

Euro-Style Terminal Blocks

327-P-FU (-DS) | 14.50 mm (0.571 in) Spacing - 2-12 poles

PICTURES



327-P-FU-DS

TECHNICAL INFORMATION

Description

Wire entrance parallel to PC Board

Raised base

Technical Data

Center to Center Spacing: 14.500 mm (0.571 in)

Nominal Cross Section: 16 mm² (24800 mils²)

Wire Stripping Length: 9.000 mm (0.355 in)

Recommended Hole Diameter in PC Board: 5.500 mm (0.217 in)

Bill of Materials

Molding : Polyamide, Self extinguishing UL 94, V-0

Temperature limits :

Short Time : 140°C (284°F)

Continuous : 105°C (221°F)

Low Limit : -40°C (-40°F)

Comparative Tracking Index : CTI ? 600 V

Oxygen Index Rating : 33 %

Terminal Body: Nickel plated copper alloy

: Stainless steel

Screw: Slotted head, zinc plated blue passivated, steel substrate M5

Solder Pin: Tin plated copper alloy 5.0 mm (0.20 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.

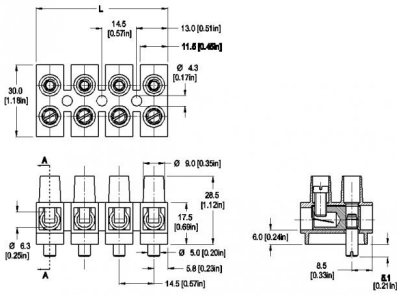
APPROVAL INFORMATION

UL File No. E69841 | CSA File No. LR24322

Type	Current (A)	Voltage (V)	Application Group	AWG	Screw Tightening Torque
 327-P-FU (-DS) 14.5 mm	65	600	B, C	14-6	16.0 lbfin
 327-P-FU (-DS) 14.5 mm	65	600	B, C	14-6	1.81 lbfin

Wire range for version 327-P-FU (no -DS) is 14-4 AWG

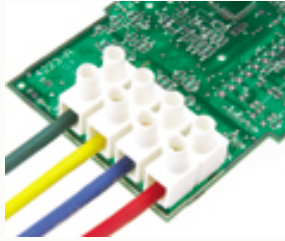
TECHNICAL DRAWING



Description :

Length of Connector (L)

$L = \text{No. of Poles} \times \text{Center to Center Spacing} - 3 \text{ mm}$

SECTION E - SERIES 300-P**Grounding Terminals & Ceramic Terminal Blocks for Panel / Chassis Mounting**

Series 300-P is designed to allow larger conductors and current loads to connect to printed circuit boards than standard terminal blocks. These are larger versions of the 302-G and 322-G blocks, which are modified versions of the Section C panel/chassis mounted terminal strips.

These screw terminal strips are used for connecting stripped, stranded or solid copper wires. Each strip has 12 circuits and can easily be field cut to the required number of poles. They can also be ordered factory-cut in any requested pole number.

Each pole has a solid solder pin for connecting to the printed circuit board. The screws are captive and are backed-out and ready for wiring. Each circuit of the terminal strips can have a wire protector to prevent damage to the wire from the turning screw the wire protector is a thin copper alloy plate placed between screw and wire. All metal parts above the PCB are well recessed in the polyamide molding. This finger-safe type of design ensures safety and prevents accidental short-circuits.

Each product has a "How To Order" area as well as a complete listing of UL and CSA approval specifications, available options and accessories.