

General Characteristics

Products are available both in **metric** and in **imperial** pitches and are divided into three dimensional classes:

- LOW **(L)** Wire section up to 1.5 mm²
- MEDIUM **(M)** Wire section up to 2.5 mm²
- HIGH **(H)** Wire section up to 6.0 mm²

All 9000 Series are compliant to UL, CSA, VDE, and CE Standards. 

Available with Side Stackable, Modular and Polarized versions.

100% functional testing of the products in order to ensure a defect free, controlled and guaranteed product.

FEATURES OF ALL 9000 SERIES

- V-0 self-extinguishing plastic – according to UL 94, chlorinated solvents resistant, and no phosphorous, dioxin or detrimental to health halogens.
- High temperature un-deformable plastic housing, allowing to pass the Heat Resistance Test at 347°F (175°C) according to IEC 998-1 and suitable to be used at temperatures up to 311°F (155°C).

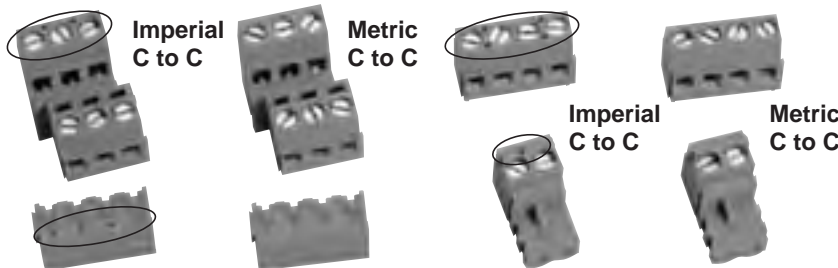
- Metallic components made exclusively of copper (non-ferrous) alloys, with leadfree surface tin-plating.
- Wire clamping system made from a copper alloy monolithic clamp machines from a solid bar and then nickel-plated.



- Double captive screw system prevents any screw loss.
- Funnel shaped cable entry to obtain an easier and secure connection.

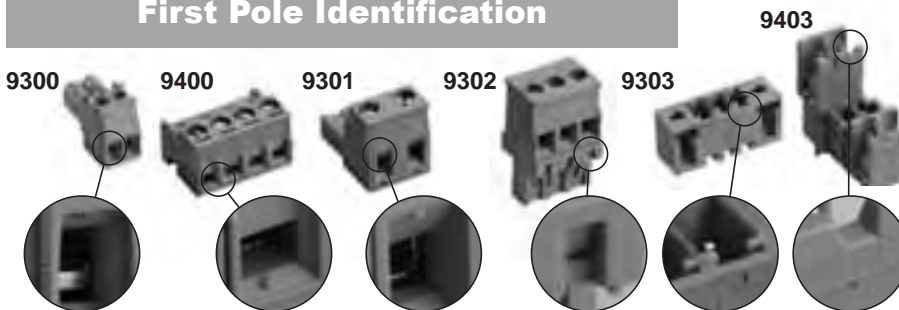
Increase voltage – Double voltage with blocking every other position.

Imperial and Metric Center to Center



Products in imperial center to center (2.54, 3.81, 5.08, 6.35, 7.62, 9.52, 10.16mm) are visually different from those in metric center to center (3.5, 5, 7, 10mm) by the series of little identification holes, as shown in the following picture.

First Pole Identification



First pole identification on 9300, 9400, 9301, 9302, 9303, and 9403 series.

A first pole identification has been added to the plastic housing (as per DIN VDE 0627 Norm request), to help the operator during the correct wiring identification. For CSM series the first pole identification has to be printed on the board.



Marking/Adhesive Labels

Each single pole identification on Curtis' 9000 Series terminal blocks and connectors can be done as follows:

a) MARKING

White, Red or Black bicomponent ink Marking directly on the plastic housings (on request), clearly readable and permanent.

- **Standard (with progressive numbering)**, available in **1 (Straight)** or **2 (Reverse)** versions, as illustrated in the drawn schemes.
- Custom with any characters or symbols sequence with various orientations.

The following pictures represent only some Standard and Custom applications examples.

b) ADHESIVE LABELS

ESA Series Adhesive Labels represent an easy and functional solution for each single pole identification. They are available in all pitches with progressive straight numbering (Standard Labels) or with any sequence, dimension and orientation of characters and symbols (Custom Labels).

Characters are printed with black, highly visible ink. ESA labels are available in more labels per sheet, with standard heights of .110" (2.8mm) – .150" (3.8mm) – .197" (5mm) according to the application or the customer request.

They are made of a solvent-proof and stain-proof White Polyester. They are suitable for use in temperatures that range from -40°C to 130°C. They are non-extendable and therefore maintain the same distance between characters.

The ESA Series is UL and CSA approved.

The labels are to be stuck on by the user.

Adhesive Labels

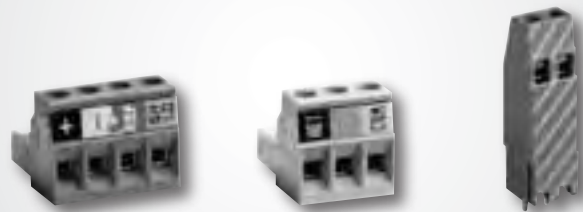


Straight Marking

1 Version



Straight Marking



Reverse Marking

2 Version

