DATASHEET

DIN Rail Terminal Blocks ›

Offering safe and reliable power connectivity for a wide variety of industries and applications, DIN Rail Terminal Blocks provide a modular and scalable system that utilizes 35mm DIN rails to optimize space and performance. Multiple options for wire sizes, types and attachment styles streamline integration of complex wiring layouts, while robust clamping and a vibration-resistant design help prevent failures in harsh environments.

ADVANTAGES AND FEATURES

Accelerates testing and diagnostic work
Integrated test points remove the need to disconnect wires when testing, saving maintenance time and minimizing service interruptions.

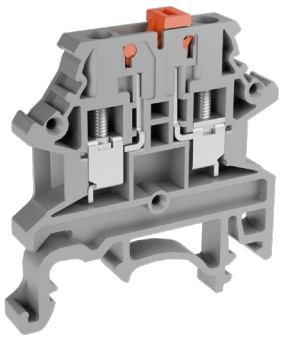
Reduces maintenance errors and accelerates repair work
A large marking and labeling area enables clear identification of circuits and simplifies troubleshooting.

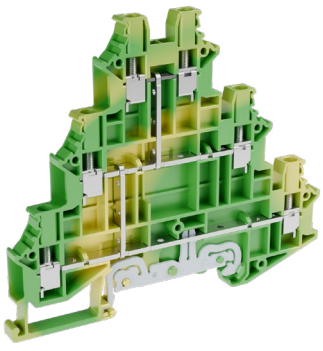
Enhances design flexibility
Standard, high-current, multilevel and special-function solutions in the product line reduce sourcing complexity and ensure consistent quality across diverse projects.

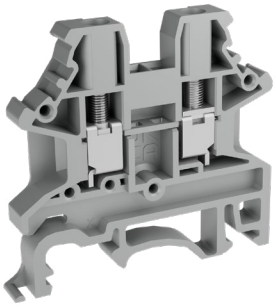
Voltage	Up to 1,000V DC
Current	Up to 24.0A
Rated Impulse Voltage per III/3	8,000V
Flame-Retardant Rating	UL94 V-0
Wire Range	0.34 to 2.50mm² (22 to 12 AWG), larger wire sizes available
Wire Termination	Screw, plug-in/push-in

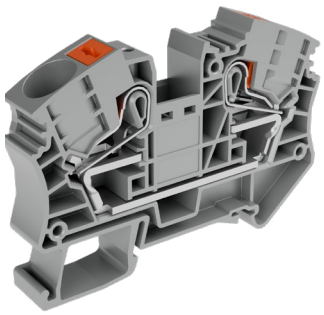
Ensures worker safety and certification compliance
High safety standards, including UL94 V-0 flame-retardant insulation and CE and IEC certifications, make these products compliant with international regulations, eliminating certification barriers.

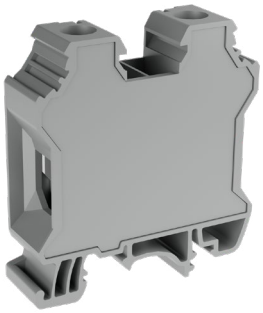
Simplifies inventory and installation
A large range of standardized accessories, including jumpers, end plates and marking systems, reduces complexity and eliminates the need for components from multiple suppliers.











DATASHEET

DIN Rail Terminal Blocks ›

MARKETS AND APPLICATIONS

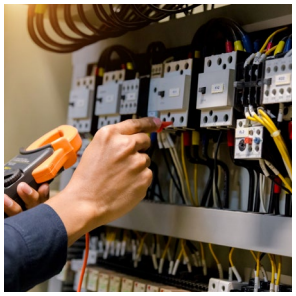
Agricultural Machinery
Irrigation control panels
Grain handling and processing systems

Automotive
Assembly line equipment
Plant electrical distribution systems
Test rigs

Electrical and Power
Circuit protection equipment
Distribution panels
Generators
Switch gear
Substations
Transformers

Home Energy Storage
Battery energy storage systems (BESS)
Electric vehicle charging stations
Renewable energy systems

PLCs



Circuit Protection Equipment

Air-Handling Units

HVAC
Air-handling units
Building automation control systems
Chillers
Compressors
Temperature-regulation control systems

Industrial Automation
Automated systems
Control cabinets
Production line machinery
Programmable logic controllers (PLCs)
Robots
Signal and power distribution

Power for Data Centers
High-density power-distribution units

Telecommunications
Base station power distribution
Networking racks
Routers
Server cabinets
Switches

SPECIFICATIONS

Reference Information
Packaging: Box
Designed in: Millimeters
RoHS: Yes
Halogen Free: Yes
Flame-Retardant Rating: UL94 V-0
Finger Protection: Yes
Back-of-the-Hand Protection: Yes

Electrical
Voltage (max.): 1,000V per VDE and III/3, 600V per UL
Current (max.): 24.0A per VDE, 20.0A per UL
Rated Impulse Voltage per III/3: 8,000V
Insulation Resistance (min.): 500 Megohms @ 500V DC

Mechanical
Conductor Cross Section, Solid: 0.14 to 4.00mm^2
Conductor Cross Section, Stranded: 0.14 to 2.50mm^2
Conductor Cross Section, Flexible: 0.25 to 2.50mm^2
Two-Conductor Cross Section, Solid or Stranded: 0.14 to 1.50mm^2
Wire Range: 0.34 to 2.50mm^2 (22 to 12 AWG), larger wire sizes available
Wire Termination: Screw, plug-in/push-in

Physical
Insulation Material: Polyamide
Insulation Material Group: I
Operating Temperatures: -40 to +120°C

www.molex.com

Order No. 987652-9521 USA/0k/GF/2025.12