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**RAIL & BASE MOUNT TERMINAL BLOCKS**

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**DOUBLE ROW TERMINAL BLOCKS**

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Get the latest, most up-to-date specification data on products listed in this catalog by calling Bussmann Information Fax.

BIF is a simple to use automated fax response system. No need to wait for normal business hours, BIF is available around the clock for your convenience. All you need is a touch-tone telephone and a fax machine to get specification data when you want it.

A BIF document number is indicated with each product in this catalog. To get a detailed specification sheet simply call 314-527-1450 and follow the prompts. In a matter of minutes, a data sheet will be faxed to you. It's that simple!

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Printed in U.S.A.
Bussmann Circuit Components

Bussmann Circuit Components has the most complete selection of barrier style terminal blocks in North America. The MAGNUM® brand pioneered the development of high barrier, unbreakable single-row terminal strips for electrical/electronic equipment. Accepted nationally, Magnum is a leader in the field of terminal blocks, boards or strips.

Molded of flexible, resilient thermoplastic which eliminates barrier and strip breakage and enables molding much longer strips for convenience and utility, it is lighter than thermoset phenolic. Rated at 94VO, it also offers higher dimensional accuracy, higher insulating quality and lower heat absorption during wave soldering.

Complementing its full electronic product line, BCC offers Double Row Terminal Blocks, which are one of the most widely used devices for terminating wires. Versatile and cost effective, only a screwdriver is needed for installation, eliminating time consuming splicing. High density circuitry conserves panel space with a variety of termination styles. Increased insulation is provided to stop leakage and short circuits. In the field, the high costs of changes are reduced by simply rearranging wire. Other BCC terminal block products include junction blocks, power distribution blocks, sectional terminal blocks, 35mm DIN Rail terminal blocks, I/O connectors and MAG-MASTER® interface systems.

The BCC design team is organized into three product areas: Terminal Blocks, Circuit Breakers and Custom Products. Thus, we concentrate our efforts on creative designs and practical solutions for customer needs. Our design engineers use state-of-the-art technology including advanced computer aided design techniques. Employing high-tech methods enables BCC to rapidly transform design ideas into working models, expedited by our in-house model shop. Prototypes are ready in weeks . . . not months.

BCC maintains a complete lab facility for performing UL, CSA & IEC qualification testing. This saves time and money by eliminating costly expenses and procedures involved in gaining approvals.

To keep in touch with ever-changing industry advances, BCC actively participates in respected industry organizations including NEMA, SAE, and UL. Our design engineers hold positions on several committees that influence the establishment of industry standards.

Quality parts are produced by employees with an average of 10 years’ experience with BCC. Employees take great pride in their workmanship and the success of Bussmann Circuit Components. Their strong work ethic along with quality assembly equipment assures highly reliable products.

The BCC commitment to quality parts and service is apparent throughout the production process. Our comprehensive quality systems are based on the Total Quality Management philosophy. They start with conceptual design and encompass every functional area of BCC. Employee training, Continuous Quality Improvement Programs, Failure Mode Effects Analysis (FMEA), CP and Cpk statistical methods and the use of process and quality control documents such as SPC are all used. These systems measure both company and supplier activities providing the framework that ensures quality products. ISO 9000 Quality Standards are fully respected and current agency compliances include UL, CSA, VDE, IEC and SAE. BCC has been the recipient of several quality assurance certifications including the prestigious “Ford Q1” Award.

When searching for a solution to your electronic circuit protection or connection needs, you can rely on Bussmann Circuit Components.

Get Connected With Us.
Series NDN Rail Mount Terminal Blocks
35mm DIN Rail Compatible

High density design: Up to 48 circuits per foot
Clamping collar: Secures wires
Large, captive, wire-ready screws: Speeds assembly
Snap-on installation to DIN rail: Fast, easy assembly
Fully shielded construction: 600V spacings
Unique one-piece construction: Increases reliability
Thermoplastic moldings: Strong and impact resistant
Material: UL Recognized 94V-2 thermoplastic
Collars: Heat treated stainless steel
Terminals: Tin plated copper alloy
Screws: Zinc plated steel
Approvals: UL E62622; CSA LR15364; CE Pending

NDN63
Accepts wires larger than standard control circuits

NDN3
Space saving 3-pole unit

NDNF1
Single pole fuseholder accepts 13/32” x 1-1/2” fuses

NDN63
90 Amp block

NDN1/NDN111
Heavy-duty

NDNV4
High Density
48 circuits per foot

NDNA200
Universal aluminum
35mm DIN mounting rail

Series NDN Terminal Block Accessories

NDNA
35mm DIN rail
Aluminum
NDNA 100 1 meter
NDNA 200 2 meters

NDNAS
35mm DIN rail
End Stop

NFTA
C-rail
Aluminum
Lengths to 72”

NRA
C-rail
Low profile
No flange
Aluminum
Lengths to 37-1/2”

SOA72
72” long
Stand-Off Channel
for C-rail

MARKING TAPE
See series specifications

JUMPERS
See series specifications

NDN document: 1400
Rail Mount Terminal Blocks

NDNV4

SPECIFICATIONS
Rating: NDNV4 30A, 600V; UL/CSA
Center spacing: .250” (6.35)
Number of poles: 4
Circuits per foot: 48
Circuit jumper: JN4, 4 circuits
Wire size: AWG #10-22 CU
Screw size: #6-32
Mounting options: 35mm DIN rail, C-rail
Marking tape: MTC6
Torque rating: 18 in/lb max.
Operating temperature: 105°C

NDN3

SPECIFICATIONS
Rating: 30A - field wiring; 40A - factory wiring
600V; UL/CSA
Center spacing: .300” (7.62)
Number of poles: 3
Circuits per foot: 38
Circuit jumper: JNNDN3, 2 circuits
Wire size: AWG #10-22 CU
Screw size: #6-32
Mounting options: 35mm DIN rail, C-rail
Marking tape: MT12-1/2
Torque rating: 18 in/lb max.
Operating temperature: 105°C
Rail Mount Terminal Blocks

**NDN63**

**SPECIFICATIONS**
- **Rating:** 65A, 600V; UL/CSA
- **Center spacing:** .375” (9.52)
- **Number of poles:** 3
- **Circuits per foot:** 30
- **Circuit jumper:** JN3, 2 circuits
- **Wire size:** AWG #6-18 CU
- **Screw size:** #10-32
- **Mounting options:** 35mm DIN rail, C-rail
- **Marking tape:** MT12-1/2
- **Torque rating:** 35 in/lb max.
- **Operating temperature:** 105°C

**NDN111**

**SPECIFICATIONS**
- **Rating:** 90A, 600V
- **Center spacing:** .635” (16.13)
- **Number of poles:** 1
- **Circuits per foot:** 18
- **Wire size:** AWG #2-18 CU
- **Screw size:** 1/4-28
- **Mounting options:** 35mm DIN rail, C-rail
- * Dove-tail option is available for mounting side-by-side. Order part no. NDN1-A.
- **Marking tape:** MT12-1/2
- **Torque rating:** 32 in/lb max.
- **Operating temperature:** 105°C

For complete specification data, call Bussmann Information Fax - 314.527.1450
Rail Mount Terminal Blocks

N512

SPECIFICATIONS
Rating: 5A, 600V; UL/CSA
20A, 300V; UL/CSA
Center spacing: .197" (5.00)
Number of poles: 12
Circuits per foot: 60
Circuit jumper: JN512, 12 circuits
Wire size: AWG #12-22 CU
Screw size: #4-48
Mounting options: C-rail, 15mm DIN rail
Marking tape: AT512
Torque rating: 12 in/lb max.
Operating temperature: 105°C

NFT2

SPECIFICATIONS
Rating: 40A, 600V; UL/CSA;
55A Factory Wired
Center spacing: .281" (7.13)
Number of poles: 2
Circuits per foot: 38
Circuit jumper: JN2, 2 circuits
Wire size: AWG #8-22 CU
Screw size: #8-32
Mounting options: C-rail
Marking tape: MT12-1/2
Torque rating: 18 in/lb max.
Operating temperature: 105°C

NFT3

SPECIFICATIONS
Rating: 40A, 600V; UL/CSA;
55A Factory Wired
Center spacing: .390" (9.91)
Number of poles: 3
Circuits per foot: 28
Circuit jumper: JN3, 2 circuits
Wire size: AWG #8-22 CU
Screw size: #8-32
Mounting options: C-rail
Marking tape: MT12-1/2
Torque rating: 18 in/lb max.
Operating temperature: 105°C

For complete specification data, call Bussmann Information Fax – 314.527.1450
Rail & Base Mount Terminal Blocks

NC3

SPECIFICATIONS
Rating: 175A, 600V; UL/CSA
Center spacing: 1.06” (26.92)
Number of poles: 3
Circuits per foot: 11
Wire size: 2/0-#14 CU/AL
Screw size: 5/16-24
Mounting options: C-rail, Base Mount
Marking tape: MT12-1/2
Torque rating: 45 in/lb max.
Operating temperature: 105°C

NSE3

SPECIFICATIONS
Rating: 115A, 600V; UL/CSA
Center spacing: 1.06” (26.92)
Number of poles: 3
Circuits per foot: 11
Circuit jumper: JNSE3, 2 circuits
Wire size: For use with wire crimped to ring terminal.
Screw size: 1/4-28
Mounting options: C-rail, Base Mount
Marking tape: MT12-1/2
Operating temperature: 105°C

NSS3

SPECIFICATIONS
Rating: 30A, 600V; UL/CSA
Center spacing: .385” (9.77)
Number of poles: 3
Circuits per foot: 28
Circuit jumper: JNSS3, 2 circuits
Wire size: For use with wire crimped to ring terminal.
Screw size: #6-32
Mounting options: C-rail
Marking tape: MT12-1/2
Operating temperature: 105°C

For complete specification data, call Bussmann Information Fax - 314.527.1450
Depluggable Rail Mount Terminal Blocks

PLU3

SPECIFICATIONS
Rating: 40A, 600V; UL/CSA
Center spacing: .390" (9.91)
Number of poles: 3
Circuits per foot: 28
Circuit jumper: JN3, 2 circuits
Wire size: AWG #6-22 CU
Screw size: #8-32
Mounting options: C-rail, Stackable
Marking tape: MT12-1/2
Torque rating: 18 in/lb max.
Operating temperature: 105°C

PLU1 Series

SPECIFICATIONS
Rating: 70A, 600V; UL/CSA
Center spacing: .625" (15.88)
Number of poles: 1-3
PLU1 (1 pole)
PLU11 (2 pole)
PLU111 (3 pole)
Circuits per foot: 19
Circuit jumper: JN1, 2 circuits
Wire size: AWG #4-18 CU
Screw size: 1/4-28
Mounting options: C-rail, Stackable
Marking tape: MT12-1/2
Torque rating: 32 in/lb max.
Operating temperature: 105°C

PSU1 Series

SPECIFICATIONS
Rating: 45A*, 600V; UL/CSA
*45A rating achieved with ring terminal crimped to wire.
Center spacing: .625" (15.88)
Number of poles: 1-3
PSU1 (1 pole)
PSU11 (2 pole)
PSU111 (3 pole)
Circuits per foot: 19
Wire size: For use with crimp on connectors only.
Screw size: #10-32
Mounting options: C-rail, Stackable
Marking tape: MT12-1/2
Torque rating: 32 in/lb max.
Operating temperature: 105°C
Base Mount Terminal Blocks

**KT3**

**SPECIFICATIONS**
- Rating: 40A, 600V; UL/CSA
- Center spacing: .390" (9.91)
- Number of poles: 3
- Circuits per foot: 28
- Circuit jumper: JN3, 2 circuits
- Wire size: #8-22 CU
- Screw size: #8-32
- Mounting options: Base Mount, Stackable
- Marking tape: MT12-1/2
- Torque rating: 18 in/lb max.
- Operating temperature: 105°C

*BIF document: 1412* End Mount Adapter Optional

**KT4**

**SPECIFICATIONS**
- Rating: 30A, 600V; UL/CSA
- Center spacing: .250" (6.35)
- Number of poles: 4
- Circuits per foot: 48
- Circuit jumper: JN4, 4 circuits
- Wire size: AWG #10-22 CU
- Screw size: #6-32
- Mounting options: Base Mount
- Mounting screws recommended every 12 circuits.
- Marking tape: MTC6
- Torque rating: 18 in/lb max.
- Operating temperature: 105°C

*BIF document: 1413*

**PLK3**

**SPECIFICATIONS**
- Rating: 40A, 600V; UL
- Center spacing: .390" (9.91)
- Number of poles: 3
- Circuits per foot: 28
- Circuit jumper: JN3, 2 circuits
- Wire size: AWG #8-22 CU
- Screw size: #8-32
- Mounting options: Base Mount, Stackable; End Piece (Part No. KAD) is required for mounting. Mounting screws recommended every 15 circuits.
- Marking tape: MT12-1/2
- Torque rating: 18 in/lb max.
- Operating temperature: 105°C

*BIF document: 1414*
Quick Connect Terminal Blocks

**NTQ23**

**SPECIFICATIONS**

- **Rating:** 40A, 600V
- **Center spacing:** .390” (9.91)
- **Number of poles:** 3
- **Circuits per foot:** 28
- **Wire size:** AWG #8-22 CU
- **Screw size:** #8-32
- **Mounting options:** C-rail
- **Marking tape:** MT12-1/2
- **Torque rating:** 18 in/lb max.
- **Operating temperature:** 105°C

**BNQ21**

**SPECIFICATIONS**

- **Rating:** 40A, 600V; UL/CSA
- **Center spacing:** .437” (11.10)
- **Number of poles:** 1
- **Circuits per foot:** 24
- **Wire size:** AWG #8-22 CU
- **Screw size:** #8-32
- **Quick Connects:** .250” x .031”
- **Mounting options:** Base Mount, Stackable; End Piece (Part No. BQE) is required for mounting. Mounting screws recommended every 8 circuits.
- **Torque rating:** 18 in/lb max.
- **Operating temperature:** 105°C

**BQQ41**

**SPECIFICATIONS**

- **Rating:** 30A, 600V; UL/CSA
- **Center spacing:** .437” (11.10)
- **Number of poles:** 1
- **Circuits per foot:** 24
- **Wire size:** For use with quick connect terminals only.
- **Quick Connects:** .250” x .031”
- **Mounting options:** Base Mount, Stackable; End Piece (Part No. BQE) is required for mounting. Mounting screws recommended every 8 circuits.
- **Operating temperature:** 105°C
**Rail Mount Fuse Holders**

### NDNF1

**SPECIFICATIONS**
- **Rating:** 30A, 600V; UL/CSA
- **Number of poles:** 1
- **Fuse size:** 13/32" x 1-1/2"
  
  BCC recommends Buss® KTK-R, FNQ-R or equivalent.
- **Circuit jumper:** JF1, 2 circuits
- **Wire size:** AWG #8-22 CU
- **Mounting options:** 35mm DIN rail, C-rail
- **Fuse Pullers:** PF1 (standard);
  
  *LPF1 (lighted neon or incandescent bulb).
- **Marking tape:** MT12-1/2
- **Torque rating:** 18 in/lb max.
- **Operating temperature:** 105°C

### NDND1 non-fused disconnect enables isolation of individual circuits for testing

### NDNFD1 fused disconnect block

### NDNLFD1 fused disconnect with visual indicator* for blown fuse

**SPECIFICATIONS**
- **Ratings:**
  - NDN1D: 30A, 600V; UL/CSA
  - NDNFD1: 15A, 600V; CSA
  - NDNLFD1: 15A, 600V
- **Number of poles:** 1
- **Fuse size:** 1/4" x 1-1/4"
  
  BCC recommends Buss® AGC, MDL or equivalent.
- **Circuit jumper:** JF1, 2 circuits
- **Wire size:** AWG #8-22 CU
- **Mounting options:** 35mm DIN rail, C-rail
- **Marking tape:** MT12-1/2
- **Torque rating:** 18 in/lb max.
- **Operating temperature:** 105°C

*Visual indicator for blown fuse is neon or incandescent bulb, depending on voltage. Specify voltage required.

**BIF document: 1418**

For complete specification data, call Bussmann Information Fax ~ 314.527.1450
Rail Mount Circuit Breakers

UB Series

SPECIFICATIONS
Rating: .5 - 15A, 250VAC/65VDC; UL*/CSA/VDE
*For 9A - 15A units, UL voltage ratings: 125VAC/65VDC
Number of poles: 1
Max. interrupt cap.: 200A, but not over 100 times rated current.
Life: 4,000 cyc. 200% rated current; 6,000 cyc. rated current
Dielectric strength: 1,500VAC
Insulation resist: 100 Megohms
Mounting options: 35mm DIN rail, C-rail (Adapter required for C-rail)
Weight: 3.2 oz.

Tripping Times in Seconds at 70°F

<table>
<thead>
<tr>
<th>Percent rated current</th>
<th>100%</th>
<th>200%</th>
<th>300%</th>
<th>400%</th>
<th>500%</th>
<th>600%</th>
<th>1000%</th>
<th>2000%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tripping time</td>
<td>no trip</td>
<td>10 - 40</td>
<td>3 - 18</td>
<td>1.5 - 9</td>
<td>.8 - 6</td>
<td>.003 - 4</td>
<td>.003 - 2</td>
<td>max. .02</td>
</tr>
</tbody>
</table>

For elevated ambient temperatures, find proper current rating of circuit breaker by multiplying actual full load current with these factors. Select closest (higher) amp rating.

Temperature

<table>
<thead>
<tr>
<th>Temperature</th>
<th>100°F (37.8°C)</th>
<th>120°F (48.9°C)</th>
<th>140°F (60°C)</th>
<th>160°F (71.1°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factor</td>
<td>1.1</td>
<td>1.2</td>
<td>1.3</td>
<td>1.4</td>
</tr>
</tbody>
</table>

Standard Current Ratings

<table>
<thead>
<tr>
<th>Amps</th>
<th>Ohms</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>8.000</td>
</tr>
<tr>
<td>1.0</td>
<td>1.900</td>
</tr>
<tr>
<td>1.5</td>
<td>0.900</td>
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<tr>
<td>2.0</td>
<td>0.480</td>
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<tr>
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<td>3.0</td>
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<tr>
<td>3.5</td>
<td>0.160</td>
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<td>4.0</td>
<td>0.130</td>
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<tr>
<td>4.5</td>
<td>0.085</td>
</tr>
<tr>
<td>5.0</td>
<td>0.076</td>
</tr>
<tr>
<td>5.5</td>
<td>0.064</td>
</tr>
</tbody>
</table>

Part Numbering System

Series Amperage

005 – 150 (.5A – 15A)

Notes: Pressure connector is UL/CSA
Recognized for field wiring.
Contact factory for ratings below 1A.
**Series 15188**  
Disconnect Terminal Blocks for 35mm DIN Rail Mount

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Rating</th>
<th>30A; 600V*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center spacing</td>
<td>.375” (9.52 mm)</td>
</tr>
<tr>
<td>Wire Size</td>
<td>AWG #12–16 CU</td>
</tr>
<tr>
<td>Screw Size</td>
<td>#6-32 zinc plated philsot</td>
</tr>
<tr>
<td>Number of poles</td>
<td>3 and 4 pole only</td>
</tr>
<tr>
<td>Mounting</td>
<td>35mm DIN Rail</td>
</tr>
<tr>
<td>Optional End Stop NDNAS (shown on pg 4).</td>
<td></td>
</tr>
<tr>
<td>Jumpers</td>
<td>2 through 4-pole available</td>
</tr>
<tr>
<td>Torque rating</td>
<td>12 in/lb max.</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>120°C</td>
</tr>
<tr>
<td>Approvals</td>
<td>UL E62622; CSA LR15364; CE Pending</td>
</tr>
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</table>

*60A rating achieved with #10AWG wire crimped to ring terminal; 25A without.

<table>
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<tr>
<th>Assembly</th>
<th>ORIENTATION</th>
<th>Reverse</th>
<th>In-Line</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Pole</td>
<td>15188-3R</td>
<td>15188-3</td>
<td></td>
</tr>
<tr>
<td>4 Pole</td>
<td>15188-4R</td>
<td>15188-4</td>
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</tr>
</tbody>
</table>

* Includes male and female disconnect terminal block assembly.

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REVERSE WIRING DIRECTION

IN-LINE WIRING DIRECTION

---

For complete specification data, call Bussmann Information Fax – 314.527.1450
Series KU
Base Mount Double Row Terminal Blocks

SPECIFICATIONS
Rating: 60A, 600V*
Center Spacing: .625” (15.88 mm)
Number of poles: 2 - 12
Wire Size: AWG #6 CU max.
Screw Size: #10-32 brass nickel plated
Torque Rating: 20 in/lb max.
Distance Between Barriers: .437” (11.09 mm)
Mounting: Base mount. For 35mm DIN rail mountable, consult factory.
Operating Temperature: 105°C max.
Approvals: UL E62622; CSA LR15364; CE Pending

<table>
<thead>
<tr>
<th>No. of Poles</th>
<th>KU A</th>
<th>B</th>
<th>KUX only A</th>
</tr>
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<tbody>
<tr>
<td>2</td>
<td>2.50</td>
<td>1.62</td>
<td>2.00</td>
</tr>
<tr>
<td>3</td>
<td>3.12</td>
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<td>4.37</td>
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<td>7.87</td>
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</tr>
</tbody>
</table>

Dimensions in inches. To convert to millimeters, multiply by 25.4.

*60A rating achieved with #6 copper wire crimped to ring terminal

Part Numbering System

<table>
<thead>
<tr>
<th>Series</th>
<th>Poles</th>
<th>Screw Options</th>
<th>Covers</th>
<th>Marking Strip</th>
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<tr>
<td>KU</td>
<td>2 to 12</td>
<td>O0 - screws shipped bulk</td>
<td>WC - Top cover &amp; 2 end plates</td>
<td>MT - Matte finish</td>
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<td>B - brass washer head, no plating</td>
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<td>PT - Marker strip for cover</td>
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Accessories

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<th>NUM##</th>
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<th>JU12</th>
<th>Jumper 12 Circuits</th>
<th>NUE</th>
<th>End Piece for NUC</th>
<th>NUC## Cover</th>
</tr>
</thead>
</table>

For complete specification data, call Bussmann Information Fax – 314.527.1450

BIF document: 1421
Series TB100
Double Row Terminal Blocks

SPECIFICATIONS
Rating: UL: 20A, 250V*
CSA: 20A; 150V*
Center Spacing: .375" (9.52 mm)
Wire Size: #14 - #22 AWG CU
Screw Size: #6-32 zinc plated philslot screws
Torque Rating: Max. torque for #6 screws - 9 in/lb.
Distance Between Barriers: .30" (7.62 mm)
Mounting: #6 screws
Materials: Molded base: Black, UL rated 94V-0 thermoplastic
Terminal plating: Tin over brass; Screws: Zinc plated steel
finished with a clear chromate and special coating to inhibit rust.
Hardware: Tin over brass
Operating Temperature: 260°F (130°C) max., -40°F (-40°C) min.
Creepage Paths: Terminal-to-terminal .275" (6.99 mm);
Terminal-to-mounting surface .300" (7.62 mm).
Breakdown Voltage: 3600V rms
Approvals: UL E62622; CSA LR15364; IEC Compliance; CE Pending
* Max. rating shown; some options may be rated lower - consult factory.

<table>
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<th>Poles</th>
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* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Part Numbering System

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<thead>
<tr>
<th>Series</th>
<th>Poles</th>
<th>Screw Options</th>
<th>Marking</th>
<th>Hardware Options</th>
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<tbody>
<tr>
<td>TB100</td>
<td>02 to 36</td>
<td>Blank - std. screws</td>
<td>L1 to L6 - std. marking</td>
<td>QC1 to QC20 - quick connects</td>
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<td>00 - screws shipped bulk</td>
<td>Marker strips (pg 23)</td>
<td>Covers (pg 22)</td>
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<tr>
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<td></td>
<td>B - brass philslot, nickel plated</td>
<td>BS - brass Sems philslot, nickel plated</td>
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<tr>
<td></td>
<td></td>
<td>SP - steel Sems philslot, zinc plated</td>
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</tbody>
</table>

BIF document: 1422
### Screw Options

- **B**: Brass Philslot Nickel Plated
- **BS**: Brass SEMS Philslot Nickel Plated
- **SP**: Steel SEMS Philslot Zinc Plated

### Hardware Options

**Quick Connects – Assembled**
- Terminals .187" x .020". Max. current rating 13 Amps. For other orientations, contact factory.
- QC1, QC2, QC3, QC4, QC5, QC6, QC7, QC8, QC9, QC10, QC11, QC12, QC13, QC14, QC15, QC16, QC17, QC18, QC19, QC20

**Quick Connects – Bulk**
- Min. order per part no. – 100 pieces.
- QC101 Flat – none
- QC102 QC 45° – none
- QC103 QC 90° – none
- QC104 Flat – Flat
- QC105 Flat – QC 45°
- QC106 Flat – QC 90°
- QC107 QC 45° – QC 45°
- QC108 QC 45° – QC 90°
- QC109 QC 90° – QC 90°

**Jumpers – Bulk**
- .020" thick tin plated brass. Min. order per part no. – 100 pieces. Contact factory for jumper assembly.
- J101 Flat slip-on
- QJ2 Slip-on over barrier
- QJ4 Closed over barrier
Series TB200 & TB200HB
Double Row Terminal Blocks

SPECIFICATIONS
Rating: TB200 – 20A, 300V*
       TB200HB – 20A, 600V*
Center Spacing: .437" (11.10 mm)
Wire Size: #12 - 22 AWG CU
Screw Size: #6-32 zinc plated philslot screws
Torque Rating: Max. torque for #6 screws - 9 in/lb.
Distance Between Barriers: .353" (9.97 mm)
Mounting: #6 screws
Materials: Molded base: Black, UL rated 94V-0 thermoplastic
Terminal plating: Tin over brass; Screws: Zinc plated steel
finished with a clear chromate and special coating to inhibit rust
Hardware: Tin over brass
Operating Temperature: 260°F (130°C) max., -40°F (-40°C) min.
Creepage Paths: Terminal-to-terminal .400" (10.16 mm);
Terminal-to-mounting surface .375" (9.92 mm)
Breakdown Voltage: 4800V rms
Approvals: UL E62622; CSA LR15364; IEC Compliance; CE Pending
* Max. rating shown; some options may be rated lower - consult factory.

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* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Part Numbering System

<table>
<thead>
<tr>
<th>Series</th>
<th>Poles</th>
<th>Screw Options</th>
<th>Marking</th>
<th>Hardware Options</th>
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<tbody>
<tr>
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<td>Blank - std. screws</td>
<td>L1 to L6 - std. marking</td>
<td>QC1 to QC20 - quick connects</td>
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<td>200HB</td>
<td>OO - screws shipped bulk</td>
<td>Marker strips (pg 23)</td>
<td>Covers (pg 22)</td>
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</tbody>
</table>

BIF document: 1423
**Screw Options**

- **B** Brass Philslot Nickel Plated
- **BS** Brass SEMS Philslot Zinc Plated
- **SP** Steel SEMS Philslot Zinc Plated

**Hardware Options**

**Quick Connects – Assembled**

Terminals .250” x .031”. Max. current rating 24 Amps. For other orientations, contact factory.

QC1  QC2  QC3  QC4  QC5  QC6  QC7
QC8  QC9  QC10  QC11  QC12  QC13
QC14  QC15  QC16  QC17  QC18  QC19  QC20

**Quick Connects – Bulk**

Min. order per part no. – 100 pieces.

QC201 Flat – none  QC202 QC 45° – none  QC203 QC 90° – none
QC204 Flat – Flat  QC205 Flat – QC 45°
QC206 Flat – QC 90°  QC207 QC 45° – QC 45°  QC208 QC 45° – QC 90°  QC209 QC 90° – QC 90°

**Jumpers – Bulk**

.020” thick tin plated brass. Min. order per part no. – 100 pieces. Contact factory for jumper assembly.

J201 Flat slip-on (Not available on TB200HB)  OJ3 Slip-on over barrier  OJ7 Closed over barrier
Series TB300 & TB345
Double Row Terminal Blocks

SPECIFICATIONS
Rating: TB300 – 30A, 600V*
TB345 – 45A, 600V*
Center Spacing: .562” (14.28 mm).
Wire Size: #10 - 22 AWG CU
Screw Size: TB300 – #8-32 zinc plated philslot screws
TB345 – #10-32 zinc plated philslot screws
Torque Rating: Max. torque for #8 screws - 16 in/lb;
#10 screws - 20 in/lb.
Distance Between Barriers: .412” (10.46 mm)
Mounting: #10 screws
Material: Molded base: Black, UL rated 94V-0 thermoplastic
Terminal plating: Tin over brass; Screws: Zinc plated steel
finished with a clear chromate and special coating to inhibit rust
Hardware: Tin over brass
Operating Temperature: 260°F (130°C) max., -40°F (-40°C) min.
Creepage Paths: Terminal-to-terminal .500” (12.70 mm);
Terminal-to-mounting surface .450” (11.43 mm)
Breakdown Voltage: 7500V rms
Approvals: UL E62622; CSA LR15364; IEC Compliance; CE Pending
* Max. rating shown; some options may be rated lower - consult factory.

<table>
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<tr>
<th>Poles</th>
<th>A</th>
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<th>Poles</th>
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* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Part Numbering System

<table>
<thead>
<tr>
<th>Series</th>
<th>TB</th>
<th>B</th>
<th>Poles</th>
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<th>Marking</th>
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<td>Blank - std. screws</td>
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<td>QC1 to QC20 - quick connects</td>
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<td>Marker strips (pg 23)</td>
<td>(TB300 only)</td>
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<td>B</td>
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<td>Covers (pg 22)</td>
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<td>SP - steel Sems philslot, zinc plated</td>
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</table>
**Screw Options**

- B Brass Philips
- BS Brass SEMS Philips
- SP Steel SEMS Philips

**Hardware Options**

**Quick Connects – Assembled** *TB300 only.* Terminals .250” x .031”. Max. current rating 24 Amps. For other orientations, contact factory.

![Quick Connects - Assembled](image)

**Quick Connects – Bulk** *TB300 only.* Min. order per part no. – 100 pieces.

![Quick Connects - Bulk](image)

**Jumpers – Bulk** .020” thick tin plated brass. Min. order per part no. – 100 pieces. Contact factory for jumper assembly.

![Jumpers](image)

For complete specification data, call Bussmann Information Fax – 314.527.1450

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*Courtesy of Steven Engineering, Inc.*

- 230 Ryan Way, South San Francisco, CA, 94080-6370
- Main Office: (650) 588-9200
- Outside Local Area: (800) 258-9200
- www.stevenengineering.com
Series TB400
Double Row Terminal Blocks

SPECIFICATIONS
Rating: 75A, 600V*
* 30A max. with #10 AWG; 75A max. achieved with #4 AWG wire crimped to ring terminal.
Center Spacing: .687" (17.45 mm)
Wire Size: #10 - 14 AWG CU
Screw Size: #10-32 zinc plated philslot screws
Torque Rating: Max. torque for #10 screw - 20 in/lb.
Distance Between Barriers: .562" (14.27 mm)
Mounting: #10 screws
Material: Molded base: Black, UL rated 94V-0 thermoplastic
Terminal plating: Tin over brass; Screws: Zinc plated steel finished with a clear chromate and special coating to inhibit rust
Operating Temperature: 260°F (130°C) max., -40°F (-40°C) min.
Creepage Paths: Terminal-to-terminal .598" (15.19 mm);
Terminal-to-mounting surface .542" (13.77 mm)
Breakdown Voltage: 7500V rms
Approvals: UL E62622; CSA LR15364; IEC Compliance; CE Pending

<table>
<thead>
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<th>Poles</th>
<th>A</th>
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<tr>
<td>07</td>
<td>5.95</td>
<td>5.50</td>
</tr>
<tr>
<td>08</td>
<td>6.64</td>
<td>6.19</td>
</tr>
<tr>
<td>09</td>
<td>7.33</td>
<td>6.88</td>
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<tr>
<td>10</td>
<td>8.01</td>
<td>7.56</td>
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<tr>
<td>11</td>
<td>8.70</td>
<td>8.25</td>
</tr>
<tr>
<td>12</td>
<td>9.39</td>
<td>8.94</td>
</tr>
</tbody>
</table>

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Screw Options

B
Brass Philslot
Nickel Plated

Part Numbering System

<table>
<thead>
<tr>
<th>Series</th>
<th>Poles</th>
<th>Screw Options</th>
<th>Marking</th>
<th>Hardware Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>T  B  4 0  0</td>
<td>02 to 12</td>
<td>Blank - std. screws</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Part Numbering System

TB400

Inches (mm)

Closed bottom

A' - A'

1.34 (34.00)

.46 (11.70)

1.81 (46.00)

.22 dia. (5.60)

.68 (17.40)

.68 (17.40)

1.12 (28.40)

.625 (15.90)

.22 dia. (5.60)

.68 (17.40)

1.61 (40.60)

.76 (19.30)

00 - screws shipped bulk
B - brass philslot, nickel plated

BIF document: 1425

For complete specification data, call Bussmann Information Fax - 314.527.1450
All Series Marking Options & Accessories
Double Row Terminal Blocks

Marking Options

Standard Marking

Standard markings are applied directly to the side(s) of a block. Standard color is white. Standard height is .125".

Note: Blocks marked on both sides require a different code for each side. Example Style L1 on one side of the block requires Style L2 on the other side to ensure common terminal marking. To order, add appropriate suffix (L1, L2, L3, L4, L5 and/or L6) to block part number in the proper sequence.

Note: Not available on TB400 Series

Special Marking

Special markings are available at an additional charge for preparation. Production charges for setup, handling and marking are the same as for standard marking. Drawing(s) must be submitted to ensure accuracy of part required. Consult factory for price and delivery.

Covers

Covers prevent personnel, screws and foreign items from contacting live terminals. Available in white or clear plastic. Two cover clips supplied with each cover. Cover width is 1.31 inches.

All covers must be ordered separately. Consult factory for special legends.

Example: 10 position cover, white, TB100 Series, no legends . . . Part # is X12010.

Part Numbering System

Series  | Cover Strip  | Poles  | Cover Clips – Bulk
---|---|---|---
X  | 120 - TB100/white  | 02 to 36 (TB100)  | Part Number
119 - TB100/clear  | 02 to 30 (TB200/TB200HB)  | DD1 – TB100 Series
220 - TB200 & TB200HB* - white  | 02 to 24 (TB300/TB345)  | DD2 – TB200 Series
219 - TB200 & TB200HB* - clear  |  | DD2HB – TB200HB Series
320 - TB300 & TB345 - white  |  | DD3 – TB300 Series
319 - TB300 & TB345 - clear  |  |  |

Note: Not available on TB400 Series.

* For use on TB200HB, specify HB after Part No. i.e., X21902HB

BIF document: 1426
Top & Bottom Marking Strips

Double Row Terminal Blocks

Top Marker Strips

Top mounting marker strips are available in white (opaque) plastic. Two cover clips are supplied with each marker strip.

All top marker strips must be ordered separately. Consult factory for special legends.

Example: 12 position cover, TB200, .032" x .312", with no legends . . . Part # is X20312.

Example: 12 position cover, TB200HB, .060" x .500", with no legends . . . Part # is X23312HB.

Part Numbering System

Series  | Top Marker Strip  | Poles  | Orientation
--- | --- | --- | ---
**X** | 133 - TB100 (.060 thk x .500w) | 02 to 36 (TB100) | BF – bottom forward
103 - TB100 (.032 thk x .312w) | 02 to 30 (TB200/TB200HB)* | BR – bottom reverse
233 - TB200 & TB200HB* (.060 thk x .500w) | 02 to 24 (TB300/TB345) | TF – top forward
203 - TB200 & TB200HB* (.032 thk x .312w) | | TR – top reverse
333 - TB300 & TB345 (.060 thk x .500w) | | Note: Not available on TB400 Series.
303 - TB300 & TB345 (.032 thk x .380w) | |

Bottom Marker Strips

Bottom mounting marker strips are made of black PVC, .030" thick. Space is available to handle most marking situations. All marker strips must be ordered separately.

To order, specify part number, required legends and (BF) bottom forward, (BR) bottom reverse, (TF) top forward, or (TR) top reverse. Consult factory for specials.

Example: 13 position strip, TB100 with no legends, space for marking one side . . . Part # is X10S13.

Position for legends (one side, two sides) can be specified standard. Standard legend height is .125". Standard legends are 0-99. Special legends are available on special order. Drawing(s) must be submitted to ensure accuracy of part required.

Part Numbering System

Series  | Bottom Marker Strip  | Poles  | Orientation
--- | --- | --- | ---
**X** | 105 - TB100 – marking one side | 02 to 36 (TB100) | BF – bottom forward
101 - TB100 – marking both sides | 02 to 30 (TB200/TB200HB)* | BR – bottom reverse
205 - TB200 – marking one side | 02 to 24 (TB300/TB345) | TF – top forward
201 - TB200 – marking both sides | | TR – top reverse
295 - TB200HB – marking one side | | Note: Not available on TB400 Series.
291 - TB200HB – marking both sides | |
Power Blocks
Series 11675 & 11725

Quick-Connect Power Distribution Blocks

Series 11675

SPECIFICATIONS
Ratings: 40A, 250V; UL/CSA
Poles: 2 to 6 poles with (3) .250” quick-connect terminals per pole.
Input wire sizes: #8 – #14 CU
Torque rating: 18 in/lb max.
Operating temperature: 150°C
Design: Screw connections for field wiring. Quick connects reduce cost of internal wiring.
Agency approvals: UL E62622; CSA LR15364; CE Pending

Series 11725

SPECIFICATIONS
Ratings: 70A, 600V; UL/CSA
Poles: 2, 3 or 4 poles with (4) .250” quick-connect terminals per pole.
Input wire sizes: #2 – #14 CU/#8 AL
Torque rating: 45 in/lb max.
Operating temperature: 150°C
Design: Screw connections for field wiring. Quick connects reduce cost of internal wiring.
Agency approvals: UL E62622; CSA LR15364; CE Pending

BIF document: 1428
Barrier Terminal Blocks

Series 14002

SPECIFICATIONS
Ratings: 115A, 600V; UL/CSA
Poles: 2 to 6 poles
Wire sizes: #2 – #14 CU/#8 AL
Operating temperature: 150°C
Marking: Marking strip optional, consult factory.
Options: CP = Pressure plate, rated 60A, 600V
Q = Quick-Connect, rated 50A, 600V
To order options, enter letter code in front of Part No.: ie; CP14002-2
Agency approvals: UL E62622; CSA LR15364; CE Pending

Dead Front Terminal Blocks

Series 14004

SPECIFICATIONS
Ratings: 90A, 600V; UL/CSA
Poles: 2 to 12 poles
Wire sizes: #4 – #14 CU/#8 AL
Operating temperature: 75°C
Marking: Marking strip optional, consult factory.
Agency approvals: UL E62622; CSA LR15364
Power Blocks

Splicer Terminal Blocks

Series 160, 162, 163 & 165

SPECIFICATIONS

Ratings: To 620A, 600V; UL/CSA. See table.

Materials: Molded material: Black, UL rated 94V-0 thermoplastic

Operating Temperature: 150°C

Marking: Marker strip is optional, consult factory.

Agency approvals: UL E62622 General Industrial Class per UL 1059; CSA LR15364; CE Pending

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Connector Material &amp; Ampacity</th>
<th>Agency Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>*16000 2/0-#6CU-AL</td>
<td>AL-175A</td>
<td>UL –</td>
</tr>
<tr>
<td>*16003 250MCM-#6CU</td>
<td>CU-255A</td>
<td>UL –</td>
</tr>
<tr>
<td>*16005 350MCM-#6CU-AL</td>
<td>AL-310A</td>
<td>UL –</td>
</tr>
<tr>
<td>16200 #2-#14CU/#8AL</td>
<td>AL-115A</td>
<td>UL CSA</td>
</tr>
<tr>
<td>16201 1/0-#14CU</td>
<td>CU-150A</td>
<td>UL CSA</td>
</tr>
<tr>
<td>16204 2/0-#8CU-AL</td>
<td>AL-175A</td>
<td>UL CSA</td>
</tr>
<tr>
<td>16301 250MCM-#6CU</td>
<td>CU-255A</td>
<td>UL CSA</td>
</tr>
<tr>
<td>16303 350MCM-#6CU-AL</td>
<td>AL-310A</td>
<td>UL CSA</td>
</tr>
<tr>
<td>16305 500MCM-#6CU-AL</td>
<td>AL-380A</td>
<td>UL CSA</td>
</tr>
<tr>
<td>16500 (2)350MCM-#4CU-AL</td>
<td>AL-620A</td>
<td>UL CSA</td>
</tr>
<tr>
<td>16504 (2)500MCM-#6CU-AL</td>
<td>AL-760A</td>
<td>UL CSA</td>
</tr>
</tbody>
</table>

* 160 Series Bases have mounting holes outside the barriers. Other bases (162 through 165) have mounting holes within barriers. See dimensional drawings.

Series 160 (2, 3, & 4-pole available)

<table>
<thead>
<tr>
<th>No. of Poles</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>3</td>
<td>2.87</td>
<td>2.87</td>
</tr>
<tr>
<td>4</td>
<td>3.62</td>
<td>3.62</td>
</tr>
</tbody>
</table>

Series 162 & 165 (1, 2, & 3-pole available)

<table>
<thead>
<tr>
<th>Series</th>
<th>A</th>
<th>B</th>
<th>C 1-pole</th>
<th>C 2-pole</th>
<th>C 3-pole</th>
</tr>
</thead>
<tbody>
<tr>
<td>162</td>
<td>2.87</td>
<td>2.25</td>
<td>1.06</td>
<td>1.87</td>
<td>2.68</td>
</tr>
<tr>
<td>163</td>
<td>4.00</td>
<td>3.37</td>
<td>1.96</td>
<td>3.58</td>
<td>5.20</td>
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<tr>
<td>165</td>
<td>5.50</td>
<td>4.75</td>
<td>3.12</td>
<td>5.81</td>
<td>8.50</td>
</tr>
</tbody>
</table>

Series | D | E | F | G | H | J |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>162</td>
<td>1.75</td>
<td>.81</td>
<td>.53</td>
<td>.31</td>
<td>.84</td>
<td>.31</td>
</tr>
<tr>
<td>163</td>
<td>3.32</td>
<td>1.62</td>
<td>.97</td>
<td>.31</td>
<td>.87</td>
<td>.35</td>
</tr>
<tr>
<td>165</td>
<td>3.12</td>
<td>2.68</td>
<td>1.56</td>
<td>.37</td>
<td>1.37</td>
<td>.62</td>
</tr>
</tbody>
</table>
## Specifications

### Ratings
- To 840A, 600V; UL/CSA. See table.

### Materials
- Molded material: Black, UL rated 94V-0 thermoplastic

### Operating Temperature
- 150°C

### Marking
- Marker strip is optional; consult factory.

### Agency approvals
- UL E62622 General Industrial Class per UL 1059; CSA LR15364; CE Pending

### Power Distribution Blocks

**Inches (Millimeters)**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Line Connection</th>
<th>Load Connection</th>
<th>Connector Material &amp; Ampacity</th>
<th>Agency Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>16021</td>
<td>2/0-#14CU/#8AL</td>
<td>AL-175A</td>
<td>UL CSA</td>
<td></td>
</tr>
<tr>
<td>16023</td>
<td>2/0-#14CU/#8AL</td>
<td>AL-310A</td>
<td>UL CSA</td>
<td></td>
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<tr>
<td>16220</td>
<td>2/0-#14CU/#8AL</td>
<td>AL-175A</td>
<td>UL CSA</td>
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<tr>
<td>16321</td>
<td>2/0-#14CU/#8AL</td>
<td>AL-175A</td>
<td>UL CSA</td>
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<tr>
<td>16323</td>
<td>2/0-#14CU/#8AL</td>
<td>AL-310A</td>
<td>UL CSA</td>
<td></td>
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<tr>
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<td>500MCM-#6CU-AL</td>
<td>AL-380A</td>
<td>UL CSA</td>
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<tr>
<td>16332</td>
<td>2/0-#14CU/#8AL</td>
<td>AL-310A</td>
<td>UL CSA</td>
<td></td>
</tr>
<tr>
<td>16337</td>
<td>500MCM-#6CU-AL</td>
<td>AL-380A</td>
<td>UL CSA</td>
<td></td>
</tr>
<tr>
<td>16342</td>
<td>2/0-#14CU/#8AL</td>
<td>AL-310A</td>
<td>UL CSA</td>
<td></td>
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<tr>
<td>16345</td>
<td>500MCM-#6CU-AL</td>
<td>AL-380A</td>
<td>UL CSA</td>
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<tr>
<td>16347</td>
<td>350MCM-#6CU-AL</td>
<td>AL-310A</td>
<td>UL CSA</td>
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<tr>
<td>16352</td>
<td>350MCM-#6CU-AL</td>
<td>AL-310A</td>
<td>UL CSA</td>
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<td>16350</td>
<td>350MCM-#6CU-AL</td>
<td>AL-310A</td>
<td>UL CSA</td>
<td></td>
</tr>
</tbody>
</table>

* 160 Series Bases have mounting holes outside the barriers. Other bases (162 through 165) have mounting holes within barriers. See dimensional drawings.

---

**BIF document: 1431**
Power Blocks

Connector/Stud Power Distribution Blocks

Series 162, 163 & 165

SPECIFICATIONS

Ratings: To 760A, 600V; UL/CSA. See table.

Materials: Molded material: Black, UL rated 94V-0 thermoplastic

Operating Temperature: 150°C

Agency approvals: UL E62622 General Industrial Class per UL 1059. CSA LR15364; CE Pending.

---

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Line Connection</th>
<th>Lead Connection</th>
<th>Connector Material &amp; Ampacity</th>
<th>Agency Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>16280</td>
<td>2/0-#14CU/#8AL</td>
<td>1/4-20x1/2 Stud</td>
<td>AL-175A UL CSA</td>
<td></td>
</tr>
<tr>
<td>16281</td>
<td>2/0-#14CU/#8AL</td>
<td>1/4-20 Tapped hole</td>
<td>AL-175A UL CSA</td>
<td></td>
</tr>
<tr>
<td>16378</td>
<td>500MCM-#6CU-AL (1)</td>
<td>1/4-20x1 Stud</td>
<td>AL-380A UL CSA</td>
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</tr>
<tr>
<td>16383</td>
<td>500MCM-#6CU-AL (1)</td>
<td>3/8-16x1/4 Stud</td>
<td>AL-380A UL CSA</td>
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</tr>
<tr>
<td>16582</td>
<td>500MCM-#6CU-AL (2)</td>
<td>3/8-16x1½ Stud</td>
<td>AL-760A UL CSA</td>
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</tbody>
</table>

Stud to Stud

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Line Connection</th>
<th>Lead Connection</th>
<th>Connector Material &amp; Ampacity</th>
<th>Agency Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>16390</td>
<td>3/8-16x1½ Stud</td>
<td>3/8-16x1½ Stud</td>
<td>CU-250A UL CSA</td>
<td></td>
</tr>
<tr>
<td>16394</td>
<td>1/2-13x1/2 Stud</td>
<td>1/2-13x1/2 Stud</td>
<td>CU-400A UL CSA</td>
<td></td>
</tr>
<tr>
<td>16395</td>
<td>3/8-16x1½ Stud</td>
<td>3/8-16x1½ Stud</td>
<td>CU-310A UL CSA</td>
<td></td>
</tr>
<tr>
<td>16591</td>
<td>3/8-16x1½ Stud</td>
<td>3/8-16x1½ Stud</td>
<td>CU-400A UL CSA</td>
<td></td>
</tr>
<tr>
<td>16593</td>
<td>1/2-13x1 Stud</td>
<td>1/2-13x1 Stud</td>
<td>CU-600A UL CSA</td>
<td></td>
</tr>
</tbody>
</table>

New Option Available on 163 Series Power Blocks

PROTECTIVE COVER TO GUARD AGAINST ACCIDENTAL CONTACT

• Clear with write on surface for field termination identification.
• Available in 1, 2, & 3 poles.

---

For complete specification data, call Bussmann Information Fax ~ 314.527.1450
Power Blocks
Series EN

SPECIFICATIONS
Ratings: 285A, 600V; UL/CSA
Line connector: #300MCM-#6 CU/AL
Load connection: (6)#6-#14 CU/#8 AL
Material: Molded material; Black, UL rated 94V-2 thermoplastic
Operating temperature: 125°C
Agency approvals: UL E62622; CSA LR15364; CE Pending

<table>
<thead>
<tr>
<th>Series</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN61</td>
<td>1.38</td>
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<tr>
<td>EN62</td>
<td>3.15</td>
<td>3.62</td>
</tr>
<tr>
<td>EN63</td>
<td>4.93</td>
<td>5.37</td>
</tr>
</tbody>
</table>

Courtesy of Steven Engineering, Inc. • 230 Ryan Way, South San Francisco, CA, 94080-6370 • Main Office: (650) 588-9200 • Outside Local Area: (800) 588-9200 • www.stevenengineering.com
Wire Management Products

Photo Control Receptacle Series

- 3-pole, 3-wire receptacles for plug-in, locking type photo controls used in outdoor areas and roadway lighting.
- Receptacle configuration, terminals and limiting dimensions are in accordance with Figure 3 of EE Pub. No. TDJ-146, NEMA Pub. No. SH 16-1962 and UL 773.
- Wire types and sizes ranging from #12 AWG through 16 AWG rated at 600V with temperature ratings from 105° to 200°C.
- Hook-up wires are an integral part of the assembly with lengths furnished to customer specification.
- Available with .250 quick-connect terminals in lieu of wire leads (13661-Q).
- UL recognized under file E65288 for a rating of 1 KW or 1800VA for potentials up to 480V.
- CSA certified under file LR21295 for 15 amps at 125V.
- CE Pending.

Part Numbering System

<table>
<thead>
<tr>
<th>Series</th>
<th>Terminal Type</th>
<th>Wire Type</th>
<th>Wire Gauge</th>
<th>Wire Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>13661</td>
<td>W = Wire</td>
<td>See Table</td>
<td>See Table</td>
<td>Dimension &quot;Z&quot;</td>
</tr>
<tr>
<td></td>
<td>Q = Quick Connect</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Table I (Wire Type)

<table>
<thead>
<tr>
<th>ASS’Y NO.</th>
<th>WIRE DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>13661-W1XX</td>
<td>Min. of 26 Strands, Copper Conductor, 125°C-600V Crosslinked Polyethylene.</td>
</tr>
<tr>
<td>13661-W2XX</td>
<td>Min. of 26 Strands, Copper Conductor, Silicone Rubber Insulation And Fiber Glass Braid Jacket, Nec. Type SFF-2 (150°C)</td>
</tr>
<tr>
<td>13661-W3XX</td>
<td>Min. Of 26 Strands, Copper Conductor, Type TW, 105°C-600V Insulation (16 gauge only).</td>
</tr>
<tr>
<td>13661-W4XX</td>
<td>Min. Of 7 Strands, Copper Conductor Of .0192 Silicone Rubber Insulation And Fiber Glass Braid Jacket, Nec. Type SF-2 (200°C)</td>
</tr>
<tr>
<td>13661-W5XX</td>
<td>Min. Of 19 Strands, Copper Conductor, Type AWM, 105°C-600V Insulation.</td>
</tr>
</tbody>
</table>

Table II (Wire Gauge)

<table>
<thead>
<tr>
<th>ASS’Y NO.</th>
<th>GAUGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>13661-WX2X</td>
<td>12 Gauge</td>
</tr>
<tr>
<td>13661-WX4X</td>
<td>14 Gauge</td>
</tr>
<tr>
<td>13661-WX6X</td>
<td>16 Gauge</td>
</tr>
</tbody>
</table>

For complete specification data, call Bussmann Information Fax – 314.527.1450
Disconnect Blocks

Nonfused, Disconnects

- Ratings: 60A, 240V
- Wire Range: #2-14 CU/#8 AL
- Available in both 2 and 3 pole versions for both single and three phase systems.
- Compact, one-piece thermoplastic housing is rated to 150°C.
- Box connector or quick-connect terminations available on load side. Box connector standard on line side.
- Body of disconnect can be mounted enabling disconnect head (pull-out) to interlock with door to insure power is off when door is open.
- UL E120756; CSA LR 37129; CE Pending.

Part Numbering System

<table>
<thead>
<tr>
<th>Series</th>
<th>Poles</th>
<th>Line Side Connections</th>
<th>Load Side Connections</th>
<th>Options</th>
</tr>
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<tbody>
<tr>
<td>ND1260</td>
<td>2</td>
<td>C = Box Connection</td>
<td>C = Box Connection</td>
<td>H = Wire Handle</td>
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<tr>
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<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Part Numbering System Diagram

BIF document: 1435
Look for other reliable products in these comprehensive catalogs . . .

Circuit Protection

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