

## DESCRIPTION

## PRODUCT COVERED:

USR: Component Terminal Blocks, W Series, type and specific catalog numbers tabulated below in Table A. All catalog numbers may be followed by Suffix Numbers .0, .1, .3, .5, .6, .8 or .9.

\* CNR: Component Terminal Blocks, WDU 4 N, WDK 2.5/PE and WDK 2.5/BU-PE.

USR: Terminal Block Accessories, Type WQV2.5, WQV4, WQV6 and WQV10.

## GENERAL:

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

USR - Indicates investigation to United States Standard, UL 1059, Fourth Edition.

CNR - Indicates investigation to Canadian National Standard C22.2 No. 158-1987.

Types WDU2.5 through WDU35, WKD2.5 and WDK2.5V employ pressure wire connector type line and load terminals.

Types WDU2.5-FF, WDK2.5FF, and WDK2.5FFV employ quick connects on line and load terminals.

Types WDU2.5F, WDK2.5F, and WDK2.5FV employ quick connects and pressure wire connector terminations.

Types WPE grounding blocks are similar to Types WDU, except with grounding clamp assembly which grounds the line and load terminals to a metal mounting rail.

Types WNT are similar to Type WDU, except with neutral bus terminals on one side.

Type WTR2.5 is similar to Type WDU2.5 except with circuit disconnect means, or fuseholder Type SIHA 1/G20 or SIHA 1/G20/LD, (not for current-rupturing.)

Type WTR2.5D is similar to Type WTR2.5 except with diode socket or solid wire link.

Type WS16 is similar to Type WTR2.5 except with fuse.

Type WS16TR is similar to Type WS16 except with a solid current bar.

Type WSI6E is similar to Type WSI6 except with fuse failure circuit.

Type WDU4SA is similar to Type WDU4 except with an adapter Type WSA2.

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Type WDU4SQ is similar to Type WDU4SA in that they use test Adapter Type WSA2.

Type WDU70 is identical to Type WDU70/3, Type WDU70/4 and Type WDU70/5 except Type WDU70/3 provided with three Type WDU70 assembled together, Type WDU70/4 provided with four Type WDU70 assembled together and Type WDU70/5 provided with five Type WDU70 assembled together. All above devices are modular terminals for direct or rail mount.

Type WDU120 is identical to Type WDU120/3), WDU120/4 and Type WDU120/5 except Type WDU120/3 provided with three Type WDU120 assembled together, Type WDU120/4 provided with four Type WDU120 assembled together and Type WDU120/5 provided with five Type WDU120 assembled together. All above devices are modular terminals for direct or rail mount.

Type WDU2.5ZR (Cat. Nos. 102470, 102475, 102476, 102478 or 102979) are provided with a single pressure wire connector termination on one side and parallel pressure wire connectors terminations on the other. These terminal blocks are for rail mount. The difference in catalog numbers is the color. Cat. No. 102470 represents beige color; Cat. No. 102475 represents blue color; Cat. No. 102476 represents orange color, Cat. No. 102478 represents blue color; Cat. No. 102479 represents yellow color. All materials are composed of Maranyl, Ultramid or Wellamid.

Type WDU1.5ZZ is similar to Type WDU2.5ZR except that it is provided with four pressure wire connectors. It is for use with rail mount TS35.

Type WDT1.5/1 series switch operates in the left and straight up positions which, in turn, breaks the bottom contacts in the left position and provided full current in the straight up position. WDT1.5/2 series switch operates in the right and straight up positions which, in turn, breaks both top and bottom contacts in the right position and provides full current in the straight up position. WDT1.5/3 series switch operates in the left, straight up and right positions which, in turn, breaks the bottom contacts in the left position, provides full current in the straight up position and breaks both top and bottom contacts in the right position. Refer to Ill. 97.

WDT1.5/3 EEXI is identical to WDT1.5/3 except it is blue in color.

WPE1.5ZZ is identical to WPE1.5 and WPE 2.5N except it has four connectors instead of two.

WPE2.5/1.5/ZR has two WPE1.5 connectors and one large connector from WPE2.5.

WFF 35, WFF 70, WFF 120, WFF 185 and WFF 300 are available in beige or blue and may be provided with a cover.

WDT1.5 series are for use with rail mounts TS32 and TS35. Catalog numbers for each rail are stated below.

WDL series terminal blocks are provided with two or four small connectors, with or without a grounding connector or with or without a sliding link assembly.

Types WDU2.5, WDU1.5, WDU 2.5N, WDU4, WDK2.5 and WDK4 insulating body may be provided with a locating hole for automatic assembly.

\* Type WDTR 2.5 are two level feed through terminals provided with Pressure Wire Connectors and Test Sockets. The upper disconnect may be replaced with Fuse Holder SIHA 1/G20 or SIHA 1/G20/LD.

Types WDK2.5/BLZ and WDK2.5/BLZ/32 are two level feed through, pluggable pin terminals on one end and on the other pressure wire connectors.

TS32	TS35
101566, 101546, 101526	101616, 101576, 101600, 101556, 101590, 101580, 101586

WDT1.5 series catalog numbers that end in six are made of nylon. Catalog numbers that end in 0 are made of weimid.

Type WDU 1.5 is identical to Type WDU 2.5N.

Type WPE 1.5 is identical to WPE 2.5N.

Types WPE70 and WPE120 are identical to types WDU70 and WDU120 respectively except provided with grounding means.

Types WTL 4 and WTL 4 STB are provided with pressure wire connector type line and load terminals and with circuit disconnect means (not for current-rupturing.).

Type WTR 4 W/out is the basic WTR 4 version, are provided with pressure wire connector Type Line and Load terminals, for use with fuse holder SIHA 2/G20 or SIHA 2/G20/LD, and rail mount TS35.

Types WTR 4 SL/EN and WTR 4 SL STB/EN are provided with pressure wire connector Type Line and Load terminals, for use with rail mount TS32 and TS35.

Types WTR 4, WTR 4 STB, WTR 4 SL and WTR 4 SL STB are provided with pressure wire connector Type Line and Load terminals, for use with rail mount TS35 and circuit disconnect means (not for current rupturing).

Types WTR 4 SI, WTR 4 SI/SL, WTR SI/LD, and WTR SI SL/LD are provided with pressure wire connector Type Line and Load terminals, and fuse holders SIHA 2/G20 or SIHA 2/G20/LD respectively, for use with rail mount TS35.

\* Types WDU 4 SL/EN, WDU 6 SL/EN and WDU 10 SL/EN are provided with pressure wire connector Type Line and Load terminals, for use with rail mount TS32 and TS35. WDU4 N, WDU 4 SL, WDU 6 SL and WDU 10 SL are for use with rail mount TS35 only.

#### Application -

General Industrial (such as motor controllers, push button stations, etc.);  
Commercial (business equipment, office machines and the like).

#### Type Wiring Termination -

Pressure Wire Connector

TABLE A (CONTD)

Type	#Cat. Nos.	Wire Range AWG Cu.	Max. Amps	Max. Volts Indus.	Commer.	Maximum Torque lb-in.	Minimum Torque
WDU1.5-BLA	10258.0		20000	300000	300	N/A	4.5
WDU1.5LD-BLA	10259.0 10260.0 10261.0 10262.0		20	300000	300	N/A	4.5
WDU.5R-BLA	10263.0 10263.8		20	300000	300	N/A	4.5
WDU4	10201 102510	No. 22-10+	35	600	600	9.0	-
WDU4SA#	10211	No. 22-12	25	300	250	9.0	-
WDU4SQ#	10228 10228.5	No. 22-10	10	300	250	5.3	-
WDU6	10202 102520	No. 20-8	45	600	600	14.2	-
WDU10	10203	No. 16-8	60	600	600	20.4	-
WDU16	10204 102540	No. 14-6	70	600	600	35	-
WDU35	10205 10206 102550	No. 12-2	115	600	600	51	-
WFE2.5	10100	No. 22-12++	+	+	-	7.1	-
WFE4	10101	No. 22-10+	+	+	-	9.0	-
WFE6	10102	No. 20-8	+	+	-	14.2	-
WFE10	10103	No. 16-8	+	+	-	20.4	-
WDU70	10246#	No. 6-2/0	175	600	600	87	-
WDU70/3	10246#	No. 6-2/0	175	600	600	87	-
WDU70/4	10246#	No. 6-2/0	175	600	600	87	-
WDU70/5	10246#	No. 6-2/0	175	600	600	87	-
WDU120	10245#	---@	225	600	600	130	-
WDU120/3	10245#	---@	225	600	600	130	-
WDU120/4	10245#	---@	225	600	600	130	-
WDU120/5	10245#	---@	225	600	600	130	-

TABLE A

Ratings - All devices are suitable for (field-wiring) with solid or stranded copper wires unless otherwise indicated.

Type	Cat. Nos.	Wire Range AWG Cu.	Max. Current, A	Max. Voltage		Max. Torque, lb-in.	Min. Torque, lb-in.
				Industrial	Commercial		
WDK2.5, WDK2.5 E, WDK2.5ZQV	10215.0, -	No. 22-12	20	600	600	7.1	4.5
WDK2.5F	10216.0	Clamp No. 22-12 Tab. No. 22-12	10	300	300	7.1	4.5
WDK2.5FV	10224.0	Clamp No. 22-12 Tab. No. 22-14	10	300	300	7.1	4.5
WDK2.5FF	10217.0	No. 22-14	10	300	300	N/A	N/A
WDK2.5FFV	10225.0	No. 22-14	10	300	300	7.1	4.5
WDK2.5V	10223.0	No. 22-12	20	600	600	7.1	4.5
WDK2.5BLZ	-	No. 22-12 ①	10	300	250	7.1	4.5
WDK2.5BLZ/32	-	No. 22-12 ①	10	300	250	7.1	4.5
WDK2.5 DUPE	-	No. 22-12 ①	20	300	300	7.1	4.5
WDK2.5 PE	-	No. 22-12 ①	-	-	-	7.1	4.5
WDU2.5	10200.0 102500	No. 22-12 ①, (2) No. 14 sol. (2) No. 14 str. (3) No. 16 sol. (3) No. 16 str. (3) No. 18 sol. (3) No. 18 str. (3) No. 20 sol. (3) No. 20 str. (3) No. 22 sol. (3) No. 22 str.	25 ②	600	600	7.1	4.5
WQV2.5	-	-	25 ②	600	600	-	-
WDU2.5F	10216.0	Clamp No. 22-12 Tab. No. 22-14	16	300	250	7.1	4.5
WDU2.5FF	10219.0	No. 22-14	16	300	250	N/A	N/A
WDU2.5ZR	10247 10275 10276 10278 10279	Line: No. 22-12 ① Load per terminal: No. 22-14 ②	20 10 per each terminal	300 300	300 300	5 5	- -
WDU1.5,		No. 22-12 ①	30 ③	300 ④	300	N/A	4.5
WDU2.5N		No. 22-12	20	300+	300	N/A	4.5
WDU2.5N/600UL	-	No. 22-12 ①	25	600	600	7	4.5

TABLE A (CONTD)

Type	Cat. Nos.	Wire Range, AWG Cu.	Max. Amps, A	Max. Voltage		Maximum Torque, lb-in.	Minimum Torque, lb-in.
				Industrial I	Commercial		
WDU1.5-BLA	-		20 ●●	300 ●●	300	N/A	4.5
WDU1.5LD-	-		20	300 ●	300	N/A	4.5
BLA	-						
WDU1.5R-BLA	-		20	300●	300	N/A	4.5
WDU1.5/BLZ 5.0B	-	No. 22-12 ●	20 ●	300●	300	N/A	4.5
WDU1.5/BLZ 5.0B/LD	-	No. 22-12 ●	20 ●	300 ●	300	N/A	4.5
WDU1.5/BLZ 5.0B/R	-	No. 22-12 ●	20 ●	300 ●	300	N/A	4.5
WDU4	-	No. 22-10 ●, (2)No. 14 sol., (2)No. 14 str., (3)No. 16 sol., (3)No. 16 str., (3)No. 18 sol., (3)No. 18 str., (3)No. 20 sol., (3)No. 20 str.	35	600	600	9.0	-
WDU 4 N	-	No. 26-10	10	300+	300	4.5	4.5
WQV4	-	-	35	600	600	-	-
WDU4SA ●	-	No. 22-12	25	300	250	9.0	-
WDU4SQ ●	-						
WDU4 SL or SL/EN	-	No. 22-10	30	600	-	-	4.5
*WDU6	-	No. 20-8	50	600	600	14.2	-
*WDU6	-	(2)No. 12 sol., (2)No. 12 str., (3)No. 14 sol., (3)No. 14 str., (3)No. 16 sol., (3)No. 16 str., (3)No. 18 sol., (3)No. 18 str.	45	600	600	14.2	-
WQV6	-	-	45	600	600	-	-
*WDU6 SL or SL/EN	-	No. 20-8	50	150+	-	-	7.2
WDU10	-	No. 18-6 sol/str No. 20 sol. only	65	600	600	20.4	-
WQV10	-	-	65	600	600	-	-
WDU10 SL or SL/EN	-	No. 16-8	50	150+	-	-	10.8
WDU10 ZR●	-	No. 16-6	65	600	-	10.8	10.8
WPE10 ZR●	-	No. 16-6	▲	-	-	10.8	10.8
WDU16	-	No. 14-4	80	600	600	35	-
WDU16N	-	No. 14-6	70	300	300	35	-
WDU16N	-	No. 14-6	70	600	600	21.6	-
WDU35, WDU35N	-	No. 12-1	125	1000◆	1000◆	51	-
WPE1.5, WPE 2.5N	-	26-12 ● ●	▲	-	-	4.5	-
WPE1.5Z2	-	No. 22-14 ● ●, 26-14 ● ●	▲	-	-	5	-
WPE1.5/R3.5	-	No. 26-10	▲	-	-	2.3	-

TABLE A (CONTD)

Type	Cat. Nos	Wire Range, AWG Cu.	Max. Amps, A	Max. Voltage		Maximum Torque, lb-in.	Minimum Torque, lb-in.
				Industrial	Commercial		
WDT1.5/3	101600 101576 101566	No. 22-14 ③	10	300	250	5	-
WDT1.5/EEXI	101616	No. 22-14 ③	10	300	250	5	-
WDU1.5/ZZ	103140	No. 22-12 ①	25	300	300	4.5	-
WFF 35	—	14-2	115	1000◆	-	39.8	-
WFF 70	—	14-20	175	1000◆	-	88.5	-
WFF 120	—	10-250	310	1000◆	-	132	-
WFF 185	—	9-500	380	1000◆	-	177	-
WFF 300	—	6-600	500	1000◆	-	354	-
WDL 2.5/S	103070 103080 103110 103120 103090 103130 103080	22-12 ①	15	300	300	7	-
WDL 2.5	103010 103020 103000 103040 103030 102980 102990	22-12 ①	15	300	300	7	-
WDL2.5/NT/LPE/SPZ WDL2.5/LPE/SPZ WDL2.5/NA/LPE/SPZ WDL2.5/S/NT/LPE/SPZ WDL2.5/S/L/LPE/SPZ WDL2.5/S/N/LPE/SPZ	103510 103490 103480 103500 103470 103460	22-12 ①	15	300	300	7	-
WTL 6/3 may be followed by 32,35,STB,DU		20-8	45	600	600	14.2	-
WTQ 6/1 WTQ 6/1/32 WTQ 6/1/STB WTQ 6/1/STB/32 WTD 6/1/32 WTD 6/1 WTL 6/1 WTL 6/1/32. WTL 6/1/STB. WTL6/1/STB/32, WTL 6/2, WTL 6/2/32		20-8	45	300	300	14.2	-



Type	#Cat. Nos.	Wire Range AWG Cu.	Max. Amps	Max. Volts Indus.	Commer .	Maximum Torque lb-in.	Minimum Torque
WTQ 6/1/STB/32							
WTQ 6/1/32							
WTQ 6/1							
WTL 6/1							
WTL 6/1/32, WTL 6/1/STB, WTL 6/1/STB/32,							

RC/JM/jm

TABLE A (Con't)

Type	Cat. Nos.	Wire Range, AWG Cu.	Maximum Current, A	Maximum Voltage, V		Maximum Torque, lb-in
				Industrial	Commercial	
WPE16	10104	No. 24-6	▲	-	-	35
WPE16H	---	No. 14-6	▲	-	-	35
WPR35	10105 10126	No. 12-2	●	●	●	51
WNT2.5	10106 10115	No. 22-12 ●	25	600	600	7.1
WNT4	10107 10117	No. 22-10 ●	35	600	600	9.0
WNT6	10108 10119	No. 20-8	45	600	600	14.2
WNT10	10109 10121	No. 16-8	60	600	600	20.4
WTR2.5	10111, 10112, 10128, 10129, 10130, 10131	No. 22-12 ●	10	300	300	7.1
WTR2.5D	10132 through 10137	No. 22-12 ●	10 ●	300	300	7.1
*WTR 2.5/2Z	-	No. 26-12	10	300+	300	4.5
WTR 2.5	-	No. 26-12	10	300	300	4.5
WTR 4 STB, WTR 4 SL STB, WTR 4 SL STB/EN	-	No. 22 - 10	22	600 ●	-	4.5
WTR 4, WTR 4 SL, WTR 4 SL/EN, WTR 4 W/cut	-	No. 22 - 10	22	600 ●	-	9.0
WTR 4 SL, WTR 4 SI/LD, WTR 4 SI/SL, WTR 4 ST SI/LD	-	No. 22 - 10	6.3	300 +	-	9.0
WS16	10110	No. 22-8	10	600	600	14.2
WS16TR	102820	No. 22-8	16	600	600	14.2
WS16/2	10140	No. 22-8	20	600	600	10.6
WS16/2 LED	10141, 10142, 10143, 10144 and 10145	No. 22-8	20			10.6
WS16E	10113, 10122, 10123, 10124, 10127	No. 20-8	10	600	600	14.2
WDO 1.5/R3.5, WOK 1.5/R3.5	-	No. 26-14	15	300	300	4.5
WOK2.5N, WOK2.5N V	-	No. 26-12	20	600	600	3.6
WOK2.5N PE, WOK2.5N DU-PE	-	No. 26-12	▲	-	-	3.6
WOK4N, WOK4N V	-	No. 26-10	35	600	600	4.5
WOK4N PE, WOK4N DU- PE	-	No. 26-10	▲	-	-	4.5
WTL 4, WTL 4 STB	-	No. 26-10	28	300+	300	4.5
WOK2.5PE, WOK2.5 DU-PE	-	22-12●	-	-	-	4.5-7.1

- ① - Suitable for factory-wiring with Nos. 26-12 AWG Cu solid stranded wires.
- ② - Suitable for factory wiring with Nos. 26-14 AWG Cu.
- ③ - Suitable for 600 V Industrial, 5 A.
- ④ - Suitable for factory wiring with Nos. 26-10 AWG Cu solid or stranded wire.
- ⑤ - These connectors are provided with a grounding connection. These connectors have not been evaluated as Protective Conductor Terminal Blocks (PCTB) and do not comply with the applicable grounding requirements. These terminal blocks can not be molded with green and yellow insulating bases.
- ⑥ - Type WDU4SA and WDU4SQ is intended for use with adapter. Type WSA2, located in Vol. 1, Sec. 14, Ills. 52, 53, 54, 55.
- ⑦ - Types WDU120, WDU120/3, WDU120/4 and WDU120/5 are ampere rated terminals.
- ⑧ - Type WTR2.5D may be provided with a plug-in component holder, manufacturer's identification Type WSD, Cat. No. 10586.6. The plug-in component holder is similar to the integral component holder for Type WTR2.5 terminal blocks, shown in Ills. 28 and 29.
- ⑨ - For WDU1.5-BLA, maximum rating of 300 V, 10 A, for secondary terminals.
- \*⑩ - Ratings for WDU 10ZR, M3 Terminal: Wire range 26-10, Torque: 1b-in.4.5, Max Voltage: 600V Industrial, Amps: 30.  
Ratings for WPE 10ZR, M3 Terminal: Wire range 26-10, Torque: 1b-in 4.5.
- Type WDU2.5 current rating is reduced to 23A when provided with jumper WQV2.5.
- ♣ - Has been evaluated for its suitability as a protective conductor terminal block and complies with the applicable grounding requirements for terminals for use in a protective circuit. (Commercial and Industrial Applications). These Models can be provided in green and yellow.
- ◆ - Type has been evaluated for a max. voltage rating of 1000 V and meet the spacings requirements shown in the table on Page 2; the 1000V rating is not considered an industrial or commercial application.
- ♣ - Provided with Combination Heraded Screw.
- + - Industrial devices having limited ratings, max. 300 V and 10 A, or the maximum ampere rating, whichever is less.
- ⊙ - For Industrial General Max. 600 V, by use of Partitionplate types WTW 2.5-10 or WTW, without Partitionplate for Industrial devices having limited ratings, max. 300 V and 10 A.

Spacings - The following minimum spacings in inches (millimeters) shall be maintained between uninsulated live parts of opposite polarity, uninsulated live parts and uninsulated grounded parts other than the enclosure, or exposed metal parts.

Application	Cat. No.	Volts	Through Air In (mm)	Over Surface In (mm)
General Industrial	Reference Table A	151 - 300	1/4 (6.4) ①	3/8 (9.5)
		301 - 600	3/8 (9.5)	1/2 (12.7)
Commercial	Reference Table A	151 - 300	3/32 (2.4) ①	3/32 (2.4) ①
		300 - 600	3/8 (9.5)	1/2 (12.7)
* Industrial Devices Having Limited Ratings	Reference Table A	51 - 300	1/16 (1.6) ①	1/8 (3.2) ①
	WDL 2.5 Types, WTL 6/3	301 - 600	3/16 (4.8) ①	3/8 (9.5)
Non-Voltage Rated Devices	All Type WPE Terminals (reference Conditions of Acceptability)	-	-	-
Terminal Blocks Rated 801-1500 Volts	Reference Table A	601-1000V	0.55 (14.0)	0.85 (21.6)
① - The spacing between wiring terminals of opposite polarity and the spacing between a wiring terminal and a grounded dead-metal part shall not be less than 1/4 in. if short-circuiting or grounding of such terminals may result from projecting strands of wire.				

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE'S USE):

Use - For use only with products where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability -

1. The terminals have been investigated for factory and field-wiring.

\* 2. Insulating bodies are molded of polymeric materials rated a minimum of 105°C.

\* 3. The suitability of the mounting means shall be determined in the end use.

SB/RO/JM/jm

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4. Voltage ratings of WPE Series ground blocks shall be evaluated in the end-use.

5. The acceptability of the insulating materials, including any higher temperature rating, is to be judged with respect to the end-use product temperature.

6. The tightening torque for field-wiring pressure wire connector terminals is recorded in the Ratings section of this Report. This torque value shall be marked on the end-use product for those categories which require torque markings for field terminated conductors.

7. These devices have been investigated for use with copper conductors only.

8. Types WPE are suitable for grounding and bonding.

9. Type WSI6 are fuse terminal blocks for use with 5 by 20 mm or 5 by 25 mm fuses.

10. Type WSI6E are fuse terminal blocks for use with 5 by 20 mm or 5 by 25 mm fuses. WSI6E is provided with fuse failure indicator LED which operates at the following voltage ranges.

<u>Catalog Number</u>	<u>Voltage Range</u>
10113	12 V dc, 24 V ac
10122	20-30 V dc, 40-60 V ac
10123	40-60 V dc, 80-120 V ac
10127	24 V dc
10124	110 V dc, 220 V ac

SB/KB/JM/skw

11. Types WSI6/2 and WSI6/2 LED are fuse terminal blocks for use with 1/4 in. diameter by 1 and 1/4 in. long fuses. Type WSI6/2 LED is provided with fuse failure indicator LED which operates at the following ranges.

Catalog Number	Voltage Range
10141	10-28 V ac, 5-14 V dc
10142	30-60 V ac, 15-30 V dc
10143	30-120 V ac, 40-60 V dc
10144	220 V ac, 110 V dc
10145	24 V ac

12. Type WDU4SA is intended for use with adapter Type WSA2 located in Vol. 1, Sec. 14, Ills. 52, 53, 54 and 55.

13. Types WSI6/2 and WSI6E fuse failure circuit components have not been investigated and shall be evaluated in the end-use.

14. Types WTR2.5, WTR2.5D employ sockets for diodes or solid wire link. The suitability of such components shall be determined in the end-use.

15. Disconnect test plugs for Type WTR2.5 are not for current interrupting.

16. Types WSI6/2, WSI6/2, WDT1.5 series, WTL 4, WTL 4 STB and the WTL 6/1 series have not been investigated disconnecting under load.

17. The acceptability of quick connect tabs shall be judged in the end-use equipment.

18. Types WDU70 and WDU120 have been tested in accordance with the requirements in the Standard, Equipment Wiring Terminals For Use With Aluminum And/Or Copper Conductors, UL 486E.

19. Tests have been conducted on Types WDU120 for a Static Sequence Test using 25C MCM copper stranded wire conductor and a Mechanical Sequence Test using No. 2 AWG copper stranded wire conductor.
20. Types WDU2.5ZR have been tested in accordance with the requirements in the Standard Equipment Wiring Terminals For Use With Aluminum And/Or Copper Conductors, UL 486E. These terminals are ampere rated; single terminal, maximum 20 A; parallel terminal 10 A maximum each.
21. Type WDU10 must be provided with end brackets, WEW 35/2 when using only one terminal.
- \*22. Types WPE2.5, WPE35, WPE70 and WPE120 have not been evaluated as Protective Conductor Terminal Blocks (PCTB) and do not comply with the applicable grounding requirements. These terminal blocks can not be molded with green and yellow insulating bases.
23. Type WFF Series have been tested with copper bus bars based on 1000 A/in.<sup>2</sup>; the suitability of any higher value should be determined in the end use. Also, the suitability of bar terminal with Listed wire connectors crimp-type ring terminal shall be determined in the end-use. They may be provided in either TS32 or TS35 mounting foot. The WFF are suitable for factory wiring only.
24. Type WDU 4 SL/EN, WDU 6 SL/EN, WDU 10 SL/EN, WDU 70 and 120 may be provided in either TS32 or TS35 mounting foot.
25. Type WDL 2.5 terminal blocks, provided with grounding connectors, have not been subjected to the short time test per UL 467 and, therefore, have not been evaluated for their grounding suitability.
26. Type WDL, Cat. Nos. 102980 and 103060 with sliding link assembly are for factory wiring only, and spacings should be evaluated in the end-use product at the sliding link assembly.
27. For Types WDU1.5/BLA/LD, WDU1.5/BLA/R, WDU1.5/BLZ 5.08/LD and WDU1.5/BLZ 5.08/R, the electronic circuitry has not been evaluated; the suitability should be considered in the end-use.
28. Devices employing quick-connect tabs have not been evaluated for tab pull requirements.



29. Types WDK2.5N DU-PE, WDK2.5N PE, WDK4N DU-PE, WDK4N PE, WPE1.5/R3.5, WPE2.5, WPE4, WPE4N, WPE 2.5N, WPE 6, WPE 10 ZR, WPE16 and WPE16N have been evaluated for their suitability as protective conductor terminal blocks and comply with the applicable grounding requirements for terminals for use in a protective circuit. (Commercial and Industrial Applications). These Models can be provided in green and yellow.
30. Types WDK2.5N, WDK2.5N PE, WDK2.5N DU-PE, WDK2.5N V, WDK4N, WDK4N PE, WDK4N DU-PE, WDK4N V, WDU 4 N, WDU 10 ZR, WPE 10 ZR, WTL 4, WTL 4 STB and WTR 2.5/ZZ have been tested in accordance with the requirements in the standard, Equipment Wiring Terminal for Use with Aluminum and/or Copper Conductors, UL 486E.
31. Types SIHA 2/G20 and SIHA 2/G20/LD are fuseholders for use with 5 by 20 mm fuses. The fuseholders are for use with and fits into Terminal Blocks types WTR 4 W/out, WTR 4 SI, WTR 4 SI/SL, WTR 4 SI LD and WTR SI SL/LD. Type SIHA 2/G20/LD is provided with fuse failure indicator LED which operates at the following ranges.

Catalog Number	Voltage Range
953761	10 - 36 V
953762	35 - 70 V
953763	60 - 150 V
953764	140 - 250 V

32. Types SIHA 1/G20 and SIHA 1/G20/LD are fuseholders for use with 5 by 20 mm fuses. The fuseholders are for use with and fits into Terminal Blocks types WTR 2.5 and WTR 2.5. Type SIHA 1/G20/LD is provided with fuse failure indicator LED which operates at the following ranges.

Catalog Number	Voltage Range
953756	10 - 36 V
953757	35 - 70 V
953758	60 - 150 V
953759	140 - 250 V

33. Types WDU6, WDU10 and WDU16N provided with either slot-headed terminal screws or combination headed terminal screws.
34. All types provided with disconnect means or fuseholders, have not been investigated for current-rupturing.
- \*35. TYPE WDK 2.5 PE and WDK 2.5 DU/PE are only suitable for CNR when molded in insulating material "ULTRAMID KR4205, C3U" by BASF.