

## DESCRIPTION

## PRODUCT COVERED:

**USR, CNR - Component - Terminal Blocks, Cat. Nos. 1811495-6 and 1811494-4.**

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## 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 (such as business and EDP equipment, etc.)

Industrial control devices having limited ratings (see note A under Ratings).

## Terminal Type -

|                            |                                       |
|----------------------------|---------------------------------------|
| Front                      | Back                                  |
| No 6-32 Wire Binding Screw | Quick Connect Tabs (Size .250 x .032) |

Type Wiring - Stranded Conductors - Factory wiring only  
Solid Conductors - Factory and Field wiring

| Cat. No.                       | Wire Range<br>AWG/kcmil | Wire Type | FW       | Torque,<br>in-lbs | Voltage,<br>V | Current,<br>A | UG         | CA                   |
|--------------------------------|-------------------------|-----------|----------|-------------------|---------------|---------------|------------|----------------------|
| 1811495-6<br>1811494-4         | 16-22,<br>SOL           | Cu        | 2        | 12                | 150           | 10            | B,D        | 2 (130),<br>3 (6-32) |
| <b>1811495-6<br/>1811494-4</b> | <b>16-22,<br/>STR</b>   | <b>Cu</b> | <b>1</b> | <b>-</b>          | <b>150</b>    | <b>10</b>     | <b>B,D</b> | <b>2 (130), 5</b>    |

Note A - These limited ratings are applicable to a terminal block for use in or with industrial control equipment whereby the load on any single circuit of the terminal block does not exceed 15 A at 51-150 V, 10 A at 151-300 V, or 5 A at 301-600 V, or the maximum ampere rating, whichever is less.

## TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE 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 CSA C22.2 No 158, The Canadian Standard for Terminal Blocks.**

## Conditions of Acceptability -

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

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

| Model No.               | Material manufacturer name and grade designation           | Base material temperature rating, °C |
|-------------------------|--|--------------------------------------|
| 1811495-6,<br>1811494-4 | A63 V0GV(c) manufactured by Frisetta Polymer GMBH (E86034) | 130                                  |

2. These terminal blocks use a No. 6-32 wire binding screw. The suitability of this size screw shall be considered during the end-use product investigation.

3. These terminal blocks are intended for Factory Wiring Only when using prepared conductors. The suitability of the connection (including spacings between factory connectors) shall be determined in the end use.

4. The suitability of the connections to the quick-connect tabs shall be determined in the end-use applications.

5. 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.

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