

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160216-E60645  
**Report Reference** E60645-20130524  
**Issue Date** 2016-FEBRUARY-16

**Issued to:** ABB France  
Activite Raccordement  
3 Rue Jean Perrin  
CS90009  
69687 Chassieu Cedex FRANCE

**This is to certify that** COMPONENT - TERMINAL BLOCKS  
**representative samples of** See Addendum Page


Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL1059 & CAN/CSA C22.2 No. 158-10, Terminal Blocks.  
**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance  
capabilities and are intended for use as components of complete equipment submitted for investigation rather  
than for direct separate installation in the field. The final acceptance of the component is dependent upon its  
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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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.

Spring type Terminal Blocks, Series ZK:

Cat. No(s). ZK followed by 2.5 may be followed by -CH-4P-LR, -CH-4P-RL, -S, -S-4P, SP, -SP-4P, -SF, -SF-R1, -SF-R3, -S-R1, -3P, 4P-R1, or -4P, followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank;

Cat. No(s). ZK followed by 4 may be followed by -3P or -4P, followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank;

Cat. No(s). ZK followed by 6, 10, 16 may be followed by -3P followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank;

Protective Conductor Terminal Blocks,

Cat. No(s). ZK2.5-PE, ZK2.5-PE-3P, ZK2.5-PE-4P, ZK4-PE, ZK4-PE-3P, ZK4-PE-4P, ZK6-PE, ZK6-PE-3P, ZK10-PE, ZK16-PE, ZK10-PE-3P and ZK16-PE-3P.

## Ratings:

Cat. No.	Wire Range AWG	Wire Type, Cu	Stripping length (mm)	F W	Torque [N·m]	Voltage V ac	Current A	UG	CA
ZK2.5	26-12	SOL / STR	11	2	N/A	600	20	B, C	2,(105),4
ZK2.5-3P	26-12	SOL / STR	11	2	N/A	600	20	B, C	2,(105),4
ZK2.5-4P	26-12	SOL / STR	11	2	N/A	600	20	B, C	2,(105),4
ZK2.5-S-4P	26-12	SOL / STR	11	2	N/A	300	20	B, C	2,(105),4
						600	5	D	2,(105),4
ZK2.5-SP-4P	26-12	SOL / STR	11	2	N/A	300	18	B, C	2,(105),4
						600	5	D	2,(105),4
ZK2.5-4P-R1	26-12	SOL / STR	11	2	N/A	300	20	B, C	2,(105),4
						600	5	D	2,(105),4
ZK2.5-CH-4P-LR	26-12	SOL / STR	11	2	N/A	300	1	B, C	2,(105),4
						600	1	D	2,(105),4
ZK2.5-CH-4P-RL	26-12	SOL / STR	11	2	N/A	300	1	B, C	2,(105),4
						600	1	D	2,(105),4
ZK4	26-10	SOL / STR	12.5	2	N/A	600	30	B, C	2,(105),4
ZK4-3P	26-10	SOL / STR	12.5	2	N/A	600	30	B, C	2,(105),4
ZK4-4P	26-	SOL / STR	12.5	2	N/A	600	30	B, C	2,(105),4
ZK6	24-8 (1)	STR	12.5	2	N/A	600	50	B, C	2,(105),4
		SOL					30		
ZK6-3P	24-8 (1)	STR	12.5	2	N/A	600	50	B, C	2,(105),4

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		SOL					30		
ZK2.5-SF	26-12	SOL / STR	11	2	N/A	300	16	B, C	2,(105),4
						600	5	D	2,(105),4
ZK2.5-SF-R1	26-12	SOL / STR	11	2	N/A	300 (2)	16	B, C	2,(105),4
						600 (2)	5	D	2,(105),4
ZK2.5-SF-R3	26-12	SOL / STR	11	2	N/A	300 (2)	16	B, C	2,(105),4
						600 (2)	5	D	2,(105),4
ZK2.5-S-R1	26-12	SOL / STR	11	2	N/A	300	20	B, C	2,(105),4
						600	5	D	2,(105),4
ZK2.5-SP	26-12	SOL / STR	11	2	N/A	300	18	B, C	2,(105),4
						600	5	D	2,(105),4
ZK2.5-S	26-12	SOL / STR	11	2	N/A	300	20	B, C	2,(105),4
						600	5	D	2,(105),4
ZK10	20-6	STR	15	2	N/A	600	55	B, C	2,(105),4
	20-10	SOL					30		
ZK10-3P	20-6	STR	15	2	N/A	600	56	B, C	2,(105),4
	20-10	SOL					30		
ZK10-3P	20-6	STR	15	2	N/A	1000	56	E	2,(105),4
	20-10	SOL					30		
ZK16	20-4	STR	15	2	N/A	600	75	B, C	2,(105),4
	20-10	SOL					30		
ZK16-3P	20-4	STR	15	2	N/A	600	75	B, C	2,(105),4
	20-10	SOL					30		
ZK16-3P	20-4	STR	15	2	N/A	1000	75	E	2,(105),4
	20-10	SOL					30		
ZK10-PE, ZK10-PE-3P	20-6(1)	SOL/STR	15	2	N/A	N/A	N/A	B, C	2,(105),4
ZK16-PE, ZK16-PE-3P	20-4(1)	SOL/STR	15	2	N/A	N/A	N/A	B, C	2,(105),4
ZK6-PE, ZK6- PE-3P	24-8(1)	SOL/STR	12.5	2	N/A	N/A	N/A	B, C	2,(105),4
ZK2.5-PE, ZK2.5-PE-3P, ZK2.5-PE-4P	26-12	SOL/STR	11	2	N/A	N/A	N/A	B, C	2,(105),4
ZK4-PE, ZK4- PE-3P, ZK4- PE-4P	26-10	SOL/STR	12.5	2	N/A	N/A	N/A	B, C	2,(105),4

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20150413-E60645  
**Report Reference** E60645-20130524  
**Issue Date** 2015-April-13

Cat. No.	Wire Range kcmil/AWG  Line,  Load	Overcurrent Protection Fuse Required Class/Max Amp Rating						Torque [Nm]	SCCR, RMS Sym A  (single phase only)	Volts Max  AC
		RK1	RK5	J	T	G	CC			
ZK2.5, ZK2.5-3P, ZK2.5-4P	14-12 AWG STR/SOL	100	30	110	110	60	30	N/A	100000	600
ZK4,  ZK4-3P, ZK4-4P	10 AWG STR	100	60	175	175	60	30	N/A	100000	600
	10AWG SOL									
ZK6,  ZK6-3P	10-8 AWG STR	200	100	250	250	60	30	N/A	100000	600
	10AWG SOL									
ZK10	10-6 AWG STR	200	100	250	250	60	30	N/A	100000	600
	10AWG SOL									
ZK16	10-4 AWG STR	200	100	250	250	60	30	N/A	100000	600
	10AWG SOL									
ZK10-3P	10-6 AWG STR	200	100	250	250	60	30	N/A	100000	600
	10AWG SOL									
ZK16-3P	10-4 AWG STR	200	100	250	250	60	30	N/A	100000	600
	10AWG SOL									

\*For SCCR ratings, enclosure size employed for tests is 80 x 130 x 100 mm for Cat. Nos. ZK2.5, ZK2.5-3P, ZK2.5-4P, ZK4, ZK4-3P, ZK4-4P, ZK6, ZK6-3P, ZK10, ZK10-3P, ZK16 and ZK16-3P

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20161128-E60645  
**Report Reference** E60645-20131031  
**Issue Date** 2016-NOVEMBER-28

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


## Models:

Spring type Terminal Blocks: Series ZK:

Cat. No(s). ZK followed by 2.5 may be followed by -D1, -D2, -D2-PE (upper terminal only), -T1, -T3, -L-L-PE (upper and middle terminals only), -L-N-PE (upper and middle terminals only) followed by BL, OR, YL, GN, RD, PR, BR, WH, BK or blank.

Terminal Blocks Series ZK, Cat. Nos. ZK followed by 2.5, followed by D-CH-UD, D-CH-DU, -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.

Protective Conductor Terminal Blocks, Series ZK: Cat. No(s). ZK2.5-D1-PE, ZK2.5-D2-PE (lower terminal only), ZK2.5-T1-PE, ZK2.5-L-L-PE (lower terminal only), ZK2.5-L-N-PE (lower terminal only).



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# CERTIFICATE OF COMPLIANCE

Certificate Number 20161128-E60645  
Report Reference E60645-20131031  
Issue Date 2016-NOVEMBER-28

Ratings:

Cat. No.	Wire Range AWG	Wire Type, Cu	F W	Torque [N·m]	Voltage V ac	Current A	UG	CA
ZK2.5-D1, ZK2.5-D-CH-UD, ZK2.5-D-CH-DU	26-12	SOL/ST R	2	N/A	600	20	B,C	2,(105),4
ZK2.5-D2	26-12	SOL/ST R	2	N/A	600	20	B,C	2,(105),4
ZK2.5—D1-PE	26-12	SOL/ST R	2	N/A	N/A	N/A	B,C	2,(105),4
ZK2.5—D2-PE (upper terminals)	26-12	SOL/ST R	2	N/A	600	20	B,C	2,(105),4
ZK2.5—D2-PE (lower terminals)#	26-12	SOL/ST R	2	N/A	N/A	N/A	B,C	2,(105),4
ZK2.5-D-CH2-UD, ZK2.5-D-CH2-DU, ZK2.5-D-CH2-DU-LR, ZK2.5-D-CH2-DU-RL	26-12	SOL/ST R	2	N/A	600	1	B,C	2,(105),4
ZK2.5-T1, ZK2.5-T3	26-12	SOL/ST R	2	N/A	300	20	B,C	2,(105),4
					600	5	D	
ZK2.5-L-L-PE, ZK2.5-L-N-PE (upper and middle terminals)	26-12	SOL/ST R	2	N/A	300	20	B,C	2,(105),4
					600	5	D	
ZK2.5-L-L-PE, ZK2.5-L-N-PE (lower terminals)#	26-12	SOL/ST R	2	N/A	N/A	N/A	B,C	2,(105),4
ZK2.5-T1-PE	26-12	SOL/ST R	2	N/A	N/A	N/A	B,C	2,(105),4

Note # - Only the lower tiers employed in these devices are approved as Protective Conductor Terminal Blocks.

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The terminal blocks tabulated below have optional single-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.	Wire Range kcmil/AWG Line, Load	Overcurrent Protection Fuse Required Class/Max Amp Rating						Torque [Nm]	SCCR, RMS Sym A  (single phase only)	Volts Max AC
		RK1	RK5	J	T	G	CC			
ZK2.5-D1, ZK2.5-D2	14-12 AWG STR/SOL	100	30	110	110	60	30	N/A	100000	600

For SCCR ratings, enclosure size employed for tests is 80 x 130 x 100 mm for Cat. Nos. ZK2.5-D1 and ZK2.5-D2.



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