

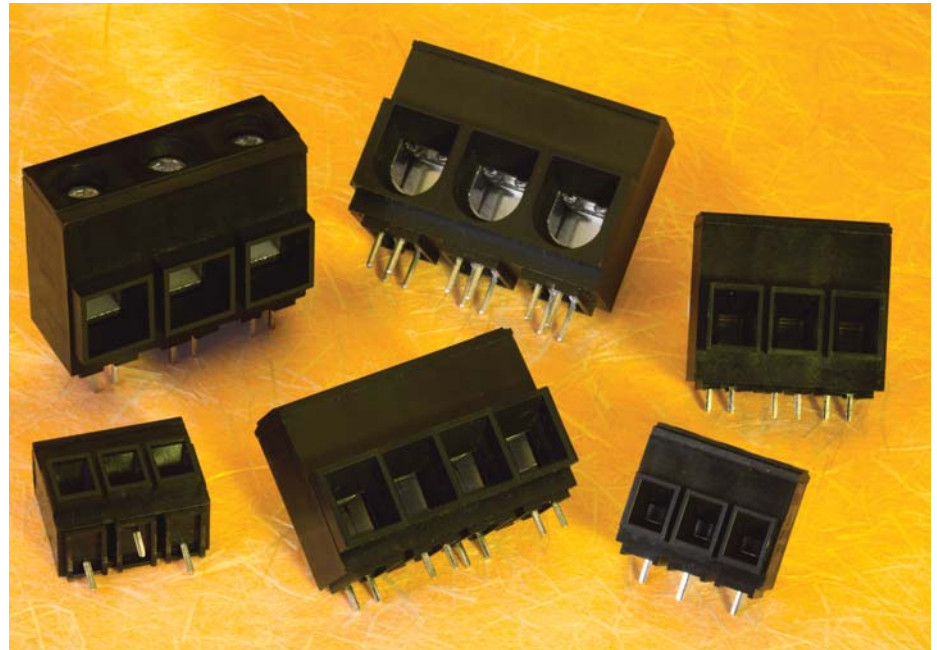
Beau Eurostyle 600V High-Power Blocks offer Industry-Leading Power Density

Increased functionality, additional component needs and higher current requirements are becoming more prevalent in PCB design. Considering these trends, Design Engineers are looking to bring more power directly to the PCB instead of using other costly and time-consuming methods such as ring cable lugs or customized Din-rail terminal blocks.

Meet the requirements demanded by high power board connections with the Beau Eurostyle 600V High-Power Terminal Block family. Molex offers the most complete line-up of high-power terminal blocks in the industry, accommodating power requirements from 20.0 to 115.0A, all at 600V.

Features and Benefits

- Spacings between all conductive components meet the 600V requirement of UL 1059 and the 800V requirement of IEC 947-1, pollution degree 3
- Extended wire entry funnel surrounds the wire insulator, eliminating exposed wire strands and possible shorting
- Rising cage pressure clamp termination compresses wires uniformly, offering a secure, reliable contact without strand damage or intermittence
- Combination slotted/posi-drive screw heads improve transmission of torque for superior wire retention
- Multiple PCB terminals distribute power, reducing "hot spots"



Specifications

Reference Information

Packaging: Box
 UL File No.: E48521
 Guide No.: XCFR2
 UL for Canada File No.: E48521
 Guide No.: XCFR8

Electrical

Voltage: 600V
 Current: 20.0 to 115.0A
 Contact Resistance: .10 milliohms max.
 Dielectric Withstanding Voltage: 8500V DC min.
 Insulation Resistance: 5000 Gigohms min.

Physical

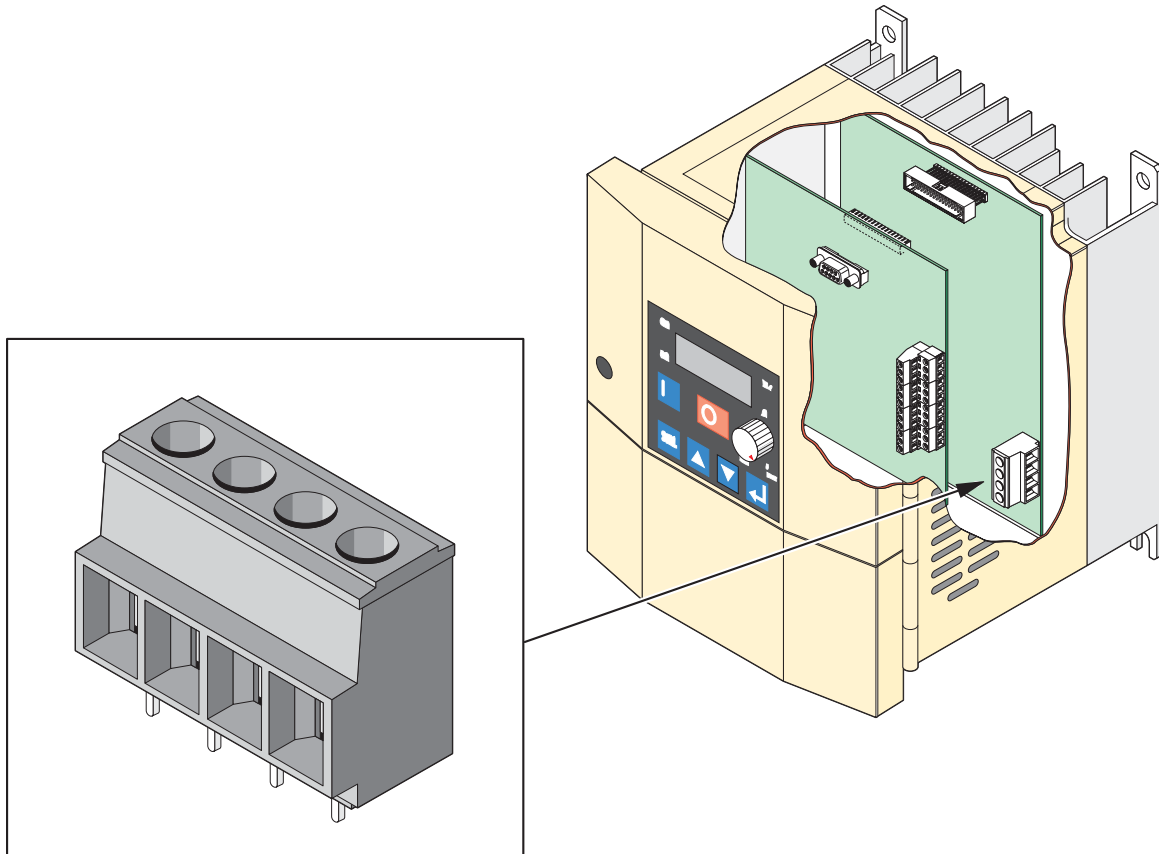
Housing: Valox 420SEO, PBT
 Contacts:
 - 95 series: Tin-plated Brass
 - 96 series: Nickel-plated Brass
 - 91 and 92 series: Tin-plated copper
 Pressure Clamp: Nickel-plated Brass
 Wire Range:
 - 95 series 22 to 12 AWG
 - 96 series 22 to 10 AWG
 - 9135 series 18 to 8 AWG
 - 9105 series 18 to 6 AWG
 - 92 series 14 to 3 AWG
 - 92B series 8 to 1 AWG
 Operating Temperature: +140°C

ORDERING INFORMATION

Series	Circuit Size	Order No.	Current Max.	Voltage
95	3 - 16	39950-01XX	20.0A	600V
96	3 - 12	39960-01XX	30.0A	600V
9135	2 - 14	39910-03XX	40.0A	600V
9105	2 - 14	39910-01XX	60.0A	600V
92	2 - 12	39920-01XX	85.0A	600V
92B	2 - 12	39920-03XX	115.0A	600V

Replace XX with circuit size

molex® **Beau**® **Eurostyle**®
600V High-Power
Terminal Blocks
91, 92, 92B, 95, 96 Series



APPLICATIONS

- AC Drives
- Motor Controls
- Power Controllers
- Power Converters
- Audible / Visual Warning Systems
- Power Supplies
- Invertors
- Spa Controls
- Solar Power
- Fuel Cells
- Telecom Backplanes
- Audio Power Amps
- Storage Networking

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