

CERTIFICATE OF COMPLIANCE

Certificate Number E60645
Report Reference E60645-2013-10-31
Date 2022-September-28

Issued to: Tyco Electronics France SAS
3 rue Jean Perrin
Chassieu 69680 FR

**This is to certify that
representative samples of**

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.

Standard(s) for Safety: UL 1059 and CAN/CSA C22.2 No. 158, Terminal Blocks

Additional Information: See the UL Online Certifications Directory 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.



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 -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 4, followed by D1, D2, ZK4-D2-PE (upper terminal 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).

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



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DESCRIPTION

PRODUCT COVERED:

USR and CNR Recognized Component - 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.

USR and CNR Recognized Component - 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.

USR and CNR Recognized Component - 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.

USR, CNR Recognized Component - 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).

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

GENERAL CHARACTER AND USE:

The terminal blocks covered by this Report are intended for use in the following applications and within the ratings specified.

RATINGS:

Application -

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

General industrial (such as motor controllers, pushbutton stations, etc.

Terminal Type -

Front	Back
Push-In Type (Wire Secured by Spring Type Action)	Push-In Type (Wire Secured by Spring Type Action)

Type Wiring - Factory and Field wiring.

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/STR	2	N/A	600	20	B,C	2, (105), 4
ZK2.5-D2	26-12	SOL/STR	2	N/A	600	20	B,C	2, (105), 4
ZK2.5-D1-PE	26-12	SOL/STR	2	N/A	N/A	N/A	B,C	2, (105), 4
ZK2.5-D2-PE (upper terminals)	26-12	SOL/STR	2	N/A	600	20	B,C	2, (105), 4
ZK2.5-D2-PE (lower terminals) #	26-12	SOL/STR	2	N/A	N/A	N/A	B,C	2, (105), 4
ZK4-D1	26-10	SOL/STR	2	N/A	300	30	B,C	2, (105), 4
					600	5	D	
ZK4-D2	26-10	SOL/STR	2	N/A	300	29	B,C	2, (105), 4
					600	5	D	
ZK4-D2-PE (upper terminal)	26-10	SOL/STR	2	N/A	300	29	B,C	2, (105), 4
					600	5	D	
ZK4-D2-PE (lower terminal) #	26-10	SOL/STR	2	N/A	N/A	N/A	B,C	2, (105), 4
ZK4-D1-PE	26-10	SOL/STR	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/STR	2	N/A	600	1	B,C	2, (105), 4
ZK2.5-T1, ZK2.5-T3	26-12	SOL/STR	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/STR	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/STR	2	N/A	N/A	N/A	B,C	2, (105), 4
ZK2.5-T1-PE	26-12	SOL/STR	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.

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
ZK4-D1, ZK4-D2*	14-10 AWG STR/SOL	60	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.

* The SCCR test is performed between the upper level of the first terminal block connected in series with the lower level of the second terminal block for Cat. ZK4-D2.

See the following configuration:

