

# 200 Series Terminal Blocks

- Three contact styles conservatively rated to 35A to 85A
- Only one end section needed per block assembly
- Readily identifiable circuits – mark directly on painted marking surface or use removable marking strip

## Nylon Heavy Duty

This compact design, heavy-duty line accepts single wire or combinations up to 4 AWG, solid or stranded; 600V



- 138 circuits per 6 foot length
- Two-way flat-base models surface mount directly to the panel or snap-on miniature channel; dovetail base models mount on standard channel
- Sections snap-fit with Phenolic Heavy Duty, Intermediate Heavy Duty and Fuse blocks

### Specifications

**Center-to-Center Spacing:** .50 in. CL: 24 circuits per foot.

WIRE RANGE: Solid or Stranded

**Strap Screw** – 1 #22 to 1 #10 AWG

**Tubular Screw** – 1 #4 AWG, 1 #6 AWG, 1 or 2 #8 AWG, 1 to 4 #10 AWG, 1 to 5 #12 AWG, 1 to 6 #14 AWG, 1 to 6 #16 AWG, 1 to 8 #18 AWG

**Tubular Clamp** – 1 #6 AWG, 1 or 2 #8 AWG, 1 to 3 #10 AWG, 1 to 4 #12 AWG, 1 to 4 #14 AWG, 1 to 6 #16 AWG, 1 to 8 #18 AWG

**Voltage Rating:** Blocks meet 600V creepage and clearance requirements of NEMA, UL and CSA for general industrial control equipment and panelboards. Withstands voltages greatly in excess of IEEE switchgear standards for 750V.

## Phenolic Heavy Duty

Phenolic heavy duty blocks are ideal for high temperature, high current applications.



- Sturdy block accepts single wire or combinations up to 4 AWG solid or stranded
- 122 circuits per 6 foot length
- Sections snap-fit with Nylon Heavy Duty, Intermediate Heavy Duty and Fuse Blocks

### Specifications

**Center-to-Center Spacing:** .56 in. CL: 20 circuits per foot.

WIRE RANGE: Solid or Stranded

**Strap Screw** – 1 #18 to 1 #8 AWG

**Tubular Screw** – 1 #4 AWG, 1 #6 AWG, 1 or 2 #8 AWG, 1 to 4 #10 AWG, 1 to 5 #12 AWG, 1 to 6 #14 AWG, 1 or 6 #16 AWG, 1 to 8 #18 AWG

**Tubular Clamp** – 1 #6 AWG, 1 or 2 #8 AWG, 1 to 3 #10 AWG, 1 to 4 #12 AWG, 1 to 4 #14 AWG, 1 to 6 #16 AWG, 1 to 8 #18 AWG



Catalog Number	Mounting Style	Ampacity	Contact Type	Screw Type	Wire Range (AWG)	Wire Strip Length
241	Unpainted Direct Mount (Flat Base)	35A	Strap Screw	10-32 Slotted Binding Head	#22 to #10	—
0241	Painted Channel Mount (Dovetail Base)					
242	Unpainted Direct Mount (Flat Base)	85A	Tubular Screw	1/4-28 Slotted Headless	#18 to #4	1/2 in.
0242	Painted Channel Mount (Dovetail Base)					
243	Unpainted Direct Mount (Flat Base)	65A	Tubular Clamp	1/4-28 Slotted Headless	#18 to #6	1/2 in.
0243	Painted Channel Mount (Dovetail Base)					
250	— End-Section (Direct Mount)	—	—	—	—	—
0250	— End Section (Channel Mount)	—	—	—	—	—
221	Painted Direct Mount (Flat Base)	35A	Strap Screw	10-32 Slotted Binding Head	#22 to #10	—
0221	Painted Channel Mount (Dovetail Base)					
222	Painted Direct Mount (Flat Base)	85A	Tubular Screw	1/4-28 Slotted Headless	#18 to #4	1/2 in.
0222	Painted Channel Mount (Dovetail Base)					
223	Painted Direct Mount (Flat Base)	65A	Tubular Clamp	1/4-28 Slotted Headless	#18 to #6	1/2 in.
0223	Painted Channel Mount (Dovetail Base)					
230	— End-Section (Direct Mount)	—	—	—	—	—
0230	— End-Section (Channel Mount)	—	—	—	—	—

	Nylon Heavy Duty	Phenolic Heavy Duty
<b>Housing Material</b>	Nylon, Type 6/6 unfilled	Phenolic, Filled, Flame retardant
<b>Contact Material</b>	Copper / Copper Alloy	Copper / Copper Alloy
<b>Screw Material</b>	Steel Plated	Steel Plated
<b>Maximum Service Temperature</b>	125°C (257°F)	150°C (302°F)
<b>Breakdown Voltage AC, 60 Hz</b>	7000V	7000V
<b>Dielectric Strength (RH40% at sea level)</b>	470-385 V/mil thickness (per ASTM D149)	300V/mil thickness (per ASTM D149)
<b>UL High Voltage Arc Testing (in./min.)</b>	0.1 - .35	.49 - .59
<b>Water Absorption (24 hrs. % weight gain)</b>	1.5%	45% (per ASTM D570)
<b>Flammability</b>	94V-2 (per UL94)	94V-1 (per UL94)
<b>Chemical Resistance</b>	Resistant to aromatic hydrocarbons, strong alkalis	Resistant to acids, alkalis, aliphatic hydrocarbons and ketones (per ASTM D5343)
<b>Radiation Resistance (ergs g<sup>-1</sup> C)</b>	8 X 10 <sup>7</sup>	2 X 10 <sup>8</sup> min.