



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 WECO 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.

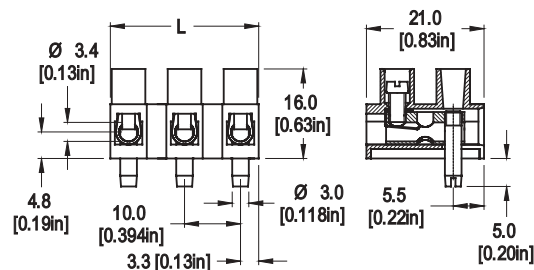
Each pole has a solid solder pin for connecting to the printed circuit board. The screws are captive and are backed-out and ready for wiring. Each circuit of the terminal strips can have a wire protector to prevent damage to the wire from the turning screw; the wire protector is a thin copper alloy plate 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.

Series 300-P

Types 323-P (-DS)

10 mm spacing • 1 to 12 poles



L = Nr. of Poles x Center to Center Spacing - 3.5 mm

Dimensions: mm (in.) When locating connector, allow 0.5 mm clearance around it for process-induced variations.

DESCRIPTION

- Wire entrance parallel to PC Board.

APPLICATION

This product is used when larger wires for high amperages need to be connected to PCB.

TECHNICAL DATA

Center to Center Spacing: 10 mm (0.394 in.) Wire Stripping length: 6 mm (0.25 in.)
Nominal Cross Section: 2.5 mm² (3874 mils²) Recommended Hole Ø in PCB: 3.5 mm (0.14 in.)

APPROVAL INFORMATION

File No.:	Rating	Current (A)	Voltage (V)	AWG	Application Group	Screw Tightening Torque
E69841	UL	30	300	22-10	B,C	max. 4.5 lbf.in.
	CSA	30	300	22-10	B,C,D,E	max. 0.51 Nm

UL and CSA approvals pending. 323-P-DS is UL approved.

MATERIAL

MOLDING: Polyamide, self extinguishing to UL 94, V-2, 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: tin plated copper alloy

Screw: yellow chromate passivated, zinc plated, steel, M3

Solder Pin: tin plated copper alloy, 3.0 mm (0.12 in.)

ACCESSORIES

- BST Marking Strips.

OPTIONS See How to Order. If more than one option is required, please separate each option with a dash (-).

1	2	3	4
<p>G05: Gold Plating (5 micro inches) G30: Gold Plating (30 micro inches) S30: Silver Plating (30 micro inches) (Plated components: terminal body)</p>			

HOW TO ORDER

WIRE PROTECTOR:	POLES:	OPTIONS:
with: - DS	01 to 12	CN, SM, BS, PS, G05, G30, S30
323-P	/	-