

100 Series Terminal Blocks - Miniature (High Density)

These miniature terminal blocks fit on a much smaller channel to save valuable panel space or can be surface mounted directly to the panel. Miniature blocks accept wire as large as 12 AWG.

- No wire crimping required – clamp contacts hold wire from 30 AWG to 12 AWG better than crimp-on terminals
- Saves installation time and cost – tubular clamp contacts supplied with captive screws backed out
- Nylon housing for rugged applications
- Positive stop prevents wire from being inserted too far and prevents screw from being tightened on insulation; easy access contact provides safe, reliable and cost-effective connection
- Quick installation and change – additional sections may be added or removed without removing channel mounting screw
- Matte-finish area for marking directly on block



Catalog Number - 100 Series	125	115	End Section	
			130	120
Mounting Style	Direct Mount (Flat Base)	Channel Mount (Dovetail Base)	Direct Mount (Flat Base)	Channel Mount (Dovetail Base)

Housing Material	Nylon
Maximum Service Temperature	125°C (257°F)
Flammability	UL94V2
Wire Strip Length (in.)	5/16
Torque (in.-lbs.)	6-9
UL Rating	28A @ 300V
Wire Range (AWG) Solid & Stranded	30-12
Pitch (in.)	0.25
Terminals per foot	48

WIRE RANGE: Solid or Stranded

Tubular Clamp

1 to #12 AWG, 1 to #14 AWG, 1 to 3 #16 AWG, 1 to 5 #18 AWG, 1 to 6 #20 AWG, 1 to 7 #22 AWG

900 Series Terminal Blocks - MEDIUM Duty

This family of polyester blocks is ideal for high temperature applications. The rugged material withstands temperatures up to 302°F (150°C)

- Three contact styles cover broad wire range – accept single wire or combinations from 22 AWG to 8 AWG solid or stranded
- Rated at 15A to 50A per circuit
- Flat base models mount directly to surfaces; dovetail base models mount on standard channel
- Only one end section needed per block assembly
- Readily identifiable circuits - write directly on matte surface of block
- Sections snap-fit with Heavy Duty, Intermediate Heavy Duty and Fuse blocks



Catalog Number	921	0921	924	0924	925	0925	930	0930
Mounting Style	Direct Mount (Flat Base)	Channel Mount (Dovetail Base)	Direct Mount (Flat Base)	Channel Mount (Dovetail Base)	Direct Mount (Flat Base)	Channel Mount (Dovetail Base)	End Section (Direct Mount)	End Section (Channel Mount)
Ampacity	15A		50A		30A		—	—
Contact Type	Strap Screw		Tubular Screw		Tubular Clamp		—	—
Screw Type	6-32 Combo Head		10-32 Combo Head		10-32 Combo Head		—	—
Screw Torque	12 in.-lbs.		8 in.-lbs.		8 in.-lbs.		—	—
Wire Range (AWG)	#14 to #22		#8 to #22		#10 to #22		—	—

Specifications

Center-to-Center Spacing: .375 in.

Voltage Rating: 600 Volt max., Current: 50 Amp max.

WIRE RANGE: Solid or Stranded

Strap Screw – 1 #22 to 1 #14 AWG

Tubular Screw – 1 #8 AWG, 1 #10 AWG, 1 to 3 #12 AWG, 1 to 4 #14 AWG, 1 to 4 #16 AWG, 1 to 5 #18 AWG, 1 to 10 #22 AWG

Tubular Clamp – 1 #10 AWG, 1 or 2 #12 AWG, 1 to 3 #14 AWG, 1 to 4 #16 AWG, 1 to 5 #18 AWG, 1 to 10 #22 AWG

Housing Material	Polyester (gray)
Contact Material	Copper Alloy, Zinc Plated
Screw Material	Steel, Zinc Plated
Maximum Service Temperature	150°C (302°F)
Flammability	UL94V-0 Rated

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	Material	
241	Unpainted	35A	Strap Screw	10-32 Slotted Binding Head	#22 to #10	—	Nylon	
0241	Painted							Channel Mount (Dovetail Base)
242	Unpainted	85A	Tubular Screw	1/4-28 Slotted Headless	#18 to #4	1/2 in.		
0242	Painted							Channel Mount (Dovetail Base)
243	Unpainted	65A	Tubular Clamp	1/4-28 Slotted Headless	#18 to #6	1/2 in.		
0243	Painted							Channel Mount (Dovetail Base)
250	—	—	—	—	—	—		
0250	—	—	—	—	—	—		
221	Painted	35A	Strap Screw	10-32 Slotted Binding Head	#22 to #10	—		Phenolic
0221	Painted							
222	Painted	85A	Tubular Screw	1/4-28 Slotted Headless	#18 to #4	1/2 in.		
0222	Painted						Channel Mount (Dovetail Base)	
223	Painted	65A	Tubular Clamp	1/4-28 Slotted Headless	#18 to #6	1/2 in.		
0223	Painted						Channel Mount (Dovetail Base)	
230	—	—	—	—	—	—		
0230	—	—	—	—	—	—		

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

800 Series Nylon Intermediate Heavy Duty Terminal Blocks

The **800 Series** line of 600V blocks is conservatively rated up to 150A for a single 1/0 AWG copper wire.



- Exceptionally compact block accepts single wire or combinations up to 1/0
- 92 circuits per 6 foot length
- Tubular screw contact style accepts AWG sizes from 12 to 1/0, solid or stranded
- Two-way mounting base fits standard channel or mounts directly to flat surfaces
- Only one end section needed per block assembly
- Readily identifiable circuits – write directly on painted marking surface or use removable vinyl marking strip
- Nylon housing for rugged applications, 7/16 -20 slotted headless screws
- Snap-fit with Heavy-Duty Nylon and Phenolic and Fuse Blocks

Specifications

Center-to-Center Spacing: .75 in. CL: 16 circuits per foot.

WIRE RANGE: Solid or Stranded

Tubular Screw – 1 #1/0, 1 #1 AWG, 1 #2 AWG, 1 or 2 #4 AWG, 1 to 3 #6 AWG, 2, 3 or 5 #8 AWG, 1 to 6 #10 AWG, 1 to 7 #12 AWG

400 Series Phenolic Ultra Heavy Duty – 250 KCMIL (MCM) Terminal Blocks

This **Ultra Heavy Duty** line is rated up to 255A with a single 250 MCM conductor.



- Compact block accepts wire sizes up to 2/0 or 250 KCMIL (MCM)
- 57 circuits per 6 foot length
- Tubular screw contact style for maximum electrical rating
- Block mounts directly on flat surface or standard channel
- Only one end section needed per block assembly
- Readily identifiable circuits – write directly on painted marking area or use removable vinyl marking strip
- Hex socket screws allow maximum torque when using large wire sizes
- High current capacity snap-fit sectional blocks do not snap-fit with other block styles

Specifications

Center-to-Center Spacing: 1.19 in. CL: 9 circuits per foot.

WIRE RANGE: Solid or Stranded

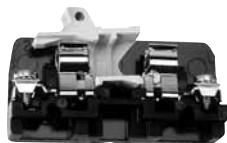
Tubular Screw – 1 #2/0, 1 #1/0, 1 #1 AWG, 1 or 2 #2 AWG, 1 to 3 #4 AWG, 1 to 3 #6 AWG, 1 to 4 #8 AWG, 1 to 6 #10 AWG, 2 to 8 #12 AWG

Tubular Screw – 1 #250 KCMIL, 1 #4/0, 1 #3/0, 1 or 2 #2/0, 1 or 2 #1/0, 1 or 2 #1 AWG, 1 to 3 #2 AWG, 1 to 4 #4 AWG, 1 to 5 #6 AWG

Ordering Information - pgs. A-30 & A-31

Catalog Number	Mounting Style	Ampacity	Contact Type	Screw Type	Wire Range (AWG)	Wire Strip Length
824	Painted Two-Way Mounting Base	150A	Tubular Screw	7/16-20 Slotted Headless	12 to 1/0	11/16 in.
830	End-Section	—	—	—	—	—
426	Painted Two-Way Mounting Base	175A	Tubular Screw	1/2-30 Hex Socket	#12-2/0	1 in.
427	Painted Two-Way Mounting Base	255A	Tubular Screw	3/4-16 Hex Socket	#6-250 KCMIL/MCM	1 in.
430	End-Section	—	—	—	—	—
351	Direct Mount (Flat Base)	30A	Strap Screw	10-32 Binding Head	#22 to #8	—
0351	Channel Mount (Dovetail Base)					
358	Direct Mount (Flat Base)	30A	Strap Clamp	8-32 Pan Head w/Clamp	#18 to #8	1/2 in.
0358	Channel Mount (Dovetail Base)					
352	Direct Mount (Flat Base)	30A	Tubular Screw	1/4-28 Set Screw	#18 to #8	1/2 in.
0352	Channel Mount (Dovetail Base)					
330	End-Section (Direct Mount)	—	—	—	—	—
0330	End-Section (Channel Mount)	—	—	—	—	—
Catalog Number	Number of Circuits	Ampacity	Contact Type	Screw Type	Wire Range (AWG)	
B102	2	50A	Strap Screw (Steel)	10-32 Slotted Binding Head	#18 to #8	
B104	4					
B106	6					
B108	8					
B112	12					

300 Series Phenolic Fuse Blocks



- Provide in-line circuit protection for any circuit or group of circuits
- Three contact styles for terminated or unterminated wire are conservatively rated to 30A
- Remove, check and replace fuses safely and quickly – switch-action fuse blocks open circuits before fuse can be removed or installed
- Good circuit density when mounted adjacently – 91 circuits per 6 foot length
- Use in high temperature applications – phenolic housing withstands temperatures up to 302°F (150°C)
- Flat base models for surface mounting, dovetail base models for standard channel
- Only one end section needed per block assembly
- Open or close several circuits simultaneously – holes in puller handles allow use of nylon “ganging” rods
- Readily identifiable circuits – mark directly on white, matte-surface puller assembly, marking tab on block or use removable marking tape
- Sections snap-fit with Heavy Duty and Intermediate Heavy Duty Blocks

Specifications

Center-to-Center Spacing: .75 in. CL: 16 circuits per foot.

Fuse Size: Any 13/32 in. x 1-1/2 in. ferrule-type cartridge fuse up to 30A, indicating or non-indicating, which meets MIL. Spec. F-15160 is recommended.

WIRE RANGE: Solid or Stranded

Tubular Screw – Cat. No. 362 and 0362 – 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

100 Series Phenolic One Piece Terminal Blocks



Traditional standard in the heavy industrial, rail transport, utility and traffic control industries. The rugged, one-piece construction finds wide application in dirty and vibration-prone environments.

- Two, four, six, eight and twelve circuit models
- Strap screw contacts accept wire 8 AWG and smaller and are rated to 50 Amps
- Pilot point screws with strap screw contacts speed installation time
- Easily identifiable circuits with use of plain white marking strip
- No assembly required – each block is a single, easily installed unit

Specifications

Center-to-Center Spacing: .63 in. CL

WIRE RANGE: Solid or Stranded

Strap Screw – 1 #18 AWG through 1 #8 AWG

Specification Chart - pgs. A-30 & A-31


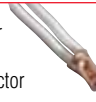
	800 Series Nylon	400 Series Phenolic	300 Series Phenolic	100 Series Phenolic
Housing Material	Nylon, Type 6/6 Unfilled	Phenolic, Filled, Flame retardant	Phenolic, Filled, Flame retardant	Phenolic, Filled, Flame retardant
Contact Material	Copper	Copper	Copper Alloy	Copper / Copper Alloy
Screw Material	Steel, Zinc-Plated	Steel Plated	Steel Plated	Steel Plated
Maximum Service Temperature	125°C (257°F)	150°C (302°F)	150°C (302°F)	150°C (302°F)
Breakdown Voltage AC, 60 Hz	8800V	1000V	8400V	—
Dielectric Strength (RH40% at sea level)	470-385V/mil thickness (per ASTM D149)	300V/mil thickness (per ASTM D149)	300V/mil thickness (per ASTM D149)	300V/mil thickness (per ASTM D149)
UL High Voltage Arc Testing (in./min.)	.01 - .35	.49 - .58	.49 - .58	.49 - .58
Water Absorption (24 hrs. % weight gain)	1.5%	0.45% (per ASTM D570)	0.45% (per ASTM D570)	0.45% (per ASTM D570)
Flammability	94V-2	94V-1 (per UL94)	94V-1 (per UL94)	94V-1 (per UL94)
Chemical Resistance	Resistant aromatic hydrocarbons, strong alkalis	Resistant to acids, alkalis, aliphatic hydrocarbons and ketones (per ASTM D5343)	Resistant to acids, alkalis, aliphatic hydrocarbons and ketones (per ASTM D5343)	Resistant to acids, alkalis, aliphatic hydrocarbons and ketones (per ASTM D5343)
Radiation Resistance (ergs g⁻¹ C)	8 X 10 ⁷ min.	2.7 X 10 ⁸ min.	2.7 X 10 ⁷ min.	2.7 X 10 ⁷ min.

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.



Splice Cap Crimp Connectors

- Designed for making fast, permanent, pressure-type connections
- Solid copper sleeves require less crimping pressure
- Resist corrosion in harsh environments
- UL 486C Listed and CSA C22.2 #188 Certified; comply with Federal Specification W-S-61D


Description	Wire Combination Range	Quantity	Cat. No.
 Copper Crimp Connector	600V* 18 to 10 AWG Min. 2 #18 Max. 4 #12	Box of 100	2006S
		Bag of 1,000	2006SB
 Copper Crimp Connector	600V* 14 to 4 AWG Min. 2 #10 Max. 2 #6	Box of 50	2011S
		Bag of 500	2011SB

*1,000V maximum in fixtures and signs



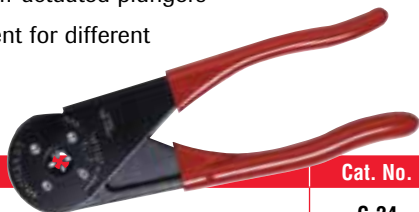
Splice Cap Insulators

- Convenient, safe and fast installation
- Snap-on nylon construction
- Rated at 105°C (221°F) – 600V (1,000V maximum in fixtures and signs)

For Connector Model	Quantity	Cat. No.
 2006S	Box of 100	2007
	Bag of 1,000	2007B
 2011S	Box of 50	2014
	Bag of 500	2014B




Four-Way Crimp Tool

- Patented design ensures even compression and reliable connectors
- Spring-loaded, cam-actuated plungers
- Fingertip adjustment for different connector sizes






Description	Cat. No.
Four-Way Crimp Tool	C-24



Mounting Channels

Mounting Channels	Length	Cat. No.	For use with:
 Miniature Channel	3 ft.	12	Heavy-Duty (200 Series) Miniature (100 Series)
 Steel Channel	6 ft. 3 ft.	60 63	Medium Duty (900 Series) Heavy Duty (200 Series) Intermediate Heavy Duty (800 Series) Ultra Heavy Duty (400 Series) Fuse Blocks (300 Series)
 Aluminum Channel (Pre-punched)	6 ft. 3 ft.	64 67	Medium Duty (900 Series) Heavy Duty (200 Series) Intermediate Heavy Duty (800 Series) Ultra Heavy Duty (400 Series) Fuse Blocks (300 Series)

Channel Clamps

Mounting Channels	Cat. No.	For use with:
 Miniature Clamp	11	High Density Miniature (100 Series) Heavy-Duty (200 Series)
 Universal Clamp	68	High Density Miniature (100 Series) Medium Duty (900 Series) Heavy Duty (200 Series) Intermediate Heavy Duty (800 Series) Ultra Heavy Duty (400 Series) Fuse Blocks (300 Series)
 Screw Clamp	61	High Density Miniature (100 Series) Medium Duty (900 Series) Heavy Duty (200 Series) Intermediate Heavy Duty (800 Series) Ultra Heavy Duty (400 Series) Fuse Blocks (300 Series)

Jumpers

Description	Cat. No.	Available for:
 Jumpers for Tubular Contacts	41	Heavy-Duty Phenolic (200 Series)
	42	Heavy Duty (200 Series)
	70	Medium Duty (900 Series)
	43	Heavy-Duty Phenolic (200 Series)