

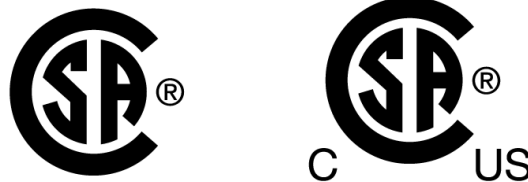


Certificate of Compliance

Certificate: 70018049 **Master Contract:** 158887
Project: 80268293 **Date Issued:** 2025-12-17
Issued to: **PHOENIX CONTACT GmbH & Co. KG** **Issued by:** Nidhishree M
Flachmarkstraße 8
Blomberg, North Rhine-
Westphalia D-32825
Germany

Attention: Indu Bisht

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



PRODUCTS

Class 6228 01 WIRE CONNECTING DEVICES - Terminal Assemblies

Class 6228 81 WIRE CONNECTING DEVICES - Terminal Assemblies - Certified to US Standards

Terminal blocks, type PTTB 4 and PT 4, double level spring-force type connection, for solid and stranded copper insulated conductor as follows:

Model(s)	Wire Size (AWG)	Torque (Lb-in)	Voltage (V max)	Current (A max)	Use Group
PTTB 4-HESI (5X20)	24-10	--	600	5	D
	24-10	--	300	U: 6.3 L: 20	B, C
PTTB 4-HESILED 24 (5X20)	24-10	--	600	5	D



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	24-10	--	300	U: 6.3 L: 20	B, C
PTTB 4-HESILED 60 (5X20)	24-10	--	600	5	D
	24-10	--	300	U: 6.3 L: 20	B, C
PTTB 4-HESILED/LA 250 (5X20)	24-10	--	300	U: 6.3 L: 20	B, C
	24-10	--	600	5	D
PTTB 4-TG	24-10	--	600	5	D
	24-10	--	300	U: 16 L: 20	B, C
PTTB 4-MT	24-10	--	300	U: 16 L: 20	B, C
	24-10	--	600	5	D
PT 4-L/L	24-10	--	300	U: 16 L: 20	B, C
	24-10	--	600	5	D
PT 4-PE/L/L	24-10	--	300	U: 16 L: 20	B, C
			600	5	D
PT 4-PE/L/N	24-10	--	300	U: 16 L: 20	B, C
	24-10	--	600	5	D
PT 4-L/HESI (5x20)	24-10	--	300	U: 6.3 L: 20	B, C
	24-10	--	600	5	D
PT 4-L/HESILED 24 (5x20)	24-10	--	600	5	D
	24-10	--	300	U: 6.3 L: 20	B, C
PT 4-L/HESILED 60 (5x20)	24-10	--	300	U: 6.3 L: 20	B, C
	24-10	--	600	5	D
PT 4-L/HESILED/LA 250 (5x20)	24-10	--	600	5	D
	24-10	--	300	U: 6.3 L: 20	B, C
PT 4-PE/L/TG	24-10	--	300	U: 16 L: 20	B, C



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	24-10	--	600	5	D
PT 4-PE/L/MT	24-10	--	300	U: 16 L: 20	B, C
	24-10	--	600	5	D
PT 4-PE/L/HESI (5x20)	24-10	--	300	U: 6.3 L: 20	B, C
	24-10	--	600	5	D
PT 4-PE/L/HESILED 24 (5x20)	24-10	--	300	U: 6.3 L: 20	B, C
	24-10	--	600	5	D
PT 4-PE/L/HESILED 60 (5x20)	24-10	--	300	U: 6.3 L: 20	B, C
	24-10	--	600	5	D
PT 4-PE/L/HESILED/LA 250 (5x20)	24-10	--	600	5	D
	24-10	--	300	U: 6.3 L: 20	B, C
PT 4-PE/L/HEDI	24-10	--	300	U: 16 L: 20	B, C
	24-10	--	600	5	D
PT 4-HEDI	24-10	--	600	5	D
	24-10	--	300	16	B, C
PT 4-MT	24-10	--	300	20	B, C
PT4-TG	24-10	--	300	20	B, C
PT 4-FSI/F	24-10	--	150	15	B, C
PT 4-FSI/F-LED 12	24-10	--	12	15	B, C
PT 4-FSI/F-LED 24	24-10	--	24	15	B, C
PT 4-FSI/F-LED 70	24-10	--	70	15	B, C
PT 4-HESI (5X20)	24-10	--	300	6.3	B, C
PT 4-HESILED24 (5X20)	24-10	--	300	6.3	B, C
PT 4-HESILED 60(5X20)	24-10	--	300	6.3	B, C
PT 4-HESILA/LED 250 (5X20)	24-10	--	300	6.3	B, C

Terminal blocks, PT 6 Series with spring-force connection, for use with solid and stranded insulated copper conductor as follows:

Model(s)	Wire Size (AWG)	Torque (Lb-in)	Voltage (V max)	Current (A max)	Use Group
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PT 6-HESILED 60 (6,3X32)	20-8	--	300/600	10/5	B,C/D
PT 6-HESI (6,3X32)	20-8	--	300/600	10/5	B,C/D
PT 6-HESILED 24 (6,3X32)	20-8	--	300/600	10/5	B,C/D
PT 6-HESILED 250 (6,3X32)	20-8	--	300/600	10/5	B,C/D
PT 6-HESI-EX (6,3X32)	20-8	--	300/600	10/5	B,C/D
PT 6-HESILED 24-EX (6,3X32)	20-8	--	300/600	10/5	B,C/D
PT 6-HESILED 60-EX (6,3X32)	20-8	--	300/600	10/5	B,C/D
PT 6-HESILED 250-EX (6,3X32)	20-8	--	300/600	10/5	B,C/D
PT 6-MT	20-8	--	300/600	20/5	B,C/D
PT 6-MTL , PT 6-MTL KNIFE	20-8	--	300/600	20/5	B,C/D
PT 6-TG	20-8	--	300/600	20/5	B,C/D
PT 6-FSI/C	20-8	--	300/600	25/5	B,C/D
PT 6-FSI/C-LED 12	20-8	--	300/600	25/5	B,C/D
PT 6-FSI/C-LED 24	20-8	--	300/600	25/5	B,C/D
PT 6-FSI/C-LED 48	20-8	--	300/600	25/5	B,C/D

Terminal blocks, type PTI 16/S and PTN 16/S, feed-through installation and neutral disconnect, for solid and stranded copper insulated conductor as follows:

Model(s)	Wire Size (AWG)	Torque (Lb-in)	Voltage (V max)	Current (A max)	Use Group
PTI 16/S	24-4	--	300/600	10/5	B,C/D
PTI 16/S-PE	24-4	--	300/600	--	B,C/D
PTN 16/S	24-4	--	300/600	10/5	B,C/D
PTI 16 NLS-FI	20-4	--	600	70	B,C

Terminal blocks, hybrid type PTU with both spring and screw connection, for use with solid and stranded insulated copper conductor as follows:

Model(s)	Wire Size (AWG)	Torque (Lb-in)	Voltage (V max)	Current (A max)	Use Group
PTU 2.5	26-12	4-5	600	20	B/C/D
PTU 2.5-PE	26-12	4-5	--	--	--
PTU 4	24-10	5-7	600	30	B/C/D
PTU 4-PE	24-10	5-7	--	--	--
PTU 2.5-TWIN	26-12	4-5	600	20	B/C/D



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PTU 2.5-TWIN-PE	26-12	4-5	--	--	--
PTU 4-TWIN	24-10	5-7	600	30	B/C/D
PTU 4-TWIN-PE	24-10	5-7	--	--	--
PTU 35/4 x 6/6 x2.5	14-2	28-33	600	102	B, C
	26-12	--	600	17	B, C
	20-10	--	600	25.5	B, C

Terminal blocks, type PT spring-force type connection, for solid and stranded copper insulated conductor as follows:

Model(s)	Wire Size (AWG)	Torque (Lb-in)	Voltage (V max)	Current (A max)	Use Group
PT 2.5-PE/3L	Bottom Level 26-12 str/sol	--	600	20	B, C
	Top Level 26-12 str/sol	--	600	20	B, C
	Grounding 26-12 str/sol	--	--	--	--
	Mid Level 26-12 str/sol	--	600	20	B, C
PT 2.5-PE/3L/2P	Mid Level 26-14 str/sol	--	300/150	10	B,D/C*
	Top Level 26-14 str/sol	--	300/150	10	B,D/C*
	Grounding 26-14 str/sol	--	300/150	--	--
	Bottom Level 26-14 str/sol	--	300/150	10	B,D/C*
PT 2.5-4L/1P, PT 2.5-4L/2P	26-12 str/sol	--	300	10	B, C
PT 4-PE/3L	Mid Level 24-10 str/sol	--	600	28	B, C
	Top Level 24-10 str/sol	--	600	28	B, C
	Grounding 24-10 str/sol	--	--	--	--
	Bottom Level 24-10 str/sol	--	600	28	B, C
PT 2.5/S-QUATTRO	28-12 str 28 sol	--	300/600	20/5	B, C/D



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PT 2.5/S-QUATTRO-PE	28-12 str 28 sol	--	--	--	B, C
PT 4-L	24-10	--	300/600	20/5	B, C/D

Plug-in accessory for terminal blocks type -TG:

Model(s)	Wire Size (AWG)	Torque (Lb-in)	Voltage (V max)	Current (A max)	Use Group
P-CO L	Component plug	--	--	--	B, C, D

Notes:

1. Certified as a component for use only where the suitability of the final combination is determined in the end use.
2. PTU 2.5 and PTU 4 classified under spacing group designation "D" are for industrial devices application having limited ratings of 5A, 600V max; or 10A, 300V max; or 15A, 150V max.
3. All metallic parts are of corrosion resistant material or suitably plated to resist corrosion.
4. Not intended for use at higher than 40°C ambient temperature.
5. Strip length for PTTB 4 and PT 4 Series: 10-12 mm for 24-10 AWG.
6. The disconnect mean have not been investigated for interrupting current.
7. Devices were evaluated for use in ordinary locations only.
8. Devices with suffix 'EX' were not evaluated for explosive area-use under this report.
9. All copper alloys shall contain more than 80 percent copper.
10. PCTB Type PT 2.5-PE/3L/2P was tested with TH 35/7.5 by 1mm thick and TH 35/15 by 1.5 mm thick copper, aluminum and steel type U symmetric din rails. Use of an alternate DIN Rail shall be determined in the end product.
11. Cat. Nos. PT2.5-4L/1P, PT2.5-4L/2P, PT 2.5-PE/3L/2P terminal blocks are intended for use with CP-H2.5-4L(-Z) and STG-MTN 2.5 contact assembly only, crimped using tool 1204038 CRIMPFOX MT 2.5 by Phoenix Contact with die 4 in tool.
12. *PT 2.5-PE/3L/2P Group C Designation only for 150Vac rating.
13. Plug-in accessory P-CO L used for terminal blocks type -TG.
14. P-CO L component connector is evaluated as per both CSA and UL standards and is eligible to bear both CSA and US mark as they are included under the classes C6228 01 and C6228 81 respectively.

APPLICABLE REQUIREMENTS

UL 1059:2024 - Sixth Edition - UL Standard for Safety Terminal Blocks

CSA C22.2 NO. 158:23- Fourth Edition - Including Update No. 2: March 2025 - Terminal blocks



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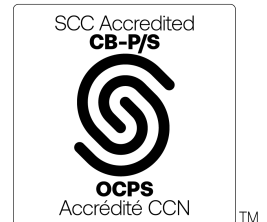
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Notes:

Products certified under Class(es) C622801, C622881 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80268293	2025-12-17	Update to report 70018049 to add Plug in accessory(P-CO L) to the TG variant articles.
80262136	2025-08-18	Update to Report 70018049 to add CML designation to the marking section.
80184434	2023-11-03	Update Report 70018049 to add alternate material for pusher- Durethan AKV30FN04+(f2).
80109896	2022-01-27	Update to report no. 70018049 to add alternate insulating materials and to change the voltage rating for PT 4-FSI/F series Terminal blocks.
80077960	2021-05-26	Update to report 70018049 to add alternate material for Pusher.
80071593	2021-02-25	Add Cat no. PT 4-HEDI.
80042626	2020-08-14	Update of report no. 70018049 to address the alternate construction of HEDI article in PT series Terminal Blocks.
80021869	2019-11-20	Update to report no. 70018049 to address the alternate construction in HESI (5X20) fuse plug unit in PT 4/PTTB 4 series Terminal Blocks.
70201644	2019-01-24	Add Cat Nos PT 4-MT, PT 4-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-HESILED 24 (5X20), PT 4-HESILED 60(5X20), PT 4-HESILA 250 (5X20) and PTI 16-NLS-FI.
70186184	2018-06-21	Add PT 2.5-PE/3L/2P and PT 2.5-4L Series.
70165308	2017-12-19	Add PT6 Series.
70162850	2017-11-21	Update to report 70018049, add Cat Nos PTI 16/S, PTI 16/S-PE, PTN 16/S.



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70155528	2017-10-23	Add Series PTTB 4 PT 4.
70152539	2017-09-06	Add Cat No. PTU 35/4 x 6/6 x2.
70128837	2017-04-24	Add Series PT 2.5, PTU 4.
70022291	2015-05-19	Terminal Blocks, Cat Nos PT 2.5-PE/3L, PT 4-PE/3L.
70018049	2015-02-05	Original Certification. Terminal Blocks, Cat Nos PTU 2.5-TWIN, PTU 4- TWIN, PTU 2.5-TWIN-PE, PTU 4-TWIN-PE.