

File E60678
Project 12CA60758

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REPORT

on

COMPONENT - TERMINAL BLOCKS

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BAMBERG, GERMANY

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DESCRIPTION

PRODUCT COVERED:

USR - Recognized Component - Terminal Blocks, Series Selos WT, followed by 2.5, 6, 10, or 16, may be followed by BLUE.

USR - Recognized Component - Terminal Blocks, Series Selos WT, followed by 4, may be followed by BLUE, D1/2, D1/2 BLUE, D2/2, D2/2 BLUE, E, EVB, TKM, or TKM BLUE.

USR - Recognized Component - Protective Conductor Terminal Blocks (PCTB), Series Selos WT, followed by 2.5, 6, 10, or 16, followed by PE.

USR - Recognized Component - Protective Conductor Terminal Blocks (PCTB), Series Selos WT, followed by 4, may be followed by PE, D1/2/PE, D2/2/PE, or E/PE.

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

Terminal Type -

Line	Load
Pressure Wire Connector	Pressure Wire Connector

Type Wiring - Factory and Field wiring

Part No.	Wire Range, mm ² (AWG)	Wire Type, [Cu] [Al] [CU/AL]	FW	Torque, N·m	Voltage V	Current A	UG	CA
* WT 2.5, WT 2.5 BLUE	0.5 - 4.0 (26 - 12) Sol/Str	CU	2	0.4	600	20	C	2 (115) , 4
	2x26-2x16 sol/str.	CU	2	0.4	600	10	C	2 (115) , 4
* WT 2.5 PE	0.5 - 4.0 (26 - 12) Sol/Str	CU	2	0.4	-	-	C	2 (115) , 4
	2x26-2x16 sol/str.	CU	2	0.4	-	-	C	2 (115) , 4

RATINGS (continued):

WT 4, WT 4 BLUE WT 4 D1/2, WT 4 D1/2 BLUE WT 4 D2/2 WT 4 D2/2 BLUE	0.5 - 6.0 (26 - 10) Sol/Str	CU	2	0.5	600	30	C	2 (115), 4
	2x26-2x14 sol/str	CU	2	0.5	600	15	C	2 (115), 4
WT 4 TKM, WT 4 TKM BLUE	0.5 - 6.0 (26 - 10) Sol/Str	CU	2	0.5	300	16	C	2 (115), 4
	2x26-2x14 sol/str	CU	2	0.5	600	15	C	2 (115), 4
*WT 4 E/VB, WT 4 E	0.5 - 6.0 (26 - 10) Sol/Str	CU	2	0.5	+300	30	C	2 (115), 4
	2x26-2x14 sol/str	CU	2	0.5	600	15	C	2 (115), 4
WT 4 PE, WT 4 D1/2/PE WT 4 D2/2/PE, WT 4E/PE,	0.5 - 6.0 (26 - 10) Sol/Str	CU	2	0.5	-	-	C	2 (115), 4
	2x26-2x14 sol/str	CU	2	0.5	-	-	C	2 (115), 4
WT 6 WT 6 BLUE	0.5 - 10.0 (24 - 8) Sol/Str	CU	2	1.2	600	50	C	2 (115), 4
	2x24-2x12 sol/str	CU	2	1.2	600	20	C	2 (115), 4
WT 6 PE	0.5 - 10.0 (24 - 8) Sol/Str	CU	2	1.2	-	-	C	2 (115), 4
	2x24-2x12 sol/str	CU	2	1.2	-	-	C	2 (115), 4
WT 10 WT 10 BLUE	1.5 - 16.0 (20 - 6) Sol/Str	CU	2	1.2	600	65	C	2 (115), 4
	2x16-2x10 sol/str	CU	2	1.2	600	30	C	2 (115), 4
WT 10 PE	1.5 - 16.0 (20 - 6) Sol/Str	CU	2	1.2	-	-		2 (115), 4
	2x16-2x10 sol/str	CU	2	1.2	-	-		2 (115), 4
WT 16 WT 16 BLUE	1.5 - 25.0 (12 - 4) Sol/Str (16-14 solid only)	CU	2	2.0	600	85	C	2 (115), 4
	2x14-2x8 sol/str	CU	2	2.0	600	50	C	2 (115), 4
WT 16 PE	1.5 - 25.0 (12 - 4) Sol/Str (16-14 solid only)	CU	2	2.0	-	-	C	2 (115), 4
	2x14-2x8 sol/str	CU	2	2.0	-	-	C	2 (115), 4

+A rating of 600V may be used applied only if an end barrier (end plate or partition plate) is used.

RATINGS (continued):

Strip length -

WT 2,5 - 9 mm
WT 4 - 9 mm
WT 6 - 11 mm
WT 10 - 13 mm
WT 16 - 15 mm

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

*Products designated USR have been investigated using **United States Standard** requirements **referenced in the Test Record**.

Conditions of Acceptability -

For use only in (or with) complete equipment where the acceptability of the combination is determined by UL LLC.

1. The insulating bodies are molded of polymeric materials, as specified in the following tabulation. The suitability of these materials shall be determined in the end use application.

Part No.	Material Manufacturer Name and Grade Designation	Base material Temperature Rating, °C
WT Series		115
WT Series		115

2. 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.
3. The tightening torque for field wiring pressure wire connector terminals is recorded in the Ratings section of this Report. This torque value should be marked on the end-use product for those categories that require torque markings for field-terminated conductors.
4. These terminal blocks are intended to be mounted to a din rail. Suitability of the din rail is to be judged in the end use application.
5. Series numbers with suffix PE are grounding type terminal blocks.
6. Protective conductor terminal blocks (PCTB), Part No. WT 10 PE and WT 16 PE were tested on a steel symmetric DIN 3 rail, Type U, measuring (Wide(max) x Drop x Thickness) 35 by 15 by 1.5 mm, and conforming to IEC 60715. Use of an alternate DIN rail shall be determined in the end product.