



Eurostyle Screw Terminal Strips for Panel / Chassis Mounting

TYPE 324-FU (-HDS)

11.5 mm spacing - 1 to 12 poles



Distributor Stock Check



RoHS WEEE Pb free surface compliant

Raised Base

Description

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

- Raised base
- Recommended mounting hardware: M3.5 pan head screw (#6-32 pan head screw) or similar sized sheet metal screw, self-tapping screw or rivet.

Technical Data

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

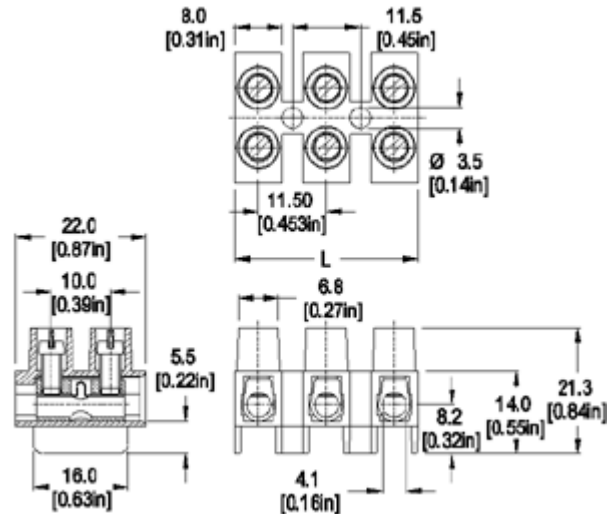
Nominal Cross Section:

4 mm² (6199 mils²)

Wire Stripping Length: 7 mm (0.28 in.)

Application

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.



Dimensions: mm (in.)

Length of Connector (L)

L = No. of Poles x Center to Center Spacing - 3.5 mm

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

Approval Information

UL File No.E69841

CSA File No.LR24322

Rating	Current(A)	Voltage(V)	Application group	AWG
UL	35	300	B,C	22-8
CSA	40	300	B,C	22-10
CSA	5	600	D,E	22-10

* UL CONDITIONAL RATINGS:

- Voltage 600 V/ B, C (if mounted on a suitable insulated surface, on standoffs, or equivalent means to maintain spacing from live parts to mounting surface)

- Wire range 26-8 AWG for factory wiring only.

CSA CONDITIONAL RATINGS:

-Wire range 26-10 AWG for version HDS (with wire protector)

Screw Tightening Torque:

UL: 7.0 lbf·in

CSA: 0.8 Nm

International Approvals:



Material

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

Terminal Body: Nickel plated copper alloy

Wire Protector: Stainless steel strip

Screw: M3.5, Slotted head, zinc plated blue passivated, steel substrate

Item

324-FU (-HDS)

Options

- CN: Consecutive Numbering (hot stamped numbers)
- SM: Special Marking (please provide sketch)
- BS: Copper Alloy Screw
- 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 for non HDS versions only: terminal body

Ordering Note: Series 300 Terminal Strips can be supplied in other colors. Can be supplied in polyamide UL 94 V-0. Please consult factory. As a special execution, it can be made up to 24 poles.

Accessories

324-FU

WIRE PROTECTOR:
with: - HDS

/

POLES:
01 to 12