

HIGH CURRENT TERMINAL BLOCKS

XBUK Series



- Maintenance-Free Connections
- Global Acceptance
- Large Surface Area for Marking
- Standardized Testing System
- Metal Parts Made of Tin-Plated Copper Alloy

The XBUK high current terminal blocks offer a reliable connection via the superior construction which includes three-point centering of the wire in the prism-shaped sleeve base, a fluted contact surface for low contact resistance, and screws secured with spring-loaded elements. The terminal blocks have an enclosed housing made from polyamide 6.6. Green-yellow ground terminal blocks are also available.

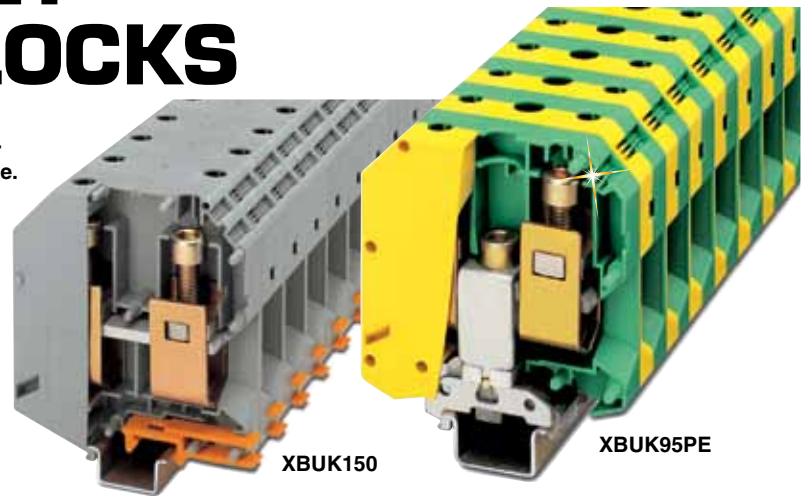
SPECIFICATIONS FOR XBUK150

Terminal Width: 31 mm (1.22")
Wire Size: 300 MCM/150 mm²
IEC 60 947-7-1 in V/A/AWG: 1000/309/2-300
EN 50 019 in V/A/AWG: 726/265/2-300
UL-cUL Ratings in V/A/AWG: 600/285/2 AWG-300 kcmil
Width/Length in mm (in): 31(1.22)/100 (3.94)
Height for 35 x 7.5/35 x 15 in mm (in): 118.5 (4.67)/116 (4.57)

SPECIFICATIONS FOR XBUK95PE

Terminal Width: 25 mm (0.98")
Wire Size: 000 AWG/95 mm²
IEC 60 947-7-1 in A/AWG: 232/4-000
EN 50 019 in AWG: 4-000
UL-cUL Ratings in AWG: 2-4/0
Width/Length in mm (in): 25 (0.98)/56.8 (3.27)
Height for 35 x 7.5/35 x 15 in mm (in): 73.0 (2.87)/83 (3.17)

All models shown smaller than actual size.



ADDITIONAL SPECIFICATIONS

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in A/Cross Section in mm² for XBUK150: 309/150

Maximum Load Current in A/Cross Section in mm² for XBUK95PE: 232/95

Rated Surge Voltage in kV/Contamination Class: 8/3

Surge Voltage Category/Insulating Material Group: III/I

CONNECTION CAPACITY

XBUK150 Stranded with Ferrule/with Ferrule and Plastic Sleeve in mm²: 50 to 150/50 to 150

XBUK95PE Series: Stranded with Ferrule/with Ferrule and Plastic Sleeve in mm²: 35 to 95/35 to 95

MULTI-CONDUCTOR CONNECTION (SAME CROSS-SECTION) FOR XBUK150 SERIES:

Solid/Stranded in mm²: 25 to 50/35 to 50

Stranded with Ferrules without Plastic Sleeve in mm²: 25 to 50

MULTI-CONDUCTOR CONNECTION (SAME CROSS-SECTION) FOR XBUK95PE SERIES:

Solid/Stranded in mm²: 25 to 35/25 to 35

Stranded with Ferrule without Plastic Sleeve in mm²: 16 to 35

Stripping Length in mm (in) For XBUK150: 40 (1.57)

Stripping Length in mm (in) For XBUK95PE: 30 (1.18)

Thread For XBUK150: M10

Thread For XBUK95PE: M8

Torque For XBUK150 in in-lb (Nm): 221 to 267 (25 to 30)

Torque For XBUK95PE in in-lb (Nm): 133 to 177 (15 to 20)

To Order Visit omega.com/xbuk_highcurrent for Pricing and Details

MODEL NO.	DESCRIPTION
XBUK150	Gray, screw connection high current terminal block
XBUK95PE	Green/yellow, screw connection high current ground block

Ordering Example: XBUK150, terminal blocks, and XBANS3575P, DIN rail.

ACCESSORIES

MODEL NO.	DESCRIPTION
XBMZB10-10PK	Center labeling white blank marker strip, pkg of 10
XBANS3575P	DIN rail 35 x 7.5 mm x 2 m (1.4 x 0.30" x 6.6') slotted
XBANS3575U	DIN rail 35 x 7.5 mm x 2 m (1.4 x 0.30" x 6.6') solid
XBANS3515P	DIN rail 35 x 15 mm x 2 m (1.4 x 0.60" x 6.6') slotted
XBANS3515U	DIN rail 35 x 15 mm x 2 m (1.4 x 0.60" x 6.6') solid

omega.co.uk[®]

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

www.omega.co.uk



UNITED STATES

www.omega.com

1-800-TC-OMEGA
Stamford, CT.

UNITED KINGDOM

www.omega.co.uk

Manchester, England
0800-488-488
+44-(0)161-777-6611

CANADA

www.omega.ca

Laval(Quebec)
1-800-TC-OMEGA

FRANCE

www.omega.fr

0800-466-342

GERMANY

www.omega.de

Deckenfronn, Germany
0800-8266342

BENELUX

www.omega.nl

0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters