CERTIFICATE OF COMPLIANCE

Certificate Number	20190731-E45172
Report Reference	E45172-20050307
Issue Date	2019-JULY-31
Issued to:	WAGO Kontakttechnik GmbH & Co. KG Hansastrasse 27 32423 Minden GERMANY
This certificate confirms that representative samples of	COMPONENT - TERMINAL BLOCKS REFER ADDENDUM PAGE FOR MODELS
	Have been investigated 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:	Terminal Blocks, UL1059 & CSA-C22.2 No. 158
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure 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.

USR Recognized Component - Terminal Blocks, Series 2004 followed by –1201 thru –1209 or –1301 thru –1309 or –1401 thru –1409 or 501 or 511.

CNR Recognized Component - Terminal Blocks, Series 2004 followed by –1201 thru –1209, –1301 thru –1309 or –1401 thru –1409.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

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File E45172
Project 05CA06105

Issued: March, 7 2005
Revised: January 23, 2013

REPORT

on

COMPONENT - TERMINAL BLOCKS

Wago Kontakttechnik GmbH **& Co. KG**
Minden, Germany

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DESCRIPTION

PRODUCT COVERED:

USR **Recognized** Component - Terminal Blocks, Series 2004 followed by –1201 thru –1209 or –1301 thru –1309 or –1401 thru –1409 or 501 or 511.

CNR Recognized Component - Terminal Blocks, Series 2004 followed by –1201 thru –1209, –1301 thru –1309 or –1401 thru –1409.

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, use group B (such as business and EDP equipment, etc.)

General industrial, use group C (such as motor controllers, pushbutton stations, etc.)

Series	Wire Range AWG	Wire Type, Cu	FW (A)	Voltage, V	Current, A	UG
2004(B)	20-10	SOL/STR	2	600	30	B, C
2004-501, 2004-511 (C)	20-10	SOL/STR	2	300	30	B, C

Note A, FW - These terminal blocks are rated for: Code 1, factory wiring only, or Code 2, both factory and field wiring.

Note B, Cat nos. 2004-1207, -1307 and –1407, have been evaluated as protective conductor terminal blocks. No ampere or voltages ratings are assigned for these devises.

Note C, Cat nos. 2004-501 & 2004-511 rated for 600V only with spacer module 2004-549.

Terminal Type -

Front	Back
Spring Force	Spring Force

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MODEL NOMENCLATURE:

Example: 2004 (A) -13 (B) 01 (C)

A - Basic Construction

B – Number of wire terminations
- -12 – 2 wire terminations
- -13 – 3 wire terminations
- -14 – 4 wire terminations
- -5 – 1 wire plug

C – Color Code
- 01 – Gray
- 02 – Orange
- 03 - Red
- 04 - Blue
- 05 - Black
- 06 – Yellow
- 07 - Green / Yellow (indicating PCTB)
- 08 - White
- 09 – Light Gray

Additional suffixes for 2004-1X01:
- **/000-014 – Brown**
- **/000-015 – Gentian-blue**

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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 Fuse Required Class/Max Amp Rating						SCCR, RMS Sym, kA	Volts Max
	Line	Load	J	T	RK1	RK5	G	CC		
***2004-12xx, 2004-13xx, 2004-14xx,**	14-10 AWG	14-10 AWG	60	60	30	-	50	30	100	600

Cat. No.	Suitable Conductors kcmil/AWG		Overcurrent Protection Circuit Breaker Required			SCCR, RMS Sym, kA	Volts Max
	Line	Load	Mfr	Type	Max Amp		
***2004-12xx, 2004-13xx, 2004-14xx,**	14-10 AWG	14-10 AWG	Mitsubishi	NF50-SRU	30	35	240

Cat. No.	**Suitable Conductors kcmil/AWG**		**Overcurrent Protection Circuit Breaker Required**			**SCCR, RMS Sym, kA**	**Volts Max**
	Line	**Load**	**Mfr**	**Type**	**Max Amp**		
2004-12xx, 2004-13xx, 2004-14xx,	**10-14**	**10-14**	**Allen Bradley**	**140M-C2E-xxx 140M-D8E-xxx 140M-F8E-xxx**	**32**	**65**	**480**

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TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Products designated USR have been investigated using requirements contained in UL 1059, the Standard for Terminal Blocks.

Products designated CNR have been investigated using requirements contained in Canadian Standard CSA C22.2 No. 158, Terminal Blocks.

Conditions of Acceptability –

1. The mounting suitability shall be evaluated in the end use application.

2. For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

3. The insulating bodies are molded of polymeric materials. Refer to Section General, for manufacture and type. The use of these materials shall be judged in the end use application.

4. The field wiring terminals 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.

5. These terminals are suitable for copper conductors only.

6. Cat. No. 2004-1207, -1307 and -1407, have been evaluated as Protective Conductor Terminal Block, the use of these terminals shall be evaluated in the end use equipment.

7. Cat No. 2004-501 & 2004-511 rated for 600V only with spacer module 2001-549.

8. The terminal block short-circuit rating on Cat. Nos. 2004-1201, 2004-1204, 2004-1202, 2004-1207, 2004-1301, 2004-1304, 2004-1302, 2004-1307, 2004-1401, 2004-1404, 2004-1402, 2004-1407 were determined based on testing in a minimum size enclosure measuring 12 by 10 by 8.25 inches. The suitability of smaller enclosures shall be determined in the end-use investigation.

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