

.500" PCB Tri-Barrier Terminal Strip, 600V

Description

The series 66, PCB tri-barrier terminal strip is today, the only 600 volt, 45 Amp UL and CSA rated terminal block for printed circuit board mounting.

The terminal block provides an economical alternative to bus bars or rail mounted terminal blocks. With the 66 product, electrical equipment manufacturers can now design a PCB assembly with twice the power output.

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

- **Double** your PCB power output. The 600V - 45 Amp rated 66 series stands alone for on board power.
- **Tri-Barrier Construction** eliminates over insertion of terminated wires - prevents accidental shorting with PCB components.
- **High temperature, UL94V-0 insulator** protects against damage in over current situations.
- **High Conductivity Material** with twice the electrical conductivity of standard terminal blocks - the series 66 is built to run cool.



PRODUCT RATINGS

M4 WIRE CLAMP SCREW

| | | | |
|------------|---------|-----------------|-------|
| UL | Class B | 45 Amps @ 600 V | 8 AWG |
| | Class C | 45 Amps @ 600 V | 8 AWG |
| CSA | Class B | 45 Amps @ 600 V | 8 AWG |
| | Class C | 45 Amps @ 600 V | 8 AWG |

AGENCY LISTINGS

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

TECHNICAL SPECIFICATIONS

ELECTRICAL

| | |
|-----|---------------|
| DWV | 12000 VDC |
| IR | >5000 Megohms |

MECHANICAL

| | |
|-------------------|-------------|
| Tightening torque | 16 in-lbs. |
| Maximum torque | 18 in-lbs. |
| Wire strip length | 5/16" |
| Wire Range | 8 to 18 AWG |

ENVIRONMENTAL

| | |
|---------------------------|-------|
| Continuous Use Temp | |
| RTI electrical | 160°C |
| RTI mechanical w/o impact | 160°C |

MATERIALS

| | |
|-----------|--|
| Insulator | Thermoplastic, UL94V-0, black |
| Terminal | High copper brass, tin-lead plate |
| Screws | M4, steel, zinc chromate plate with clamp washer |

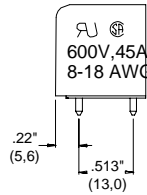
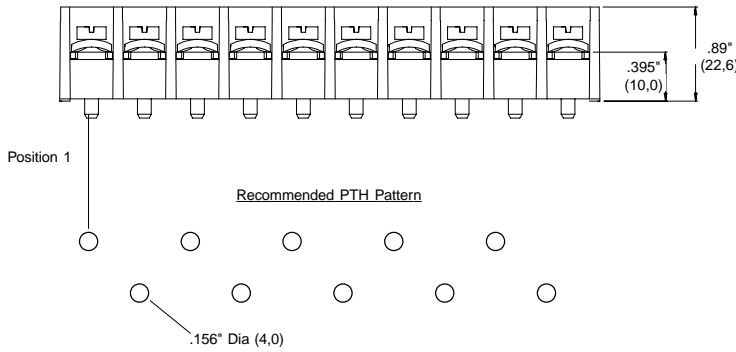
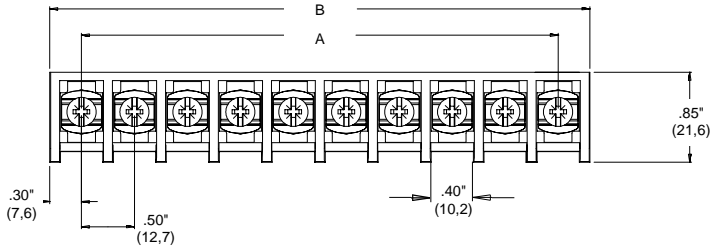
OPTIONS

| | |
|----|--------------------------------|
| -E | Mounting ends (up to 13 poles) |
|----|--------------------------------|

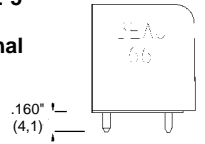
HOW TO ORDER

| | | | | | | |
|----------|----------|--------------|-----------------------------------|----------|----------|----------|
| 6 | 6 | X | X | X | X | X |
| SERIES | 5 | NO. OF POLES | OPTIONS | | | |
| | | 2 to 15 | (Dash #s above and opposite page) | | | |

TERMINAL STYLES



STYLE 5
PC
Terminal



| No. of Circuits | A | | B | |
|-----------------|------|------|------|------|
| | in. | mm | in. | mm |
| 2 | .50 | 12.7 | 1.11 | 28.2 |
| 3 | 1.00 | 25.4 | 1.61 | 40.9 |
| 4 | 1.50 | 38.1 | 2.11 | 53.6 |
| 5 | 2.00 | 50.8 | 2.61 | 66.3 |
| 6 | 2.50 | 63.5 | 3.11 | 79.0 |
| 7 | 3.00 | 76.2 | 3.61 | 91.7 |
| 8 | 3.50 | 88.9 | 4.11 | 104 |
| 9 | 4.00 | 102 | 4.61 | 117 |
| 10 | 4.50 | 114 | 5.11 | 130 |
| 11 | 5.00 | 127 | 5.61 | 142 |
| 12 | 5.50 | 139 | 6.11 | 155 |
| 13 | 6.00 | 152 | 6.61 | 168 |
| 14 | 6.50 | 165 | 7.11 | 181 |
| 15 | 7.00 | 178 | 7.61 | 193 |