

File E45172  
Project 11CA21398

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REPORT

on

COMPONENT - Terminal Blocks

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Minden, Germany

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## DESCRIPTION

## PRODUCT COVERED:

USR Recognized Component - Terminal Blocks Cat. Nos. 885 followed by -1 or -3, followed by 06, 08, 10, or 12.

## 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.)

General industrial (such as motor controllers, pushbutton stations, etc).

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

Terminal Type -

Front	Back
Stud and Nut	Stud and Nut

Type Wiring - Factory and Field wiring

Ratings -

Cat. No.	Wire Range AWG/kcmi 1 Sol/Str	Wire Type	FW	Torque in-lbs (Nm)	Voltage V	Current A	UG	CA
885-0106	14-2	CU	2	26.5- 53.1 (3-6)	600	115	B,C E	2 (120), 4
885-0306	14-2	CU	2	26.5- 53.1 (3-6)	600	115	B,C E	2 (120), 4
885-0108	14-1/0	CU	2	53.1- 106.2 (6-12)	600	150	B,C E	2 (120), 4
885-0308	14-1/0	CU	2	53.1- 106.2 (6-12)	600	150	B,C E	2 (120), 4
885-0110	10-250	CU	2	88.5-177 (10-20)	600	255	B,C E	2 (120), 4
885-0310	10-250	CU	2	88.5-177 (10-20)	600	255	B,C E	2 (120), 4
*885-0112	10-250	CU	2	123.9- 274.4 (14-31)	600	255	B,C E	2 (120), 4

## NOMENCLATURE:

Example:

885	-01	06
A	B	C

A - Series Number: 885

B - Number of Stud Terminals  
-01 - One  
-03 - ThreeC - Stud Size  
06 - M6  
08 - M8  
10 - M10  
12 - M12

## TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Products designated USR have been investigated using requirements contained in UL 1059, the 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 stud and nut terminals are intended for use with pre-terminated conductors. The suitability of the terminals (including spacings between adjacent poles, and from terminals to grounded and/or dead metal parts) shall be determined in the end use.

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

3. Accessories: The manufacturer may provide optional end spacer plates (separators) to provide required spacings in the end-use equipment. The suitability of these spacers shall be judged in the end-use.

## MARKING:

The marking of a terminal block shall include:

The Recognized Company name or trademark, on the terminal block.

1. The catalog numbers which may be marked on the terminal block, shipping carton, or stuffer sheet placed in the shipping carton.

2. Optional wire range, tightening torque, ampere and voltage.

## CONSTRUCTION DETAILS:

The product shall be constructed in accordance with the following description.

Corrosion Protection - All parts are of corrosion resistant material or suitably plated to resist corrosion.

Spacings - The following minimum spacings in millimeters (inches) shall be maintained between uninsulated live parts of opposite polarity; and between an uninsulated live part and a grounded part including any mounting surface or exposed metal part.

Cat. No.	Max. Voltage	Through Air Inch (mm)	Over Surface Inch (mm)
All	1000	0.55 (14.0)	0.85 (21.6)