

# 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.

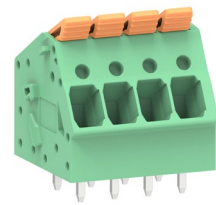
### Enables faster, easier and more reliable installation

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 <sup>2</sup> 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

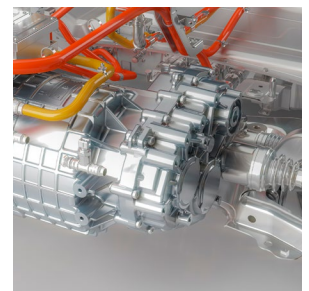
Distributed energy resource controllers  
Smart grid monitoring and control devices  
Electric vehicle mobility systems  
Solar and wind inverters  
Battery storage systems  
Power transmission and distribution systems  
Power supplies  
Power grids in industry



*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

# Lever-Activated Terminal Blocks

## 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

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