

A

TERMINAL BLOCKS FOR PRINTED CIRCUIT BOARDS

Eurostyle Terminal Strips for Printed Circuit Boards

Series 300-P

Types 324-P (-DS)

11.5 mm spacing • 1 to 12 poles

Dimensions: mm (in.) When locating connector, allow 0.5 mm clearance around it for process-induced variations.
Length of Connector (L) L = No. of Poles x Center to Center Spacing - 3.5 mm

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: 11.5 mm (0.453 in.) Wire Stripping length: 7 mm (0.28 in.)
Nominal Cross Section: 6 mm² (9298 mils²) Recommended Hole Ø in PCB: 4.0 mm (0.16 in.)

APPROVAL INFORMATION

| Rating | Current (A) | Voltage (V) | AWG | Application Group | Screw Tightening Torque |
|--------|-------------|-------------|------|-------------------|-------------------------|
| UL | 35 | 300 | 14-8 | B,C,D | max. 7.0 lbf.in. |
| CSA | 35 | 300 | 14-8 | B,C,D,E | max. 0.8 Nm |

UL and CSA approvals pending.

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, M3.5

Solder Pin: tin plated copper alloy, 3.5 mm (0.14 in.)

ACCESSORIES

• BST Marking Strips.

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

CN: Consecutive Numbering (hot stamped Black numbers)
SM: Special Marking (please provide sketch)
BS: Copper Alloy Screws
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)
(Plated components: terminal body)

HOW TO ORDER

| WIRE PROTECTOR: with: - DS | POLES: 01 to 12 | OPTIONS: CN, SM, BS, PS, G05, G30, S30 |
|-------------------------------|--------------------|--|
| 324-P | / | - |

www.weco.ca/products/324-P (-DS)

Series 300-P

Types 327-P (-FU) (-DS)

14.5 mm spacing • 1 to 12 poles

L = Nr. of Poles x Center to Center Spacing - 3mm

L = Nr. of Poles x Center to Center Spacing - 3mm

327-P-DS

327-P-FU-DS

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

DESCRIPTION

• Wire entrance parallel to PC Board
• 327-P-FU (-DS): raised base.

APPLICATION

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

TECHNICAL DATA

Center to Center Spacing: 14.5 mm (0.571 in.) Wire Stripping length: 9 mm (0.35 in.)
Nominal Cross Section: 16 mm² (24796 mils²) Recommended Hole Ø in PCB: 5.5 mm (0.22 in.)

APPROVAL INFORMATION

| Rating | Current (A) | Voltage (V) | AWG | Application Group | Screw Tightening Torque |
|--------|-------------|-------------|------|-------------------|-------------------------|
| UL | 65 | 600 | 14-6 | B,C | max. 16.0 lbf.in. |
| CSA | 65 | 600 | 14-6 | B,C,D,E | max. 1.81 Nm |

327-P (-DS) is UL and CSA pending. 327-P-FU (-DS) is UL and CSA approved as stated above. Version 327-P-FU range for 14-4 AWG

MATERIAL

MOLDING: Polyamide, self extinguishing to UL 94, V-0, 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: yellow chromate passivated, zinc plated, steel, M5

Solder Pin: tin plated copper alloy, 5.0 mm (0.20 in.)

ACCESSORIES

• BST Marking Strips.

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

CN: Consecutive Numbering (hot stamped Black 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)
(Plated components: terminal body)

HOW TO ORDER

| RAISED BASE: with: - FU | WIRE PROTECTOR: with: - DS | POLES: 01 to 12 | OPTIONS: CN, SM, PS, G05, G30, S30 |
|----------------------------|-------------------------------|--------------------|--|
| 327-P | / | - | |

www.weco.ca/products/327-P (-FU) (-DS)

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20