

DESCRIPTION

PRODUCT COVERED:

USR: Component - Terminal Blocks, Type SS6/32 (Cat. No. 4982.2) and Type SS6/35 (Cat. No. 6498.2). Type KST6, Type KST5, Type KST8, Type KST10, *Type KST12, Type WF 5, WF 6, WF 8, WF 10, WF 12.

USR, CNR: Component Terminals Blocks, Types WF6/2BZ, WF8/2BZ and WF 10/2BZ.

GENERAL:

These devices are modular rail mounted single stand type terminal blocks. These devices are intended for general industrial and commercial applications within the ratings specified.

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

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

ELECTRICAL RATINGS:

Type	Cat. No	Amperes	Volts		Wire Range	Torque (in-lb)
			Commercial	Industrial, General		
SS6/32	4982.2	85	600	600	12-4	26.5
SS6/35	6498.2	85	600	600	12-4	26.5
KST5	-	50	600	600	12-6	2.5-4#
KST6	950131	65	600	600	12-6	2.5-4#
KST8	950132	115	600	600	12-2	6-10#
KST10	950133	175	600	600	12-2/0	12#
KST12	950134	200	600	600	12-3/0	16#
*WF 5	-	85	-	1000	10-4	2#
WF 6	-	115	1000	1000	14-2	27
WF 8	-	150	1000	1000	14-1/0	54
WF 10	-	255	1000	1000	10-250 kcmil	90
WF 12	-	255	1000	1000	10-250 kcmil	90
WF 6/2BZ	-	115	-	1000	2	3#
WF 8/2BZ	-	150	-	1000	1/0	6#
WF 10/2BZ	-	230	-	1000	4/0	10#

- Measured in Newton meters.

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

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

Conditions of Acceptability -

1. The mounting suitability shall be determined in the end use.
2. KST Series: Temperature Test was conducted using Listed wire connectors. The suitability for additional Temperature Tests shall be determined in the end-use device. The insulating material is suitable for 105°C rise. SS6 Series: Temperature Tests should be considered in the end use with the acceptability of the material having a temperature limit of 130°C.
3. Conductors not larger than No. 10 AWG for field wiring, provided that the application of normal clamping action as intended cannot impair.
4. KST Series: Suitable for factory wiring when using Listed wire connectors.
5. KST Series: The suitability of using pressure wire connectors that have not been evaluated should be determined in the end-use device.
6. Spacings shall be determined in the end use.
7. The device should be used within its electrical ratings.
8. Type KST8 needs to be provided with barrier, TW, in order to maintain spacings for commercial appliances and general industrial ratings for 600 V.
9. Types KST5, KST6, KST10, and KST12 may be provided with barrier TW.
10. Type WF6, WF8, WF10, WF12 are for factory wiring only and need to be provided with barrier, WTW, in order to maintain spacings for commercial appliances and general industrial ratings for 1000 V.
11. Types WF6/2BZ, WF8/2BZ and WF 10//2BZ are for factory wiring only and need to be provided with barrier, WTW, in order to maintain spacings for general industrial ratings for 1000 V.
12. Terminal Block, Types WF6/2BZ, WF8/2BZ and WF 10/2BZ can only be used with plastics "Ulramid" KR4205 or "Ulramid" C3U by BASF Corp. Polymers Div for CNR coverage.
- * 13. Type WF 5 are for factory wiring only and need to be provided with barrier, WTW, in order to maintain spacings for general industrial ratings for 1000 V.
- * 14. Series WF only suitable for prepare conductor (Listed ring type terminals or the like).

CONSTRUCTION DETAILS:

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

Application	Voltage	Through Air	Over Surface
Commercial appliances including business equipment, electronic data processing equipment, etc.	600	3/8 (9.5)	1/2 (12.7)
General industrial	600	3/8 (9.5)	1/2 (12.7)
Commercial appliances including business equipment, electronic data processing equipment, etc.	1000	0.55 (14)	0.85 (21.6)
General industrial	1000	0.55 (14)	0.85 (21.6)

Marking - The manufacturer's name or trademark "WEID-MULLER" or "KLIPPON" is molded in the base of the insulating block. The type and catalog number may be provided on the shipping carton. May be provided with the electrical ratings.

- * For C-UR units, the marking shall include the following in addition to the above.
- * 1. The C-UR Mark on the device.
- * 2. Voltage and current rating and wire range shall be provided on the device, shipping carton, or stuffer sheet.

Corrosion Protection - All metal parts are suitably plated to resist corrosion.

Tolerance - Unless otherwise specified, all dimensions are nominal.

- * Insulating Materials - See Sec. Gen. for details. For CNR coverage for Terminal Block, Types WF6/2BZ, WF8/2BZ and WF 10/2BZ can only be used with plastics "Ultramid" KR4205 or "Ultramid" C3U by BASF Corp. Polymers Div.