20 with LED indication
 HEDI - Input and output terminal are connected with pin

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E: w/wo suffix X3: 24, 60, 250 - With LED display for 12-30, 30-60, 110-250 V respectively.

F: w/wo suffix X4:/TG - Provision for disconnection
 /MT - Disconnect type

*With all color 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: PT 6 Series

PT	X0	X1	X2	X3
A	B	C	D	E

A: PT- Push-in Terminal block

B: with or without suffix: X0: 6 = size in correlation to the cross section

C: with or without suffix: X1: TWIN = 3 connections

D: with or without suffix: X2: QUATTRO = 4 connections

E: with or without suffix: X3: PE = Grounding terminal

PT 6	PT 6-PE
PT 6 TWIN	PT 6-TWIN-PE
PT 6 QUATTRO	PT 6-QUATTRO-PE

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

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Nomenclature:

X0	X1	X2	X3	X4	X5
A	B	C	D	E	F

A : X0: PT - Push in type terminal block.

B: with X1 (wire cross-section):6 - Suitable for 6 sq. mm. wire

C: w/wo suffix X2: HESI - Provision for Cartridge fuse insert.
 HESILED - Provision for Cartridge fuse insert with LED indication
 FSI/C - For flat type fuse

D: w/wo suffix X3: 24, 60, 250 - With LED display for 12-30, 30-60, 110-250 V respectively.

E: w/wo suffix X4: EX
 TG - Provision for disconnection
 MT - Disconnect type
 MTL - With long head knife disconnecter

F: w/wo suffix X3 (6.3x32): - Size of Cartridge fuses
 KNIFE-RD : - Color of Knife disconnecter (red however any color knife can be designated)

With all color 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.

PT 6-HESILED 60 (6,3X32)	PT 6-HESI-EX (6,3X32)	PT 6-MT
PT 6-HESI (6,3X32)	PT 6-HESILED 24-EX (6,3X32)	PT 6-TG
PT 6-HESILED 24 (6,3X32)	PT 6-HESILED 60-EX (6,3X32)	PT 6-FSI/C
PT 6-HESILED 250 (6,3X32)	PT 6-HESILED 250-EX (6,3X32)	PT 6-FSI/C-LED 12

Nomenclature:

Terminal Blocks - Component P-FU-FSI/C 5X20 (plug-in fuse holder accessories) use with following

1. PT 6-FSI/C with or without suffix -LED 12, -LED 24 and -LED 48
 PT 10-FSI/C with or without suffix -LED 12, -LED 24 and -LED 48.

P-FU	X0	X1
A	B	C

A: P-FU: Fuse plug, X0: with or without suffix(X0): -FSI/C: Flat type fuse, X1: with or without suffix(X1):-5X20: fuse size

Nomenclature: PT 6-DREHSELED 24 (5X20)

PT	6	X0	X1	(5x20)
A	B	C	D	E

- A: PT- Push In type screw cap terminal block.
 FT- Push In type screw cap terminal block without pusher.
- B: 6: wire cross-section: 6 sq. mm
- C: W/Wo suffix X0
 DREHSE: Fuse terminal clamp type.
 DREHSELED: Fuse terminal clamp type with indication.
 DREHSELA: Fuse terminal clamp type with indication.
- D: W/Wo suffix X1:
 24,60,250: LED display for 15-30, 30-60, 110-250 V respectively.
- E: (5x20): Size of Fuse.

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.

PT 6-DREHSE (5X20)	FT 6-DREHSE (5X20)
PT 6-DREHSELED 24 (5X20)	FT 6-DREHSELED 24 (5X20)
PT 6-DREHSELED 60 (5X20)	FT 6-DREHSELA 250 (5X20)
PT 6-DREHSELA 250 (5X20)	

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Nomenclature:

PT 6-DREHSI (6.3X32), PT 6 DREHSELED 24 (6.3X32), PT 6 DREHSELED 60 (6.3X32),
 PT 6 DREHSILA 250 (6.3X32)

PT	6	X0	X1	(6.3x32)
A	B	C	D	E

- A: PT- Push In type screw cap terminal block.
 B: 6: wire cross-section: 6 sq. mm
 C: W/Wo suffix X0
 DREHSI: Fuse terminal
 DREHSELED: Fuse terminal with LED indication
 DREHSILA: Fuse terminal with Lamp indication
 D: W/Wo suffix X1:
 24,60,250: LED display for 15-30, 30-60, 110-250 V respectively.
 E: (6.3x32): Size of Fuse.

With all colour variants and suffixes 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.

PT 6 DREHSI (6.3X32)	PT 6 DREHSELED 24 (6.3X32)
PT 6 DREHSELED 60 (6.3X32)	PT 6 DREHSILA 250 (6.3X32)

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Nomenclature:

Nomenclature: PTU 35/4x10

PTU	35	/4x10
A	B	C

A: PTU- Feed through installation terminal block

FTU- Feed through installation terminal block without pusher.

B: 35: 1 No of wire

C: /4x10: 4 No of wire

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.

PTU 35/4x10
FTU 35/4x10

Nomenclature: PT 6-T P/P HV

PT	X0	X1	X2	X3
A	B	C	D	E

- A: PT- Push-in Terminal block
B: with or without suffix:
X0: 6 = wire cross-section: 6 sq. mm
C: with or without suffix(X1):
-T - disconnecter
D: with or without suffix (X2):
-P/P - provision for test socket
E: with or without suffix (X3):
HV - with high voltage disconnecter

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.

PT 6-T P/P HV

and Report

PT	X0	X1	X2
A	B	C	D

A: PT- Push-in Terminal block

B: with or without suffix:

X0: 4 = wire cross-section: 4 sq. mm

C: with or without suffix (X1):

MT -Knife disconnecter

TG -Disconnecter type

FSI/F -For flat type fuse

D: with or without suffix (X1):

HESI -Provision for Cartridge fuse insert

HESILED -Provision for Cartridge fuse insert with LED indication

HESILA -Provision for Cartridge fuse insert with Lamp indication

LED - LED indication

E: with or without suffix (X2):

12,24, 60, 70,250 - With LED display for 12-30, 30-60, 110-250 V respectively

F: w/wo suffix (X3):

(5X20) -Size of Cartridge fuses

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.

PT 4-TG	PT 4-MT
PT 4-HESI (5X20)	PT 4-HESILED 24 (5X20)
PT 4-HESILED 60 (5X20)	PT 4-HESILAorHESILED 250 (5X20)
PT 4-FSI/F	PT 4-FSI/F-LED 70
PT 4-FSI/F-LED 12	PT 4-FSI/F-LED 24

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Nomenclature: PT 10-MTL KNIFE

PT	10	X0	X1	X2	X3
A	B	C	D	E	F

A: PT: Feed through terminal block with push-in connection technology
B: with or without suffix: 10 -wire cross-section
C: with or without suffix (X0): MTL KNIFE- With long head knife
disconnecter

MT- with knife disconnecter
TG- without knife
FSI/C- For flat type fuse
HESI- Provision for Cartridge fuse insert

D: with or without suffix (X1): LED - Provision for Cartridge fuse insert
with LED indication
E: with or without suffix (X2): 12,24,48,250- With LED display for 12-30,
30-60, 110-250 V respectively
F: with or without suffix (X3): (6.3x32)- Size of Cartridge fuses

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

Nomenclature can be changed to any position.

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

PT 10-MT	PT 10-HESI (6.3X32)	PT 10-FSI/C
PT 10-TG	PT 10-HESI/LED 24 (6.3X32)	PT 10-FSI/C-LED 12
PT 10-MTL KNIFE	PT 10-HESI/LED 250 (6.3X32)	PT 10-FSI/C-LED 24
		PT 10-FSI/C-LED 48

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Nomenclature:

PT/PTTB	4	X0	X1	X2
A	B	C	D	E

A: PT - Pusher type terminal block
PTTB- Double level pusher type terminal block

B: 4: wire cross-section: 4 sq. mm

C: w/wo suffix X1
QUATTRO- Dual input, dual output

D: w/wo suffix X2
DIO 1N 5408/L-R- Diode circuit, input-output
DIO 1N 5408/R-L- Diode circuit, output-input

With all colour variants and suffixes 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.

PT 4-QUATTRO-DIO 1N 5408/L-R	PT 4-DIO 1N 5408/R-L
PT 4-QUATTRO-DIO 1N 5408/R-L	PT 4-QUATTRO
PT 4-DIO 1N 5408/L-R	

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
5. A protective conductor terminal block shall be marked with the symbol (IEC Publication 417, Symbol 5019) or with "G", "GR", "GND", "Ground", "Grounding", or the like.
6. For models PT 6-DREHSI (5X20), FT 6-DREHSI (5X20), PT 6-DREHSILED 24 (5X20), FT 6-DREHSILED 24 (5X20), PT 6-DREHSILED 60 (5X20), PT 6-DREHSILA 250 (5X20), FT 6-DREHSILA 250 (5X20), marking limitation of 10A for fuse.

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.
3. For models PT 6-DREHSI (5X20), FT 6-DREHSI (5X20), PT 6-DREHSILED 24 (5X20), FT 6-DREHSILED 24 (5X20), PT 6-DREHSILED 60 (5X20), PT 6-DREHSILA 250 (5X20), FT 6-DREHSILA 250 (5X20), marking limitation of 10A for fuse.

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.

<u>Application</u>	<u>Max V</u>	<u>Through Air</u>	<u>Over Surface</u>
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 +	600	1/8 (3.2)	1/4 (6.4)
Terminal blocks rated 600 to 1,000V	1,000	0.55 (14.0)	0.85 (21.6)