

Double and Triple Level Terminal Blocks

XBUTT/XB3UK Series



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

The potentials of the XBUTT double-level terminal blocks are on two levels to reduce space requirements by 50% over single-level terminal blocks. The XBUTT Series can be bridged on both levels for maximum flexibility. Marking can be provided at each termination point.

The XB3UK sensor terminal blocks reduce installation time by terminating three-wire devices such as photoelectric and proximity sensors in a single terminal block. The XB3UK Series accommodates a design where the positive and negative connections are grouped so that only the signal lines and one pair of wires for the power supply need to be wired between the terminal box and the control. The upper level accommodates the markable feed-through terminals for the signal line. The two lower terminal points can be bridged. These are used for the sensor power supply. The positive and negative potential can be fed into the bridges with XB3UKF25. The first sensor can also be connected to this three-wire feedthrough block.

Specifications

XBUTT4 and XBUTT4PV

Terminal Width: 6.2 mm (0.24")

Wire Size: 10 AWG/4 mm²

IEC 60 947-7-1 in V/A/AWG: 800/36/26-10

UL-cUL Ratings in V/A/AWG: 300/30/26-10

Width/Length/Cover Width in mm (in): 6.2 (0.24)/69.9 (2.75)/2.2 (0.09)

Height for 35 x 7.5/35 x 15 in mm (in): 65.0 (2.56)/72.5 (2.85)

XB3UKA25 and XB3UKF25

Terminal Width: 6.2 mm (0.24")

Wire Size: 12 AWG/2.5 mm²

Connection Data in V/A/AWG: 250/26/24-12

UL-cUL Ratings in AWG: 300/15/30-14

Width/Length for XB3UKA25 in mm (in): 6.2 (0.24)/55.0 (2.17)

Width/Length for XB3UKF25 in mm (in): 6.2 (0.24)/72.5 (2.85)

Height for 35 x 7.5/35 x 15 in mm (in): 54.5 (2.15)/62.0 (2.44)

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in A/Cross Section in mm² for XBUTT4 and XBUTT4PV: 30/6

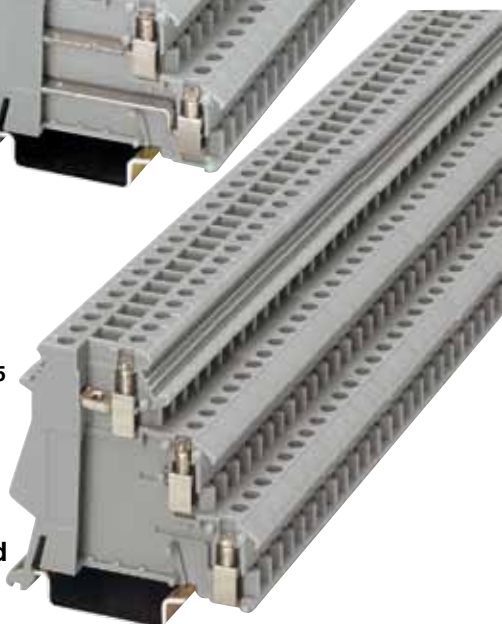
Maximum Load Current in A/Cross Section in mm² for XB3UKA25, XB3UKF25: 26/2.5, 30/4

Maximum Cross Section with Insertion Bridge in mm² for XB3UKA25, XB3UKF25: 4/2.5

XB3UKF25



XB3UKA25



Rated Surge Voltage in kV/Contamination Class for XBUTT4 and XBUTT4PV: 8/3

Rated Surge Voltage in kV/Contamination Class for XB3UKA25, XB3UKF25: 4/3

Surge Voltage Category/Insulating Material Group: III/I

CONNECTION CAPACITY

XBUTT4 and XBUTT4PV

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

XB3UKA25, XB3UKF25

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

MULTI-CONDUCTOR CONNECTION (SAME CROSS-SECTION)

XBUTT4 AND XBUTT4PV

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

XB3UKA25, XB3UKF25

Solid/Stranded in mm²: 0.2 to 1.0/0.2 to 1.0

Stranded with Ferrules without Plastic Sleeve in mm²: 0.25 to 1.0

Stranded with Twin Ferrule with Plastic Sleeve in mm²: 0.5 to 1.0

Stripping Length for XBUTT4 and XBUTT4PV in mm (in): 9 (0.35)

Stripping Length for XB3UKA25 and XB3UKF25 in mm (in): 8 (0.31)

Thread: M3

Torque for XBUTT4 and XBUTT4PV in in-lb (Nm): 0.6 to 0.8 (5.3 to 7.1)

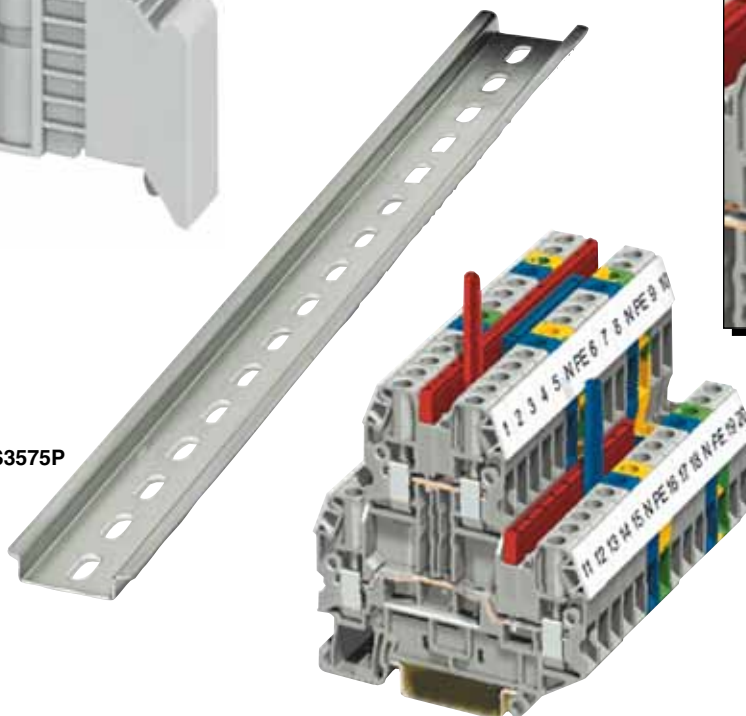
Torque for XB3UKA25 and XB3UKF25 in in-lb (Nm): 0.5 to 0.6 (4.4 to 5.3)



XBES35C

All models shown
smaller than actual size.

XBANS3575P



XBUTT4 marking and
bridging on both levels
off set design for easy
termination and testing.

To Order

Model No.	Description
XBUTT4	Gray, 6.2 mm (0.24") wide double level TB 26 to 10 AWG
XBUTT4PV	Gray, 6.2 mm (0.24") wide double level TB 26 to 10 AWG with potential distribution between the levels
XB3UKA25	Gray, 6.2 mm (0.24") wide triple level sensor TB 24 to 12 AWG
XB3UKF25	Gray, 6.2 mm (0.24") wide triple level feed-through TB 24 to 12 AWG

Ordering Examples: **XBUTT4**, double level terminal block, **XBACUTT4**, end cover, **XBANS3575P**, DIN rail.
XB3UKF25, triple level feed-through terminal block, **XBMBZB6**, blank marker strip, **XBANS3575P**, DIN rail.

Accessories

Model No.	Description
XBACUTT4	Gray end cover for XBUTT4 and XBUTT4PV
XBAEB10DIKB	Blue 10 position insertion bridge for XB3UKA25 and XB3UKF25
XBAEB10DIKR	Red 10 position insertion bridge for XB3UKA25 and XB3UKF25
XBAFBS26	Red 2 position plug-in bridge for XBUTT4 and XBUTT4PV
XBAFBS36	Red 3 position plug-in bridge for XBUTT4 and XBUTT4PV
XBAFBS56	Red 5 position plug-in bridge for XBUTT4 and XBUTT4PV
XBAFBS106	Red 10 position plug-in bridge for XBUTT4 and XBUTT4PV
XBAFBS506	Red 50 position plug-in bridge for XBUTT4 and XBUTT4PV
XBATSPA14	Test adaptor for XBUTT4 and XBUTT4PV
XBMBZB6	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	1-screw mounted end stop
XBAES35N	Snap-on end stop