



Certificate of Compliance

Certificate: 2638472 **Master Contract:** 161378
Project: 80174986 **Date Issued:** 12/22/2023
Issued to: Tyco Electronics France S.A.S.
3 Rue Jean Perrin
Chassieu, Rhone 69680
France
Attention: Philippe Vignon

The products listed below are eligible to bear the CSA Mark shown



Issued by: Azad Hacika
Azad Hacika

PRODUCTS

C622801 WIRE CONNECTING DEVICES - Terminal Assemblies

Terminal Block Plugs, Model No(s): PG-FH, PG-FH-R1 and PG-FH-R3 are intended to be used with Terminal Block, Model No(s): ZK2.5-SP and ZK2.5-SP-4P

Models	Wire Range (AWG)	Wire Type	Voltage (V max)	Current (A max)	Group
PG-FH, PG-FH-R1, PG-FH-R3(*)	N/A	N/A	300	18	B, C
	N/A	N/A	300	10	D

Models ZK, followed by 2.5, may be followed by -D1, -D2, -D2-PE (upper terminal only), -T1, -T3, -L-L-PE (upper terminal only), -L-N-PE (upper and middle terminals only), -D-CH-DU, -D-CH-UD, -D-CH2-UD, -D-CH2-DU, -D-CH2-DU-LR or -D-CH2-DU-RL, followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank;

Models	Wire Range (AWG)	Wire Type	Voltage (V max)	Current (A max)	Group
ZK2.5-D1	12-26	SOL / STR	600	20	B, C
ZK2.5-D2	12-26	SOL / STR	600	20	B, C



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ZK2.5-D-CH-DU	12-26	SOL / STR	600	20	B, C
ZK2.5-D-CH-UD	12-26	SOL / STR	600	20	B, C
ZK2.5-D-CH2-UD, ZK2.5-D-CH2-DU, ZK2.5-D-CH2-DU-LR, ZK2.5-D-CH2-DU-RL	12-26	SOL / STR	600	1	B, C
ZK2.5-T1	12-26	SOL / STR	300	20	B, C
ZK2.5-T3	12-26	SOL / STR	600	5	D
ZK2.5-L-L-PE (##)	12-26	SOL / STR	300	20	B, C
ZK2.5-L-N-PE (##)	12-26	SOL / STR	600	5	D

Models ZK, followed by 4, may be followed by -3P or -4P, followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank;

Models	Wire Range (AWG)	Wire Type	Voltage (V max)	Current (A max)	Group
ZK4	10-26	SOL / STR	600	30	B, C
ZK4-3P	10-26	SOL / STR	600	30	B, C
ZK4-4P	10-26	SOL / STR	600	30	B, C

Terminal Blocks Series ZK: Cat. Nos. ZK, followed by 4, followed by D1, D2, ZK4-D2-PE (upper terminal only) followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank;

Models	Wire Range (AWG)	Wire Type	Voltage (V)	Current (A)	Group
ZK4-D1	26-10	SOL / STR	600	5	D
	26-10	SOL / STR	300	30	B, C
ZK4-D2	26-10	SOL / STR	300	29	B, C
	26-10	SOL / STR	600	5	D
ZK4-D2-PE (upper terminal)	26-10	SOL / STR	600	5	D
	26-10	SOL / STR	300	29	B, C

Models ZK, followed by 6, may be followed by -3P, followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank;

Models	Wire Range (AWG)	Wire Type	Voltage (V max)	Current (A max)	Group
ZK6	10-24	SOL	600	30	B, C
	8-24	STR	600	50	B, C
ZK6-3P	8-24	STR	600	50	B, C
	10-24	SOL	600	30	B, C



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Models ZK, followed by 10 or 16, may be followed by -3P, may be followed by -PV, followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank;

Models	Wire Range (AWG)	Wire Type	Voltage (V max)	Current (A max)	Group
ZK10	6-20	STR	600	55	B, C
	10-20	SOL	600	30	B, C
ZK10-3P	10-20	SOL	600	30	B, C
	6-20	STR	600	56	B, C
	10-20	SOL	1000	30	C
	6-20	STR	1000	56	C
ZK10-PV	10-20	SOL	1000	30	C
	10-20	SOL	1000	30	C
ZK10-3P-PV	6-20	STR	1000	56	C
	10-20	SOL	1000	30	C
ZK16	10-20	SOL	600	30	B, C
	4-20	STR	600	75	B, C
ZK16-3P	4-20	STR	600	75	B, C
	10-20	SOL	600	30	B, C
	10-20	SOL	1000	30	C
	4-20	STR	1000	75	C
ZK16-PV	10-20	SOL	1000	30	C
	4-20	STR	1000	75	C
ZK16-3P-PV	4-20	STR	1000	75	C
	10-20	SOL	1000	30	C

Models ZK, followed by 2.5 or 4, followed by -PE, may be followed by -3P or -4P;

Models	Wire Range (AWG)	Wire Type	Voltage (V max)	Current (A max)	Group
ZK2.5-PE	12-26	SOL / STR	-	-	-
ZK2.5-PE-3P	12-26	SOL / STR	-	-	-
ZK2.5-PE-4P	12-26	SOL / STR	-	-	-
ZP4-PE	10-26	SOL / STR	-	-	-
ZP4-PE-3P	10-26	SOL / STR	-	-	-
ZK4-PE-4P	10-26	SOL / STR	-	-	-



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Protective Conductor Terminal Blocks, Series ZK: Cat. No(s). ZK4-D1-PE, ZK4-D2-PE (lower terminal only)

Models	Voltage (V)	Current (A)	Group	Wire Range (AWG)	Strip Length (mm)	Remarks
ZK4-D1-PE	---	---	B and C	26-10 Sol/Str	11.7	---
ZK4-D2-PE (lower terminal)	---	---	B and C	26-10 Sol/Str	11.7	Only the lower tiers employed in these devices are approved as Protective Conductor Terminal Blocks.

Models ZK, followed by 6, followed by -PE, may be followed by -3P;

Models	Wire Range (AWG)	Wire Type	Voltage (V max)	Current (A max)	Group
ZK6-PE	8-24	STR	-	-	-
	10-24	SOL	-	-	-
ZK6-PE-3P	10-24	SOL	-	-	-
	8-24	STR	-	-	-

Models ZK, followed by 10 or 16, followed by -PE, may be followed by -3P

Models	Wire Range (AWG)	Wire Type	Voltage (V max)	Current (A max)	Group
ZK10-PE	6-20	STR	-	-	-
	10-20	SOL	-	-	-
ZK10-PE-3P	10-20	SOL	-	-	-
	6-20	STR	-	-	-
ZK16-PE	6-20	STR	-	-	-
	10-20	SOL	-	-	-
ZK16-PE-3P	6-20	STR	-	-	-
	10-20	SOL	-	-	-

Spring force terminal blocks, ABB ZK Series:

Models ZK, followed by 2.5, may be followed by -SF, -SF-R1, -SF-R3, -S-R1, -S, -SP, -3P, -4P, -S-4P, -SP-4P, -4P-R1, -CH-4P-LR or -CH-4P-RL, followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank;

Models	Wire Range (AWG)	Wire Type	Voltage (V max)	Current (A max)	Group
ZK2.5	12-26	SOL / STR	600	20	B, C
ZK2.5-3P	12-26	SOL / STR	600	20	B, C



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ZK2.5-4P	12-26	SOL / STR	600	20	B, C
ZK2.5-SF	12-26	SOL / STR	300	14	B, C
	12-26	SOL / STR	600	5	D
ZK2.5-SF-R1	12-26	SOL / STR	600 (2)	5	D
	12-26	SOL / STR	300 (2)	14	B, C
ZK2.5-SF-R3	12-26	SOL / STR	300 (2)	14	B, C
	12-26	SOL / STR	600 (2)	5	D
ZK2.5-S-R1	12-26	SOL / STR	600	5	D
	12-26	SOL / STR	300	14	B, C
ZK2.5-S	12-26	SOL / STR	300	14	B, C
	12-26	SOL / STR	600	5	D
ZK2.5-SP	12-26	SOL / STR	600	5	D
	12-26	SOL / STR	300	14	B, C
ZK2.5-S-4P	12-26	SOL / STR	300	20	B, C
	12-26	SOL / STR	600	5	D
ZK2.5-SP-4P	12-26	SOL / STR	300	18	B,C
	12-26	SOL / STR	600	5	D
ZK2.5-4P-R1	12-26	SOL / STR	300	20	B, C
	12-26	SOL / STR	600	5	D
ZK2.5-CH-4P-LR	12-26	SOL / STR	600	1	D
	12-26	SOL / STR	300	1	B, C
ZK2.5-CH-4P-RL	12-26	SOL / STR	300	1	B, C
	12-26	SOL / STR	600	1	D

Protective Conductor spring force Terminal Blocks, ABB ZK Series:

Models ZK2.5-D1-PE, ZK2.5-D2-PE, ZK2.5-T1-PE, ZK2.5-L-L-PE, ZK2.5-L-N-PE (lower terminal only);

Models	Wire Range (AWG)	Wire Type	Voltage (V max)	Current (A max)	Group
ZK2.5-D1-PE	12-26	SOL / STR	-	-	-
ZK2.5-D2-PE (#)	12-26	SOL / STR	600	20	B, C
	12-26	SOL / STR	-	-	-
ZK2.5-T1-PE	26-12	SOL / STR	N/A	N/A	B, C



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ZK2.5-L-L-PE, ZK2.5-L-N-PE (lower terminals) (#)	26-12	SOL / STR	N/A	N/A	B, C
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Cat. No(s). ZK followed by 4 may be followed by –SF1, SF1 R1, SF1 R3, S R3, followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank:

Models	Wire Range (AWG)	Wire Type	Voltage (V)	Current (A)	Group	Strip Length (mm)
ZK4-SF1, ZK4-SF1-R1, ZK4-SF1-R3, ZK4-S-R3	26-10	SOL / STR	600	5	D	12.5
	26-10	SOL / STR	300	7.5	B, C	12.5

Notes:

1. Model ZK2.5-SF-R1 and ZK4-SF1-R1 will be used under 110 V maximum because electronic element is 24-110 V rated, and model ZK2.5-SF-R3 and ZK4-SF1-R3 will be used under 250 V maximum because electronic element is 115-250 V rated.
2. (#): Only the lower terminals employed in these devices are approved as Protective Conductor Terminal Blocks.
3. The terminal blocks are certified as components for use in certified equipment where the acceptability of the combination is determined in the end use.
4. The catalogue numbers may be completed with suffixes indicating color of body.
5. (##): Upper and middle terminals only.
6. (*): Terminal Block Plugs, Model No(s): PG-FH, PG-FH-R1 and PG-FH-R3 are intended to be used with UL recognized Terminal Block, Model No(s): ZK2.5-SP and ZK2.5-SP-4P.
7. Terminal Block Plug, Model No. PG-FH-R1 will be used under 110 V maximum because electronic element is 24-110 V rated and Model No. PG-FH-R3 will be used under 250V maximum because electronic element is 115-250V rated.
8. The Protective Conductor Terminal Blocks Cat. No. ZK4-D1-PE and ZK4-D2-PE (lower terminal) are intended for use with the DIN mounting rail.
9. The Protective Conductor Terminal Blocks Cat. No.: ZK4-D2-PE has upper terminal part to be used under voltage and current ratings. Upper terminal to be marked with any color except green-and-yellow. Lower terminal without voltage and current ratings to be marked with green-and-yellow color.
10. Cat. Nos. ZK2.5-SF, ZK2.5-SF-R1, ZK2.5-SF-R3, Cat. Nos. ZK4-SF1, ZK4-SF1-R1 and ZK4-SF1-R3 are intended for use with 5 by 20 mm miscellaneous fuses rated 20 A or less. The suitability of the fuses shall be determined in the end-use. They are not intended for branch circuit protection.
11. Cat. Nos. ZK4-S-R3 is provided with 5 by 20 mm dummy-fuse.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 158:10 (R2019) - Terminal Blocks



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
80174986	December 22, 2023	Update to Report 2638472 to add new models ZK4-SF1, ZK4-SF1-R1, ZK4-SF1-R3 and ZK4-S-R3 to the requirements of C22.2 No. 158-10 (R2019) based upon acceptance of UL Test Data.
80143918	October 26, 2022	Update to Report 2638472 to add new models Cat. No. ZK4-D1, ZK4-D2, ZK4-D1-PE and ZK4-D2-PE based on acceptance of UL Test Data.
80011299	October 29, 2019	Update to Report 2638472 for addition of models of terminal block Plugs, series PG-FH, Cat Nos. : PG-FH, PG-FH-R1 and PG-FH-R3, intended to be used with certified terminal Block, Model No(s): ZK4-SP, ZK4-SP-T2, ZK4-SP-R1, ZK4-SP-T2-R1, according to CSA C22.2 No. 158-10.263
70167036	December 20, 2017	Update to Report 2638472 to add new models Cat. No. ZK10-PV , ZK10-3P-PV, ZK16-PV and ZK16-3P-PV similar to already certified models with additional cover to increase the voltage up to 1000V based on acceptance of UL data.
70109208	December 21, 2016	Update to Report 2638472 to add new models Cat. No. ZK2.5-T1, ZK2.5-T3, ZK2.5-T1-PE, ZK2.5-L-L-PE, ZK2.5-L-N-PE, ZK2.5-D-CH2-UD, ZK2.5-D-CH2-DU, ZK2.5-D-CH2-DU-LR and ZK2.5-D-CH2-DU-RL based on acceptance of UL Test Data.
70050290	March 08, 2016	Update to Report 2638472 to add new models Cat. No. ZK2.5-S-4P, ZK2.5-SP-4P, ZK2.5-4P-R1, ZK2.5-CH-4P-LR, and ZK2.5-CH-4P-RL based on acceptance of UL Test Data.
70036958	July 22, 2015	Update to Report 2638472 to add new models Cat. No. ZK2.5-D-CH-UD et ZK2.5-D-CH-DU, considered to be similar in construction to certified model ZK2.5-D1.
70016791	April 14, 2015	Update to Report 2638472 to add new models Cat. No. ZK10-3P, ZK16-3P, ZK10-PE-3P and ZK16-PE-3P based on acceptance of UL Test Data.



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2693787	February 28, 2014	Update to Report 2638472 to add new models Cat. No. ZK2.5-S, ZK2.5-SP and rating changes on model ZK2.5-S-R1.
2638472	January 08, 2014	Original Certification of ABB ZK Series Spring force terminal blocks, to the requirements of CSA Standard CAN/CSA-C22.2 No. 158-10. Project: 80143918 Date Issued: 10/26/2022