

DESCRIPTION

PRODUCT COVERED:

USR, CNR Component - Terminal Block Cat. Nos. 2-1546310, followed by 1, 8 or 9; Cat Nos. 3-1546310, followed by single digit from 0-9; Cat. Nos. 2-1546670 followed by a single digit from 7-9; Cat. Nos. 3-1546670, followed by a single digit from 0-3; Cat No. 4-1546670-1 and Cat. No. 1546636-1; Cat Nos. 4-1546306-, followed by a single digit from 1-5.

GENERAL:

The models are varied by their housing dimensions and their terminal types.

ELECTRICAL RATINGS:

Series Device	Wire Range, AWG #1	Tightening Torque, in.-lb	Voltage Rating, V #2	Current Rating, A
1546636-1	-	-	300 (B/D)	30
2-1546310-1	-	-	300 (B/D)	30
2-1546310-8	10-22	14	300 (B/D)	30
2-1546310-9	10-22	14	300 (B/D)	30
3-1546310-0	-	-	300 (B/D)	30
3-1546310-1	10-22	14	300 (B/D)	30
3-1546310-2	10-22	14	300 (B/D)	30
3-1546310-3	10-22	14	300 (B/D)	30
3-1546310-4	10-22	14	300 (B/D)	30
3-1546310-5	10-22	14	300 (B/D)	30
3-1546310-6	10-22	14	300 (B/D)	30
3-1546310-7	-	-	300 (B/D)	30
3-1546310-8	-	-	300 (B/D)	30
3-1546310-9	10-22	14	300 (B/D)	30
2-1546670-7	-	-	300 (B/D)	25
2-1546670-8	-	-	300 (B/D)	25
2-1546670-9	-	-	300 (B/D)	25
3-1546670-0	-	-	300 (B/D)	25
3-1546670-1	-	-	300 (B/D)	25
3-1546670-2	-	-	300 (B/D)	25
3-1546670-3	-	-	300 (B/D)	25
4-1546670-1	-	-	300 (B/D)	25
4-1546306-@	-	-	300 (B/D)	20

@Any single digit from 1-5.

Notes

#1 - Solid copper wire only

#2 - Use Groups

B

Applications

Commercial appliances, including business equipment,
electronic data processing equipment, and the like

D

Industrial - Devices with limited ratings

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

USR - Indicates investigation to United States Standard, UL 1059 the Standard for Terminal Blocks.

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

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

Conditions of Acceptability -

1. The insulating bodies of terminal block models 1546670 are molded of polymeric materials having a maximum temperature rating of 120°C. The 1546310 and 1546636 models are molded of a polymeric material having a maximum temperature rating of 140°C. The use of these materials shall be judged in the end-use application.
2. Models 1546636-1, 2-1546310-1, 2-1546310-8, 2-1546310-9, 3-1546310-7, 3-1546310-8, 2-1546670-7, 2-1546670-8, 2-1546670-9, 3-1546670-0, 3-1546670-1, 3-1546670-2, 3-1546670-3, 4-1546670-1 and 4-1546306-, followed by a single digit from 1-5 covered in this report incorporate quick-connect tabs and have been subjected to the Tab Pull Test from The Standard for Terminal Blocks, UL1059. The suitability of the connections to the quick-connect tabs, including spacings between factory connectors, shall be determined in the end-use applications.
3. Suitability of jumpers provided with models 2-1546670-7, 3-1546670-2, 4-1546670-1 and 3-1546670-3 shall be determined in the end product.
4. The field wiring terminals for models 2-1546310-8, 2-1546310-9, 3-1546310-1, 3-1546310-2, 3-1546310-3, 3-1546310-4, 3-1546310-5, 3-1546310-6 and 3-1546310-9 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. The tightening torque for models incorporating field wiring 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.