

High-Current, Universal-Clamp Terminal Blocks

DIN-rail or panel-mountable High-Current Universal-Clamp Terminal Blocks offer a versatile solution for high-current and voltage applications requiring aluminum-to-aluminum, copper-to-copper or aluminum-to-copper terminations

Features and Benefits



Hex Screws
Provide optimal secureness to stranded wire

Partition wall on cover
The wall provides a barrier between the conductors to prevent oxidation

Tin coated Aluminum contacts
Can be terminated to either Aluminum or Copper wire

Polyamide housing and cover
Suitable for -40 to +105°C operating temperatures

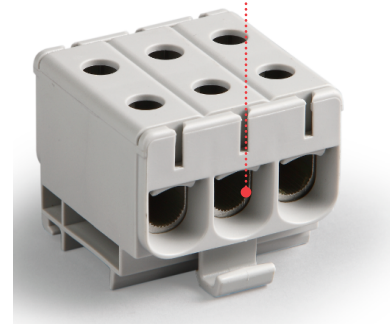
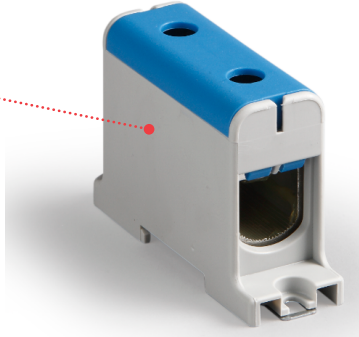
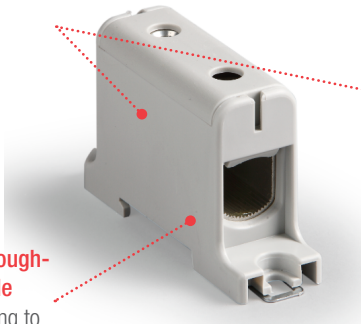
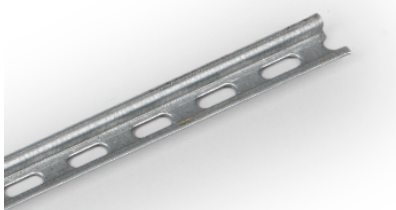
Compound coating
A grease is applied to the insides of the contacts to act as an oxidation inhibitor to extend shelf-life

Single and Three Pole Versions Available

Multiple colors available for Single Pole Versions
Standard color is grey. Similar models are available with different color covers for ease of identification

Three Pole Version
Ideal for 3-phase power applications

DIN-rail or through-hole mountable
Flexible mounting to match chassis design



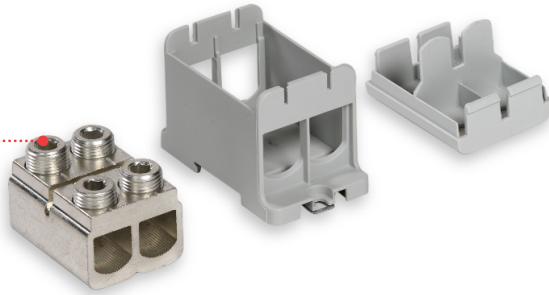
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600V (per UL), Single Pole Tapping Blocks Available

Double housing and cover design

Single contact with four terminations

Intended for power feed applications



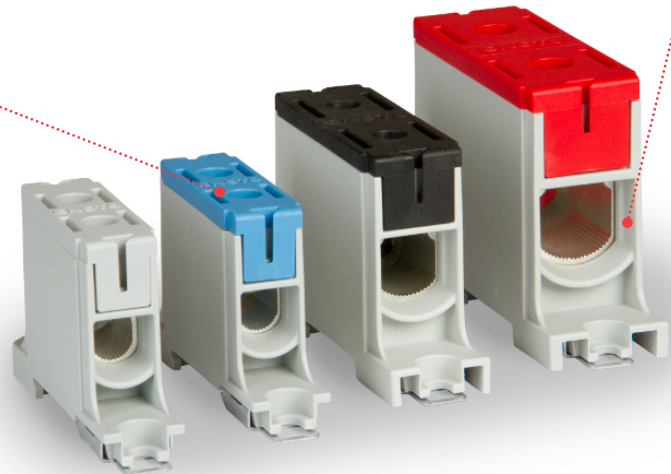
High temp Polyamide housing and cover

Suitable for -40 to +125°C operating temperatures of a 1000V system



Different color covers available

Red and black for DC applications; grey and blue for AC applications

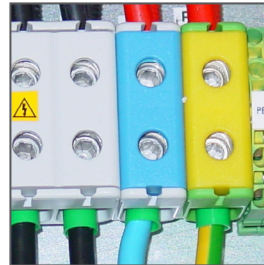


Applications

- Motor inverters
- Motor drives
- Motor control systems
- Switchgears
- Power distribution panels and cabinets
- Vehicle charging stations
- Commercial vehicles
- Electric trains
- Photovoltaic (solar) systems



Commercial Vehicles



Motor Drive



Photovoltaic Systems

Specifications

REFERENCE INFORMATION

Certification Marks: UL, CE
Design Standards: UL: 1059
IEC: EN60947-7-1:2009; EN61238-1:2003
Designed In: Millimeters
RoHS: Yes
Halogen Free: Yes
Glow Wire Compliant: Yes

TECHNICAL INFORMATION

Maximum Voltage (UL): 600 or 1000
Amperage Range (UL): 120 to 380
Wire Range: 500 MCM to 6 AWG

PHYSICAL INFORMATION

Housing: Polyamide
Body and Screws: Tin-coated aluminum

MECHANICAL FEATURES

Recommended Tightening Torque: 10Nm – 40Nm
(90 in/lbs to 360 in/lbs)
Screw Head: Hexagonal
Mounting: Screws or DIN rail
Plating: Tin
Operating Temperature: -40 to +125°C
DIN-rail Size: 35mm