molex® BEAU Terminal Blocks

查询"6376-45"供应商

# .438" PCB Barrier Terminal Strip, 600V

## Description

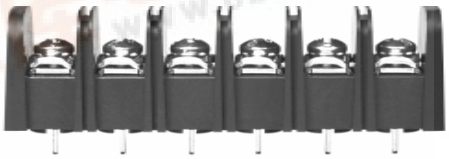
The series 63, PCB barrier terminal strip is our smallest product designed for service up to 600V. It is an economical, lower power alternative to our high power 66 series product.

The terminal block can be configured for maximum 12 AWG wire and up to 25 Amps.

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

- **High voltage density,** the 63 series is our smallest 600V rated PCB barrier terminal strip.
- **Robust and durable**, 63 series screw terminals are ultrasonically welded into the thermoplastic insulator, eliminating terminal twisting and associated solder joint failure.
- **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 @ 600 V 14 AWG |
| | Class C | 15 Amps @ 600 V 14 AWG |
| **CSA** | Class B | 20 Amps @ 600 V 14 AWG |
| | Class C | 20 Amps @ 600 V 14 AWG |
| **#6-32 WIRE CLAMP SCREW** | | |
| **UL** | Class B | 25 Amps @ 600 V 12 AWG |
| | Class C | 25 Amps @ 600 V 12 AWG |
| **CSA** | Class B | 25 Amps @ 600 V 12 AWG |
| | Class C | 25 Amps @ 600 V 12 AWG |

NOTE: 3.5M screws carry #6-32 screw ratings.

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **ELECTRICAL** | |
| DWV | 10500 VDC |
| IR | >5000 Megohms |
| **MECHANICAL** | |
| Tightening torque | 12 in-lbs. |
| Maximum torque | 13 in-lbs. |
| Wire strip length | 5/16" |
| Wire Range | 12 to 24 AWG |
| **ENVIRONMENTAL** | |
| Continuous Use Temp | |
| RTI electrical | 110°C |
| RTI mechanical w/o impact | 110°C |

## OPTIONS

| | |
|---|---|
| -45 | Slotted screw |
| -47 | Screws up, wire ready |
| -45-56 | Stainless steel screws, slotted |
| -49 | Brass, phillips/slotted screw |
| -50 | Clamp washer, phillips/slotted screw |
| -58 | No screws, barrier only |
| -59 | Screws supplied unassembled |
| -C | No mounting ends |
| -M | 3.5 M screw, slotted |
| -V | 130°C insulator |

## AGENCY LISTINGS

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

## MATERIALS

| | |
|---|---|
| Insulator | Thermoplastic, UL94V-0, black |
| Terminal | Brass, tin-lead plate |
| Screws | #6-32, phillips/slotted, steel, zinc chromate plate |

## HOW TO ORDER

| 6 | 3 | X | X | X | X | X |
|---|---|---|---|---|---|---|
| SERIES | | TERMINAL STYLE 1 5 6 7 | NO. OF POLES 2 to 16 | | OPTIONS (Dash #s above and opposite page) | |

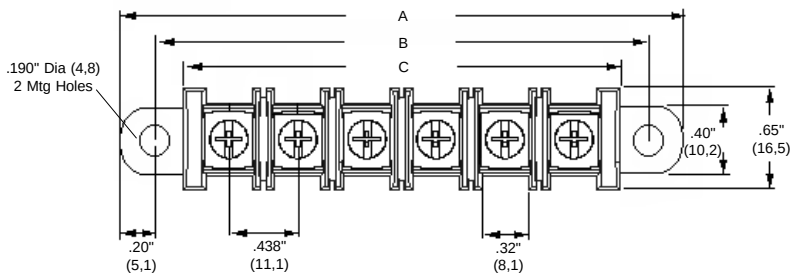
*Consult factory for combinations of screw options.

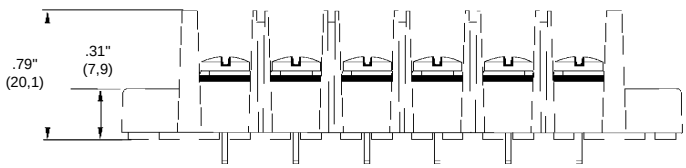
Molex Industrial Division
New England Operations
Gilford, NH 03246-6600
Phone (603) 524-5101
Fax (603) 524-1627
Internet www.beauint.com

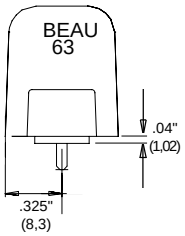
找PDF 维库一下 pdf.dzsc.com

# BEAU Terminal Blocks

查询"6376-45"供应商



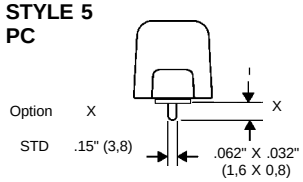



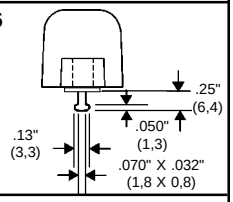

## TERMINAL STYLES

**STYLE 1**
**No PC Terminal**

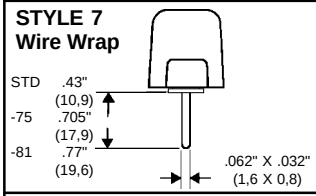
**STYLE 5**
**PC**




**STYLE 6**
**Solder Turret**




**STYLE 7**
**Wire Wrap**




| No. of Circuits | A | | B | | C | |
|---|---|---|---|---|---|---|
| | in. | mm | in. | mm | in. | mm |
| 2 | 1.71 | 43,5 | 1.31 | 33,4 | 1.02 | 25,9 |
| 3 | 2.15 | 54,6 | 1.75 | 44,5 | 1.46 | 37,1 |
| 4 | 2.59 | 65,7 | 2.19 | 55,6 | 1.90 | 48,3 |
| 5 | 3.02 | 76,8 | 2.62 | 66,7 | 2.32 | 59,4 |
| 6 | 3.46 | 88,0 | 3.06 | 77,8 | 2.77 | 70,4 |
| 7 | 3.90 | 99,1 | 3.50 | 88,9 | 3.21 | 81,5 |
| 8 | 4.34 | 110 | 3.94 | 100 | 3.65 | 92,7 |
| 9 | 4.77 | 121 | 4.37 | 111 | 4.09 | 104 |
| 10 | 5.21 | 132 | 4.81 | 122 | 4.52 | 115 |
| 11 | 5.65 | 144 | 5.25 | 133 | 4.96 | 126 |
| 12 | 6.09 | 155 | 5.69 | 144 | 5.40 | 137 |
| 13 | 6.52 | 166 | 6.12 | 156 | 5.84 | 148 |
| 14 | 6.96 | 177 | 6.56 | 167 | 6.27 | 159 |
| 15 | 7.40 | 188 | 7.00 | 178 | 6.71 | 170 |
| 16 | 7.84 | 199 | 7.44 | 189 | 7.15 | 182 |

Molex Industrial Division
New England Operations
Gilford, NH 03246-6600
Phone (603) 524-5101
Fax (603) 524-1627
Internet www.beauint.com