

## FEATURES and BENEFITS

- Sizes 2 to 12 circuits
- High reliability rising clamp
- Captive screw
- 130°C operating rating
- 60 and 40 amp versions
- Posi-drive 4.0 m screw for superior torque transmission to clamp

## REFERENCE INFORMATION

**UL:** File No. E48521  
Guide No. XCFR2

**CSA:** File No. 025562

## ELECTRICAL

**Voltage:** 600V

**Max. Current:** 60 Amp, 40 Amp

**Insulation Resistance:** >5000 Megaohms

## MECHANICAL

**Max. Tightening Torque:** 18 in lbs, 2.03 Nm

**Operating Temperature:** 130°C

**Wire Strip Length:** .438" or 8 mm

## PHYSICAL

**Insulator:** Polyamide, UL94 V0, Black

**Screws:** Bronze

**Screw Plating:** Tin

**Contacts:** Copper alloy

**Contact Plating:** Bright tin dip

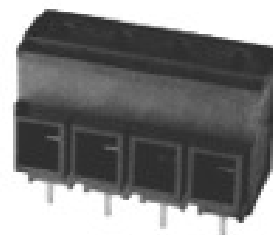
**Pressure Clamp:** Brass

**Pressure Clamp Plating:** Nickel

**Wire Range:** 60A: 6 to 18 AWG, 10 to 0.75 mm<sup>2</sup>  
40A: 8 to 18 AWG, 6 to .75 mm<sup>2</sup>

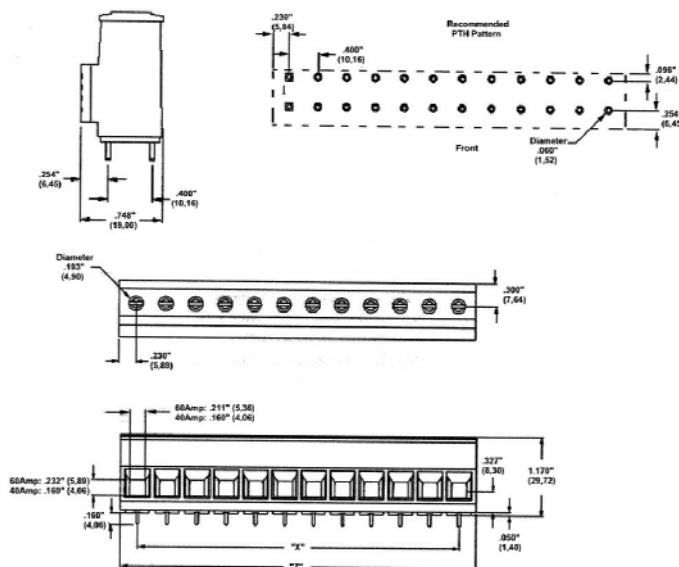


## BEAU Terminal Blocks 39970 10.16 mm (.400") Pitch High Voltage, Fixed



**60 AMP - 39970-01XX**

**40 AMP – 39970-03XX**



| Part      | X    |       | Z    |       |
|-----------|------|-------|------|-------|
|           | IN   | MM    | IN   | MM    |
| 2 Contact | .40  | 10.16 | .86  | 21.84 |
| 3 Contact | .80  | 20.32 | 1.26 | 32.00 |
| 4 Contact | 1.20 | 30.48 | 1.66 | 42.16 |
| 5 Contact | 1.60 | 40.64 | 2.06 | 52.32 |
| 6 Contact | 2.00 | 50.80 | 2.46 | 62.48 |
| 7 Contact | 2.40 | 60.96 | 2.86 | 72.64 |

| Part       | X    |        | Z    |        |
|------------|------|--------|------|--------|
|            | IN   | MM     | IN   | MM     |
| 8 Contact  | 2.80 | 71.12  | 3.26 | 82.80  |
| 9 Contact  | 3.20 | 81.28  | 3.66 | 92.96  |
| 10 Contact | 3.60 | 91.44  | 4.06 | 103.12 |
| 11 Contact | 4.00 | 101.60 | 4.46 | 113.28 |
| 12 Contact | 4.40 | 111.76 | 4.86 | 123.44 |

**ORDER NUMBER:** Replace XX with number of circuits (03-16)

|               |               |
|---------------|---------------|
| <b>60 AMP</b> | <b>40 AMP</b> |
| 39970-01XX    | 39970-03XX    |