



File E45172
Project 03CA43026

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REPORT

on

COMPONENT - TERMINAL BLOCKS

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DESCRIPTION

PRODUCT COVERED:

USR Component - Terminal Blocks, Series 862 with additional suffixes, see nomenclature for details.

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, use group B (such as business and EDP equipment, etc.

General industrial, use group C (such as motor controllers, pushbutton stations, etc.

Industrial control devices having limited ratings, use group D (see note A under Ratings).

Terminal Type -

Front	Back
Push-In Type (Wire Secured by Spring Type Action)	Push-In Type (Wire Secured by Spring Type Action)

Type Wiring - Factory and Field wiring

Series	Wire Range AWG	Wire Type, Cu	Voltage, V	Current, A	UG (A)
862	20-12	SOL/STR	300	20	B, C
862	20-12	SOL/STR	600	5	D

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.

MODEL NOMENCLATURE:

Example: $\frac{862}{A}$ $\frac{0}{B}$ $\frac{5}{C}$ $\frac{0}{D}$ $\frac{5}{E}$ $\frac{/0}{F}$ $\frac{0}{G}$ $\frac{00}{H}$ $\frac{-00}{I}$ $\frac{00}{J}$

A - Basic Construction

B - Terminal Marking

0 thru 9 - Specific Pole Marking, e.g. PE, N, L1, L2, L3

C - Color Code

5 - Black

6 - White

7 - Gray

D - Mounting Means

0 thru 9 - Mounting Means e.g. Press In mounting means

E - Number of Poles

2 thru 5 - 2 poles thru 5 poles

F - Conductor Introduction Type

/0 - Standard Type

/1 thru /9 - Customizes

G - Different Kind of Ground Connection

0 - Without Grounding

3 - With 'Feed Through' Connection

H - Additional Variation of Pole Marking

00 - Standard Color

01 thru 99 - Customizes

I - Different Color of Push Buttons

-00 - Standard Color

-01 thru 99 - Customizes

J - Additional Color of Housing

00 - Standard Color

01 thru 99 - Customizes