

Screw Connection Disconnect and Component Terminal Blocks

XB Series



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

The XB Series includes application specific terminal blocks like the XBUT4TG disconnect block which accommodates disconnect component and fuse terminal blocks. It can also be bridged with standard terminal blocks via the double bridge shaft. The component plug XBPCO serves to accommodate different components such as resistors or capacitors. 5 x 20 mm fuses can be inserted into the fuse plug XBPFU, also available with light indication. The XBUT4MT knife disconnect terminal block features a compact design and a high current carrying capacity of 16A. Versions with test socket screws provide a test option for 2.3 mm diameter test plugs on both sides of the disconnect point.

Specifications

XBUT4TG, XBUT4MT

Terminal Width: 6.2 mm (0.24")

Wire Size: 10 AWG/4 mm²

Connection Data in V/A/AWG: 500/16/26-10

UL-cUL Ratings for Disconnect in V/A/AWG: 600/16/26-10

Width/Length in mm (in): 6.2 (0.24)/ 56.8 (2.24)

Height for 35 x 7.5/35 x 15 in mm (in): 47.5 (1.87)/ 55.0 (2.17)

XBUKK4DIO

Terminal Width: 6.2 mm (0.24")

Wire Size: 12 AWG/4 mm²

Connection Data in V/A/AWG: 500/32/24-10

UL-cUL Ratings in V/A/AWG: 600/30/26-10

Width/Length in mm (in): 6.2 (0.24)/ 56.0 (2.20)/2.5 (0.10)

Height for 35 x 7.5/35 x 15 in mm (in): 62.0 (2.44)/ 69.5 (2.74)/67.0 (2.64)

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in A/Cross Section in mm²

XBUT4TG, XBUT4MT: 16/6

XBUKK4DIO: 32/4

Rated Surge Voltage in kV/Contamination Class: 6/3

Surge Voltage Category/Insulating Material Group: III/I



XBUT4MT, shown larger than actual size.

CONNECTION CAPACITY

XBUT4TG, XBUT4MT

Stranded with Ferrule/with Ferrule and Plastic Sleeve in mm²: 0.25 to 4/0.25 to 4

XBUKK4DIO

Stranded with Ferrule/with Ferrule and Plastic Sleeve in mm²: 0.25 to 4/0.25 to 2.5

MULTI-CONDUCTOR CONNECTION (SAME CROSS-SECTION) FOR XBUT4TG AND XBUT4MT

Solid/Stranded in mm²: 0.14 to 1.5/0.14 to 1.5

Stranded with Ferrules without Plastic Sleeve in mm²: 0.25 to 1.5

Stranded with Twin Ferrule with Plastic Sleeve in mm²: 0.5 to 2.5

Stripping Length in mm (in) for XBUT4TG and XBUT4MT: 9 (0.35)

MULTI-CONDUCTOR CONNECTION (SAME CROSS-SECTION) FOR XBUKK4DIO:

Solid/Stranded in mm²: 0.2 to 1.5/0.2 to 1.5

Stranded with Ferrules without Plastic Sleeve in mm²: 0.25 to 1.5

Stranded with Twin Ferrule with Plastic Sleeve in mm²: 0.5 to 1.5

Stripping Length in mm (in) for XBUKK4DIO: 8 (0.31)

Thread: M3

Torque in in-lb (Nm): 0.6 to 0.8 (5.3 to 7.1)

XBUT4TG



XBUKK4DIO



All models shown smaller than actual size.



XBAES35C



XBANS3575P



Upper level is offset from lower level to facilitate the termination.

To Order

Model No.	Description
XBUT4TG	Gray, 6.2 mm (0.24") wide disconnect TB 26 to 8 AWG
XBUT4MT	Gray, 6.2 mm (0.24") wide knife disconnect TB 26 to 8 AWG
XBUKK4DIO	Gray, 6.2 mm (0.24") wide 2 level TB with diode 26 to 10 AWG

Ordering Example: **XBUKK4DIO**, terminal block, **XBACUUK35**, end cover, **XBANS3575P**, DIN rail.

Accessories

Model No.	Description
XBACUUK35	Gray end cover pkg of 10 for XBUKK4DIO
XBPCO	Component plug holder for XBUT4TG and XBUT4MT
XBPFU	Fuse plug for XBUT4TG and XBUT4MT
XBAFBS26	Red 2 position plug-in bridge for XBUT4TG and XBUT4MT
XBAFBS36	Red 3 position plug-in bridge for XBUT4TG and XBUT4MT
XBAFBS56	Red 5 position plug-in bridge for XBUT4TG and XBUT4MT
XBAFBS106	Red 10 position plug-in bridge for XBUT4TG and XBUT4MT
XBAFBS506	Red 50 position plug-in bridge for XBUT4TG and XBUT4MT
XBATSPA14	Test adaptor
XBMZB6	White blank marker strip
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
XBAES35C	1-screw mounted end stop
XBAES35T	3-screw mounted end stop
XBAES35N	Snap-on end stop