Phenolic
ONE PIECE

No. of Circuits	Strap Screw (Steel)	Strap Clamp	Tubular Clamp	Strap Screw (Brass)
Type of Block	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**
Channel Mount (Dovetail Base)				
Contact Type				
Standard Block				
2	**B102**	**B102C**	**B102S**	**2B102**
4	**B104**	**B104C**	**B104S**	**2B104**
6	**B106**	**B106C**	**B106S**	**2B106**
8	**B108**	**B108C**	**B108S**	**2B108**
12	**B112**	**B112C**	**B112S**	**2B112**
Shorting Block				
2	**3B102P**			**4B102P**
4	**3B104P**			**4B104P**
6	**3B106P**			**4B106P**
8	**3B108P**			**4B108P**
12	**3B112P**			**4B112P**
Standard Package	1	1	1	1

No. of Circuits	Strap Screw #8 & Smaller	Threaded Post & Nut
Type of Block	**Cat. No.**	**Cat. No.**
Channel Mount (Dovetail Base)		
Removable Link		
2	**5B102**	
4	**5B104**	
6	**5B106**	
8	**5B108**	
12	**5B112**	
Stud Block		
12		**7B112**
Standard Package	1	1

LR25557 E63810
Except for 3B & 4B Series

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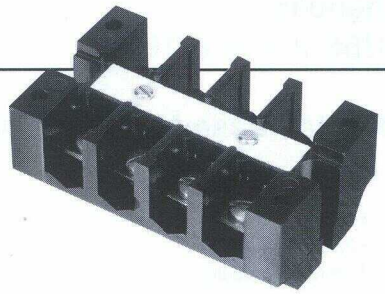

Traditional standard in the heavy industrial, rail transport, utility and traffic control industries. The rugged, one-piece construction finds wide application in dirty and vibration-prone environments.

- Two, four, six. eight and twelve circuit models
- Three contact styles – both strap contacts rated at 50A; tubular contact conservatively rated at 70A
- Tubular screw contact accepts up to 6 AWG; strap screw and strap clamp accept wire 8 AWG and smaller
- Dovetail base mounts on standard size channel
- Pilot point screws with strap screw and clamp contacts speed installation time
- Easily identifiable circuits – use plain white marking strip supplied with each block
- No assembly required – each block is a single, easily installed unit

SPECIFICATIONS

CENTER-TO-CENTER SPACING: .63 in. CL

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

AMPACITY: For a single 6 AWG, wire the maximum amperage recommended to 70A

HOUSING:

Material	PHENOLIC Filled, flame retardant
Maximum Service Temperature	150°C (302°F)
Dielectric Strength (RH40% at sea level)	300V/mil thickness (per ASTM D149)
UL High Voltage Arc Tracking (in./min.)	.49-.58
Water Absorption (24 hrs.% weight gain)	0.45% (per ASTM D570)
Flammability	94V-1 (per UL94)
Chemical Resistance	Resistance to acids, alkalies, and aliphatic hydrocarbons and ketones (per ASTM D543)
Radiation Resistance (ergs g^{-1} (C))	2.7×10^8 min.
Color	Black

CONTACT:

Material	STANDARD CONTACTS Electrical grade copper or copper alloy conductor. Steel screws plated to resist corrosion in most industrial applications.
Wire Range	Strap Screw: 18-8 AWG solid or stranded Strap Clamp: 18-8 AWG solid or stranded Tubular Screw: 14-6 AWG solid or stranded
Wire Strip Length	Strap Screw: As needed for lugging Strap Clamp: 1/2 in. Tubular Screw: 1/2 in.
Screw Type	Strap Screw: 10-32 binding head Strap Clamp: 8-32 pan head w/clamp & lockwasher Tubular Screw: 1/4 - 28 set screw
Strap Screw	Maximum width of lugs: 7/16 in.

WIRE RANGE: Solid or Stranded

Tubular Clamp

1 #6 AWG, 1 #8 AWG, 1 or 2 #10 AWG, 1 or 2 #12 AWG, 1 to 3 #14 AWG, 1 #10 & 1 #12 AWG, 1 #12 & 1 #14 AWG

Strap Clamp

1 #18 through 1 #8 AWG

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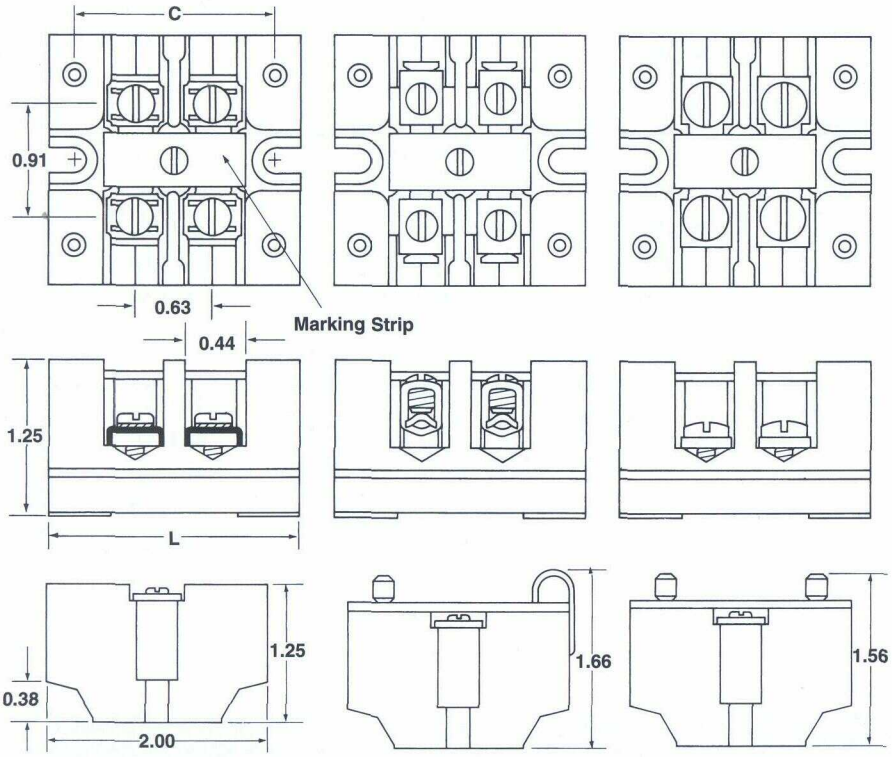
Dovetail Base Mounted On Standard #60 Channel

Standard Block

Strap Clamp | Tubular Clamp | Strap Screw



Dimensions

No. of Circuits	C	L
2	1.63	2.0
4	2.88	3.25
6	4.13	4.50
8	5.38	5.75
12	7.88	8.25

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Dimensions shown are for reference only. Dimensions are in inches.