# WECO®

## Euro-Style Terminal Blocks

## TYPE 327-P-FU (-DS)
### 14.5 mm spacing   -   2 to 12 poles



**RoHS WEEE** ✓ Pb Ⓔ

RoHS WEEE Pb free compliant



**Dimensions: mm (in.)**

Length of Connector (L)
L = No. of Poles x Center to Center Spacing - 3 mm

When locating connector, allow 0.5 mm clearance around it for process-induced variations.
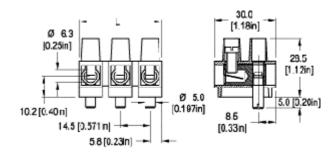
## Description

- raised base
- Wire entrance parallel to PC Board

## Technical Data

**Center to Center Spacing:**  14.5 mm (0.571 in.)
**Nominal Cross Section:**
16 mm$^2$ (24796 mils$^2$)
**Wire Stripping Length:** 9 mm (0.35 in.)
**Recommended Hole Diameter in PC Board:**
5.5 mm (0.22 in.)

## Application

The printed circuit board mounted series are ideal for connecting printed circuits to external power sources, signal sources, other components, electrical panels and electrical loads of many types and sizes. The PCBs internal components and circuitry are connected to their appropriate external electrical circuitry through these terminal blocks. The PCB pins are highly solderable with a shelf life that meets industry standards and often exceeds them. These terminal strips can be completely enclosed within the enclosures or be placed at an enclosure opening with one side accessible for external cabling and the other on the PCB. They can be specially marked to your specifications. The screw tightened connections result in high contact forces thus promoting safe wire secureness and retention, low electrical resistance and safe reusable connections. All wire retention screws are captive in their towers and they cannot fall out during transportation, installation and use. Wire protectors are available to protect small gauge stranded wires from screw damage. This product is used when larger wires for high amperages need to be connected to PCB.

## Approval Information

UL File No.E69841 **Ⓤ**
CSA File No.LR24322 **Ⓢ**

| Rating | Current(A) | Voltage(V) | Application group | AWG |
|--------|-----------|-----------|-------------------|-----|
| UL | 65 | 600 | B,C | 14-6 |
| CSA | 65 | 600 | B,C | 14-6 |

\* UL: Version 327-P-FU range for 14-4 AWG

**Screw Tightening Torque:**
UL: 16.0 lfbin
CSA: 1.81 Nm

## Material

**Molding:**  Polyamide, self extinguishing UL 94, V-0, color white
**Temperature limits:**
**Short Time:**  140°C (284°F)
**Continuous:**  RTI 105°C (221°F)
**Low Limit:**  -40°C (-40°F)
**Comparative Tracking Index:**  CTI > 600
**Oxygen Index Rating:**  33%

**Terminal Body:** Nickel plated copper alloy
**Wire Protector:** Stainless steel
**Screw:** M5, Slotted head, zinc plated blue passivated, steel substrate
**Solder Pin:** 5.0 mm (0.20 in.), Tin plated copper alloy

| Item | 327-P-FU (-DS) |
| --- | --- |

**Options**

- ☐ CN: Consecutive Numbering (hot stamped numbers)
- ☐ SM: Special Marking (please provide sketch)
- ☐ PS: Clear Chromate Passivated, zinc plated, Steel Screws
- ☐ G05: Gold Plating (5 micro inches)
- ☐ G30: Gold Plating (30 micro inches)
- ☐ S30: Silver Plating (30 micro inches)

**Note:** Plated component: terminal body

**Ordering Note:** Series 300 Terminal Strips can be supplied in other colors. Please consult factory.

**Accessories**

|  | WIRE PROTECTOR:<br>with: - DS |  | POLES:<br>02 to 12 |
| --- | --- | --- | --- |
| **327-P-FU** | | / | |