

Eurostyle Screw Terminal Strips for Panel / Chassis Mounting

TYPE 327-FU (-HDS)

14.5 mm spacing - 1 to 12 poles

Distributor Stock Check



Series

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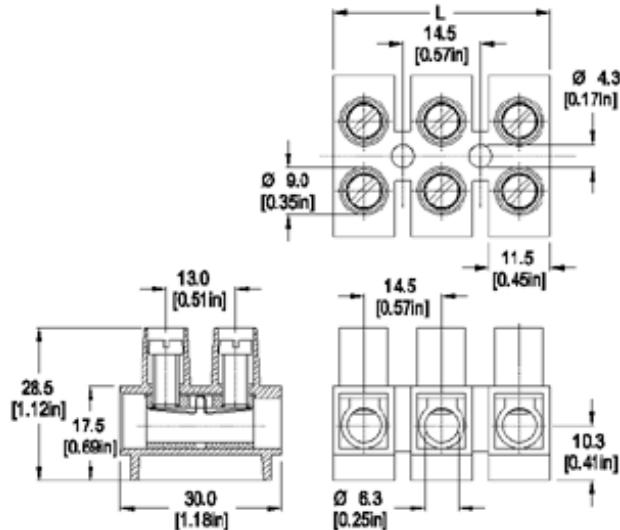
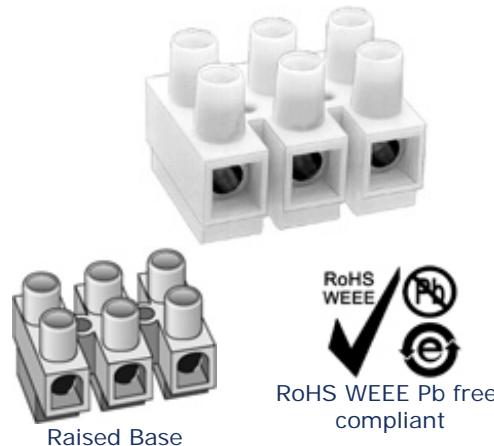
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Dimensions: mm (in.)

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

The -FU designation provides a higher profile and therefore higher creepage distances to meet certain VDE design requirements.

- raised base
- Recommended mounting hardware: M4 pan head screw (#8-32 pan head screw) or similar sized sheet metal screw, self-tapping screw or rivet.

Technical Data

Center to Center Spacing: 14.5 mm (0.571 in.)

Nominal Cross Section:

16 mm² (24796 mils²)

Wire Stripping Length: 9 mm (0.35 in.)

Approval Information

UL File No. E69841

CSA File No. LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	65	600	B,C,D	14-6
CSA	80	600	B,C,D,E	14-6

Screw Tightening Torque:

UL: 16.0 lbf in

CSA: 2.0 Nm

International Approvals:



The panel and chassis mounted series are ideal for connecting electrical control panels to external power sources, signal sources, other electrical panels and electrical loads of many types and sizes. The electrical panel's or electrical enclosure's internal components and circuitry are connected to their appropriate external electrical circuitry through these terminal blocks. 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. 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 for internal wiring. They can be specially marked to your specifications.

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Material

Molding: Polyamide, self extinguishing to UL 94, V-0, color off-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 strip

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

How to order

Item 327-FU (-HDS)

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)
WS: Wire Stop (to control the wire insertion depth)

Note: Plated component for non HDS versions only: terminal body WS is for HDS versions only

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

327-FU

WIRE PROTECTOR:
with: - HDS

POLES:
01 to 12

/

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Quantity

Accessories
[BST Marking Strips for terminal strips.](#)
[Jumper Combs, Series 300-J.](#)

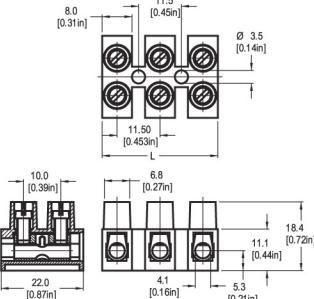
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Eurostyle Screw Terminal Strips for Panel/Chassis Mounting

Series 300

Types 324 (-HDS)

11.5 mm spacing • 1 to 12 poles



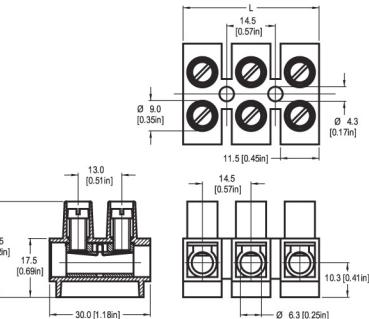
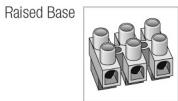
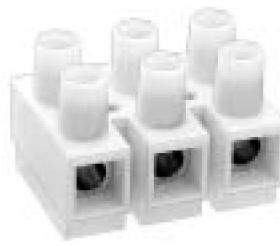
Dimensions: mm (in.) When locating connector, allow 0.5 mm clearance around it for process-induced variations.
Length of Connector (L) L = No. of Poles x Center to Center Spacing - 3.5 mm



Series 300

Types 327-FU (-HDS)

14.5 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 mm

DESCRIPTION

- Standard version
- Recommended mounting hardware: M3.5 pan head screw (#6-32 pan head screw)

APPLICATION

Due to high resistance to vibrations, these terminal strips serve in applications using line voltage motors or in construction vehicle. Terminal strips are also used in Heating/ventilation/air conditioning (HVAC) products.

TECHNICAL DATA

Center to Center Spacing: 11.5 mm (0.453 in.)

Wire Stripping length: 7 mm (0.28 in.)

Nominal Cross Section: 4 mm² (6199 mils²)

APPROVAL INFORMATION

Rating	Current (A)	Voltage (V)	AWG	Application Group	Screw Tightening Torque
File No.: E69841	UL 35	300	22-8	B,D	max. 7.0 lbf/in.
File No.: LR24322	CSA 40	300	22-10	B,D,E	max. 0.8 Nm

UL 300V / C and 600 V / D: if mounted on a suitable insulated surface, on standoffs, or equivalent means to maintain spacing from live parts to the mounting surface.

UL: wire range is extended to 26 AWG for factory wiring.

Version HDS is CSA certified for 26-10 AWG.

International Approvals:

MATERIAL

MOLDING: Polyamide, self extinguishing to UL 94, V-2, off-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: 25%

Terminal Body: nickel plated copper alloy

Wire Protector: stainless steel strip

Screw: yellow chromate passivated, zinc plated, steel, M3.5

ACCESSORIES

- BST Marking Strips.
- Jumper Combs, Series 300-J.

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: for non HDS versions only: terminal body)			

HOW TO ORDER

WIRE PROTECTOR:
with: - HDSPOLES:
01 to 12OPTIONS:
CN, SM, BS, PS, G05,
G30, S30

324

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01 to 12OPTIONS:
CN, SM, PS, G05, G30,
S30

327-FU

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