

.434" Double Row Phenolic Barrier Terminal Strip

Description

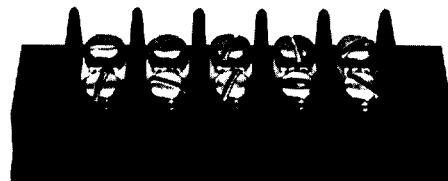
The series 18 phenolic double row terminal strip is one of our most versatile products. The terminal block is offered in feed-thru and open bottom designs and is available in a variety of terminal and screw styles.

The 150° C temperature rating and robust terminal design make the series 18 the choice for your most demanding applications.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry-using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Snap-On covers** meet UL touch safe requirements. The low-cost optional covers are an economical way to prevent accidental shock.
- **High temperature phenolic** insulator out performs many thermoplastic compounds.
- **Wide variety of options.** Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

#6-32 BINDING HEAD SCREW

| | | | |
|------------|---------|-----------------|--------|
| UL | Class B | 15 Amps @ 300 V | 14 AWG |
| | Class C | 10 Amps @ 300 V | 14 AWG |
| CSA | Class B | 20 Amps @ 300 V | 14 AWG |
| | Class C | 20 Amps @ 300 V | 14 AWG |

#6-32 WIRE CLAMP SCREW

| | | | |
|------------|---------|-----------------|--------|
| UL | Class B | 20 Amps @ 300 V | 12 AWG |
| | Class C | 10 Amps @ 300 V | 12 AWG |
| CSA | Class B | 20 Amps @ 300 V | 12 AWG |
| | Class C | 20 Amps @ 300 V | 12 AWG |

SAFETY AGENCIES

| | |
|------------|-----------------|
| UL | File No. E48521 |
| | Guide No. XCFR2 |
| CSA | File No. 025562 |

TECHNICAL SPECIFICATIONS

ELECTRICAL

| | |
|-----|---------------|
| DWV | 7500 VDC |
| IR | >5000 Megohms |

MECHANICAL

| | |
|-------------------|--------------|
| Tightening torque | 12 in-lbs. |
| Maximum torque | 13 in-lbs. |
| Wire strip length | 5/16" |
| Wire range | 12 to 22 AWG |

ENVIRONMENTAL

| | |
|---------------------------|-------|
| Continuous Use Temp | |
| RTI electrical | 150°C |
| RTI mechanical w/o impact | 150°C |

MATERIALS

| | |
|-----------|---|
| Insulator | General purpose phenolic, UL94V0, black |
| Terminal | Brass, nickel plate |
| Screws | #6-32, phillips/slotted, steel, zinc chromate plate |

OPTIONS

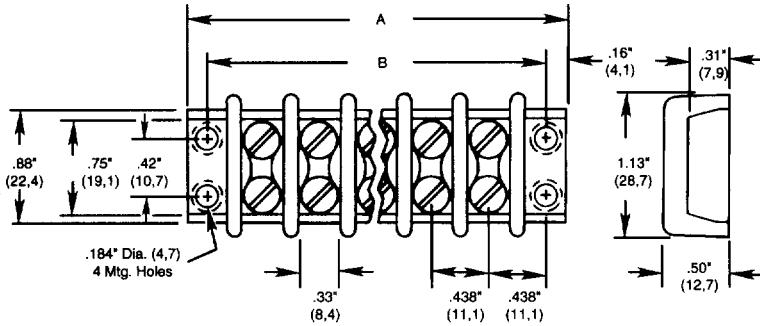
| | |
|--------|--------------------------------------|
| -45 | Slotted screw |
| -45-56 | Stainless steel screw, slotted |
| -47 | Screws up, wire ready |
| -49 | Brass, phillips/slotted screw |
| -50 | Clamp washer, phillips/slotted screw |
| -58 | No screws, barrier only |
| -59 | Screws supplied unassembled |
| -60 | One row screws supplied unassembled |
| -61 | One row screws not supplied |
| -66 | Bonded marker strip |
| -C | No mounting ends |

HOW TO ORDER

| | | | | | |
|--------|----------------|--------------|-----------------------------------|---|---|
| 1 | 8 | X | X | X | X |
| SERIES | TERMINAL STYLE | NO. OF POLES | OPTIONS | | |
| | 0 1 2 | 2 to 30 | (Dash #s above and opposite page) | | |
| | 3 5 6 | | | | |
| | 7 | | | | |

*Consult factory for combinations of screw options.

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TERMINAL STYLES


| No. of Circuits | A | | B | |
|-----------------|-------|------|-------|------|
| | in. | mm | in. | mm |
| 2 | 1.63 | 41,4 | 1.31 | 33,4 |
| 3 | 2.06 | 52,3 | 1.75 | 44,5 |
| 4 | 2.50 | 63,5 | 2.19 | 55,6 |
| 5 | 2.94 | 74,7 | 2.63 | 66,7 |
| 6 | 3.38 | 85,9 | 3.06 | 77,8 |
| 7 | 3.81 | 96,8 | 3.50 | 88,9 |
| 8 | 4.25 | 108 | 3.94 | 100 |
| 9 | 4.69 | 119 | 4.38 | 111 |
| 10 | 5.13 | 130 | 4.81 | 122 |
| 11 | 5.56 | 141 | 5.25 | 133 |
| 12 | 6.00 | 152 | 5.69 | 144 |
| 13 | 6.44 | 164 | 6.13 | 156 |
| 14 | 6.88 | 175 | 6.56 | 167 |
| 15 | 7.31 | 186 | 7.00 | 178 |
| 16 | 7.75 | 197 | 7.44 | 189 |
| 17 | 8.19 | 208 | 7.88 | 200 |
| 18 | 8.63 | 219 | 8.31 | 211 |
| 19 | 9.06 | 230 | 8.75 | 222 |
| 20 | 9.50 | 241 | 9.19 | 233 |
| 21 | 9.94 | 252 | 9.63 | 244 |
| 22 | 10.38 | 264 | 10.06 | 256 |
| 23 | 10.81 | 275 | 10.50 | 267 |
| 24 | 11.25 | 286 | 10.94 | 278 |
| 25 | 11.69 | 297 | 11.38 | 289 |
| 26 | 12.13 | 308 | 11.81 | 300 |
| 27 | 12.56 | 319 | 12.25 | 311 |
| 28 | 13.00 | 330 | 12.69 | 322 |
| 29 | 13.44 | 341 | 13.13 | 333 |
| 30 | 13.88 | 353 | 13.56 | 345 |

STYLE 0
Screw Terminal

Style 1
One Sided Solder

P/N 181

Style 2
Two Sided Solder

P/N 182

STYLE 3
Short Solder

P/N 183

STYLE 5
Long Solder

P/N 185

STYLE 6
Long PC

P/N 186

STYLE 7
Wire Wrap

P/N 187