

Lever-Activated Terminal Blocks

Easy-to-use, robust and reliable, Lever-Activated Terminal Blocks simplify wire termination, shorten assembly time and help ensure secure power connections. They come in various sizes, configurations and mounting options for use in a wide range of wire-to-board power transmission applications carrying up to 72.0A of current.

ADVANTAGES AND FEATURES

Ensures secure connections

The Stainless Steel spring securely traps the wire termination when the lever is closed, preventing accidental disconnections or pull-outs.

Offers compatibility with a wide range of wire sizes

The terminal blocks are available in various sizes, configurations and PCB mounting options to improve design flexibility for different applications and environments.

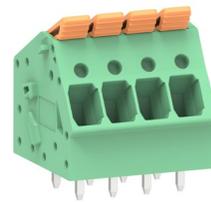
Enables faster, easier and more reliable installation

The highly intuitive lever-activated termination design makes it fast and simple to terminate wires to the PCB while minimizing the chances of a poorly secured termination.

Locking	Lever activated
Current	20.0 to 72.0A
Voltage	Up to 600V
Wire Size	24 to 4 AWG (0.20 to 25.00mm ² nominal)
Wire Exit Angle	35 degrees
Operating Temperatures	-40 to +115°C

Provides reliable operation in harsh environments

The rugged housing design and Stainless Steel spring deliver robust and reliable long-term operation even in challenging environments subject to extreme temperatures or dust.



MARKETS AND APPLICATIONS

Energy and Power

Distributed energy resource controllers
Smart grid monitoring and control devices
Electric vehicle mobility systems
Solar and wind inverters
Battery storage systems
Power transmission and distribution systems
Power supplies
Power grids in industry



Solar and Wind Inverters



Networking Systems



Motor Inverters

Power for Data Center

Data center applications
Controls
Monitoring devices
Networking systems

Industrial Automation

Motor control centers
Motor inverters

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SPECIFICATIONS

Reference Information

Packaging: Bulk
Designed in: Millimeters
RoHS: Yes
Halogen Free: Yes
Glow Wire Capable: Yes

Electrical

Voltage (max.): 600V
Current: 20.0 to 72.0A

Mechanical

Pitch: 5.00, 7.50, 10.00 or 15.00mm
Component Type: One piece
Exit Angle: 35 degrees (vertical and horizontal versions in development)
Circuit Count: 1 to 12 circuits

Physical

Housing, Cover and Lever: PA66 UL 94 V-0
Terminal: Tin-plated Copper Alloy
Spring: Stainless Steel
Operating Temperatures: -40 to +115°C