

GROUND TERMINAL BLOCKS



XBUT4D12PE



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



XBUT4D22PE



XBUT35PE



All models shown smaller than actual size.

The ground terminal blocks have the same shape and pitch as the standard terminal block, in a green yellow housing. They easily snap onto the DIN rail to make a reliable mechanical and electrical contact which meets all requirements of IEC 60-947-7-2.

SPECIFICATIONS FOR XBUT4PE, XBUT4D12PE, XBUT4D22PE

Terminal Width: 6.2 mm (0.24")

Wire Size: 10 AWG/4 mm²

IEC 60 947-7-1 in AWG: 26-10

EN 50 019 in AWG: 26-10

UL-cUL Ratings in AWG: 26-10

Width/Length/Cover Width in mm (inch)

XBUT4PE: 6.2 (0.24)/46.9 (1.85)/2.2 (0.09)

XBUT4D12PE: 5.2 (0.20)/56.8 (2.24)/2.2 (0.09)

XBUT4D22PE: 6.2 (0.24)/64.1 (2.52)/2.2 (0.09)

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

SPECIFICATIONS FOR XBUT25D12PE, XBUT25D22PE

Terminal Width: 5.2 mm (0.20")

Wire Size: 12 AWG/2.5 mm²

IEC 60 947-7-1 in AWG: 26-12

EN 50 019 in AWG: 26-12

UL-cUL Ratings in AWG: 26-12

Width/Length/Cover Width in mm (inch):

5.2 (0.20)/56.8 (2.24)/2.2 (0.09)

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

OTHER SPECIFICATIONS FOR XBUT4PE, XBUT4D12PE, XBUT4D22PE, XBUT25D12PE, XBUT25D22PE

TECHNICAL DATA IN ACCORDANCE WITH IEC

XBUT4PE

Rated Surge Voltage in kV/Contamination Class: 8/3
XBUT4D12PE, XBUT4D22PE, XBUT25D12PE, and
XBUT25D22PE

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

Surge Voltage Category/Insulating Material Group: III/I

CONNECTION CAPACITY

XBUT4PE, XBUT4D12PE, and XBUT4D22PE

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

XBUT25D12PE, XBUT25D22PE

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)

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

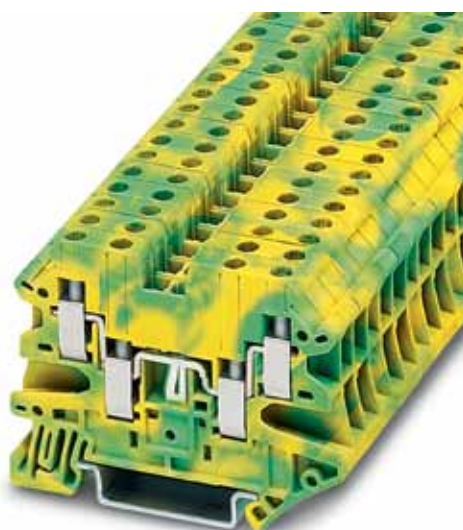
Stranded with Twin Ferrule with Plastic Sleeve in mm²:
0.5 to 2.5

XBUT4PE/XBUT4D12PE, XBUT4D22PE, XBUT25D12PE,
and XBUT25D22PE

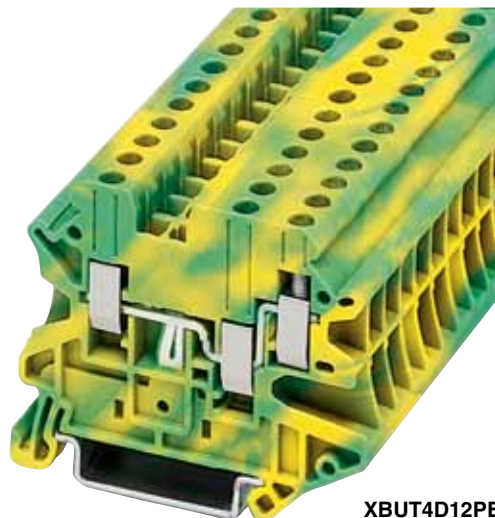
Stripping Length in mm (inch): 9 (0.35)/8 (0.31)

Thread: M3

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



XBUT25D22PE



XBUT4D12PE

To Order

MODEL NO.	DESCRIPTION
XBUT4PE	6.2 mm (0.24") wide, 10 AWG max, green/yellow grounding block
XBUT4D12PE	6.2 mm (0.24") wide, 10 AWG max, 3-wire multi-conductor grounding block
XBUT4D22PE	6.2 mm (0.24") wide, 10 AWG max, 4-wire multi-conductor grounding block
XBUT25D12PE	5.2 mm (0.20") wide, 12 AWG max, 3-wire multi-conductor grounding block
XBUT25D22PE	5.2 mm (0.20") wide, 12 AWG max, 4-wire multi-conductor grounding block

Ordering Example: XBUT4PE ground terminal block, XBACUT10 end cover and XBANS3575P DIN rail.

ACCESSORIES

MODEL NO.	DESCRIPTION
XBACUT10	Gray end cover for XBUT4PE
XBACUT4D12	Gray end cover for XBUT4D12PE, XBUT25D12PE
XBACUT4D22	Gray end cover for XBUT4D22PE, XBUT25D22PE
XBATUT10	Gray partition plate for XBUT4PE
XBAFBS25	Red 2-position plug-in bridge for XBUT4PE, XBUT4D12PE, XBUT4D22PE
XBAFBS35	Red 3-position plug-in bridge for XBUT4PE, XBUT4D12PE, XBUT4D22PE
XBAFBS55	Red 5-position plug-in bridge for XBUT4PE, XBUT4D12PE, XBUT4D22PE
XBAFBS105	Red 10-position plug-in bridge for XBUT4PE, XBUT4D12PE, XBUT4D22PE
XBAFBS505	Red 50-position plug-in bridge for XBUT4PE, XBUT4D12PE, XBUT4D22PE
XBAFBS36	Red 3-position plug-in bridge for XBUT4PE, XBUT4D12PE, XBUT4D22PE
XBAFBS56	Red 5-position plug-in bridge for XBUT4PE, XBUT4D12PE, XBUT4D22PE
XBAFBS106	Red 10-position plug-in bridge for XBUT4PE, XBUT4D12PE, XBUT4D22PE
XBAFBS506	Red 50-position plug-in bridge for XBUT4PE, XBUT4D12PE, XBUT4D22PE
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

SPECIFICATIONS FOR XBUT6PE

Terminal Width: 8.2 mm (0.32")

Maximum Wire Size: 8 AWG/6 mm²

IEC 60 947-7-1 in AWG: 24-8

EN 50 019 in AWG: 24-8

UL-cUL Ratings in AWG: 24-8

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm (inch): 8.2 (0.32)/46.9 (1.85)/ 2.2 (0.09)

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

TECHNICAL DATA IN ACCORDANCE WITH IEC

Rated Surge Voltage in kV/

Contamination Class: 8/3

Surge Voltage Category/Insulating Material Group: III/I

CONNECTION CAPACITY

Stranded with Ferrule/with Ferrule and Plastic Sleeve in mm²:

0.25 to 6/0.25 to 6

MULTI-CONDUCTOR CONNECTION (SAME CROSS-SECTION)

Solid/Stranded in mm²: 0.2 to 2.5/ 0.2 to 2.5

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 4

Stripping Length in mm (inch): 10 (0.39)

Thread: M4

Torque, in in-lb (Nm):

13.3 to 15.9 (1.5 to 1.8)

XBUT6PE

All models shown larger than actual size.



XBACUT10



XBATUT10



XBANS3575P

MODEL NO.	DESCRIPTION
XBUT6PE	Green/yellow grounding terminal block

Ordering Example: XBUT6PE ground terminal block, and XBANS3575P DIN rail.

ACCESSORIES FOR XBUT6PE

MODEL NO.	DESCRIPTION
XBACUT10	Gray end cover
XBATUT10	Gray partition plate
XBAFBS28	Red 2-position plug-in bridge
XBATSPA14	Test adaptor
XBMZB8-10PK	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	One-screw mounted end stop
XBAES35T	Three-screw mounted end stop
XBAES35N	Snap-on end stop

SPECIFICATIONS FOR XBUT10PE

Terminal Width: 10.2 mm (0.40")
 Maximum Wire Size: 6 AWG/10 mm²
 IEC 60 947-7-1 in A/AWG: 76/20-6
 EN 50 0191 in A/AWG: 54/69/20-6
 UL-cUL Ratings in AWG: 20-6

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm
 (inch): 10.2 (0.40)/46.9 (1.85)/2.2 (0.09)
 Height for 35 x 7.5 / 35 x 15 in mm
 (inch): 47.5 (1.87)/55.0 (2.17)

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in A/
 Cross-Section in mm²: 76/16
 Rated Surge Voltage in kV/
 Contamination Class: 8/3
 Surge Voltage Category/Insulating
 Material Group: III/I

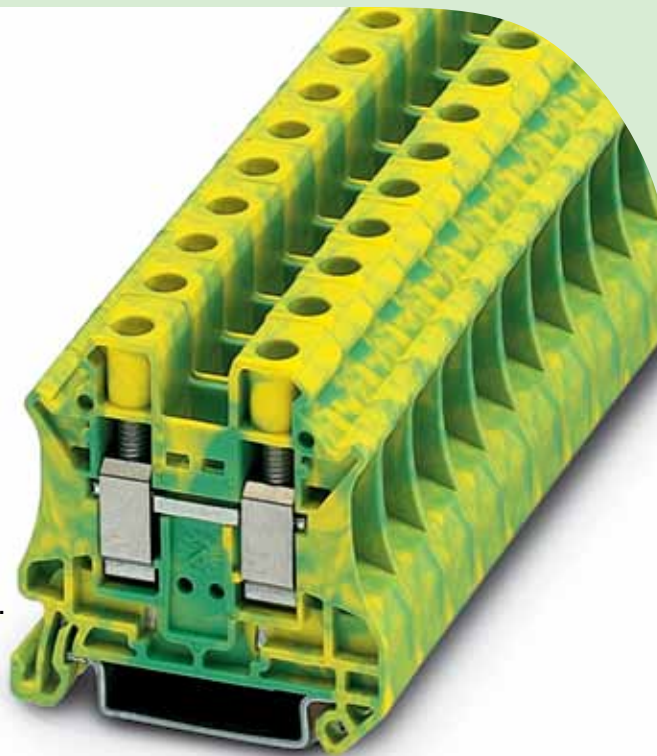
CONNECTION CAPACITY

Stranded with Ferrule/with Ferrule and
 Plastic Sleeve in mm²: 0.5 to 10/0.5 to 10

MULTI-CONDUCTOR CONNECTION (SAME CROSS-SECTION)

Solid/Stranded in mm²: 0.5 to 4/0.5 to 4
 Stranded with Ferrules without Plastic
 Sleeve in mm²: 0.5 to 2.5
 Stranded with Twin Ferrule with Plastic
 Sleeve in mm²: 0.5 to 6
 Stripping Length in mm (inch): 10 (0.39)
 Thread: M4
 Torque in-lb (Nm):
 13.3 to 15.9 (1.5 to 1.8)

XBUT10PE shown
 larger than actual size.



XBAES35C



XBATUT10



XBACUT10

All models shown smaller than actual size.

MODEL NO.	DESCRIPTION
XBUT10PE	Green/yellow grounding terminal block

Ordering Example: XBUT10PE ground terminal block, and XBANS3575P DIN rail.

ACCESSORIES FOR XBUT10PE

MODEL NO.	DESCRIPTION
XBACUT10	Gray end cover
XBATUT10	Gray partition plate
XBAFBS210	Red 2-position plug-in bridge
XBARBUT10	Red reducing bridge
XBMZB10	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

SPECIFICATIONS FOR XBUT16PE

Terminal Width: 12 mm (0.47")

Maximum Wire Size:

4 AWG/16 mm² (0.63")

IEC 60 947-7-1 in A/AWG: 101/15-4

UL-cUL Ratings in AWG: 16-4

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm (inch):

12 (0.47)/52.8 (2.08)/2.2 (0.09)

Height for 35 x 7.5/35 x 15 in mm (inch):

54.8 (2.16)/62.3 (2.45)

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in

A/Cross-Section in mm²: 101/25

Rated Surge Voltage in kV/

Contamination Class: 8/3

Surge Voltage Category/Insulating

Material Group: III/I

CONNECTION CAPACITY

Stranded with Ferrule/with Ferrule and

Plastic Sleeve in mm²: 1.0 to 16/1.0 to 16

MULTI-CONDUCTOR CONNECTION (SAME CROSS-SECTION)

Solid/Stranded in mm²: 1.0 to 6/1.0 to 4

Stranded with Ferrules without Plastic

Sleeve in mm²: 1.0 to 4

Stranded with Twin Ferrule with Plastic

Sleeve in mm²: 0.75 to 10

Stripping Length in mm (inch): 10 (0.39)

Thread: M5

Torque in-lb (Nm): 22.1 to 26.6 (2.5 to 3.0)

XBUT16PE
shown larger
than actual size.



XBATUT10



XBANS3575P



XBAES35C-50PK

All models shown smaller than actual size.

MODEL NO.	DESCRIPTION
XBUT16PE	Green/yellow grounding terminal block

Ordering Example: XBUT16PE ground terminal block, and XBANS3575P DIN rail.

ACCESSORIES FOR XBUT16PE

MODEL NO.	DESCRIPTION
XBACUT16	Gray end cover
XBATUT10	Gray partition plate
XBAFBS212	Red 2 position plug-In bridge
XBATSPA14	Test adaptor
XBMZB10	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

XBUT35PE shown larger than actual size.

SPECIFICATIONS FOR XBUT35PE

Terminal Width: 16 mm (0.63")
Maximum Wire Size: 0 AWG/35 mm²
IEC 60 947-7-1 in A/AWG: 125/15-0
UL-cUL Ratings in AWG: 14-1/0

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm (inch): 16.0 (0.63)/60.2 (2.37)
Height for 35 x 7.5/35 x 15 in mm (inch): 65.7 (2.59)/73.2 (2.88)

TECHNICAL DATA IN ACCORDANCE WITH IEC

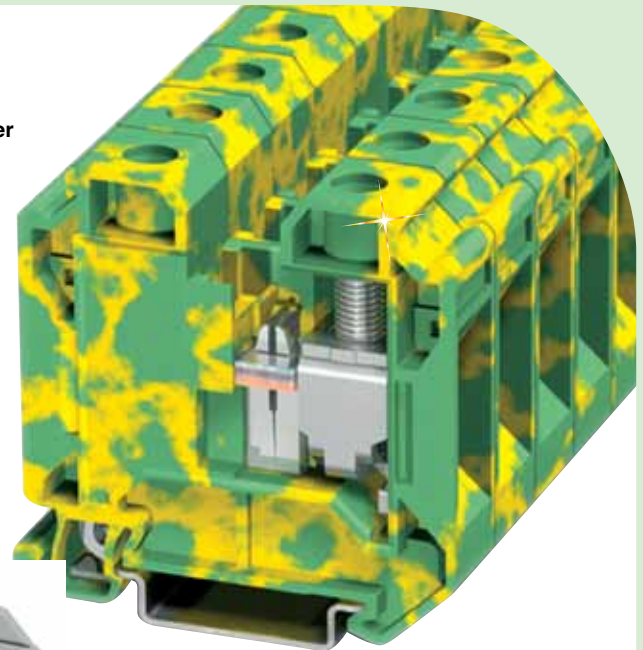
Maximum Load Current in A/ Cross-Section in mm²: 125/50
Rated Surge Voltage in kV/ Contamination Class: 8/3
Surge Voltage Category/Insulating Material Group: III/I

CONNECTION CAPACITY

Stranded with Ferrule/with Ferrule and Plastic Sleeve in mm²: 1.5 to 35/1.5 to 35

MULTI-CONDUCTOR CONNECTION (SAME CROSS-SECTION)

Solid/Stranded in mm²: 1.5 to 16/1.5 to 10
Stranded with Ferrules without Plastic Sleeve in mm²: 1.5 to 10
Stranded with Twin Ferrule with Plastic Sleeve in mm²: 1.5 to 10
Stripping Length in mm (inch): 16 (0.63)
Thread: M6
Torque, in-lb (Nm): 28.3 to 32.7 (3.2 to 3.7)



XBATUT10



XBANS3575P



XBAES35C

All models shown smaller than actual size.

MODEL NO.	DESCRIPTION
XBUT35PE	Green/yellow grounding terminal block

**No end covers required.*

Ordering Example: **XBUT35PE** ground terminal block, and **XBANS3575P** DIN rail.

ACCESSORIES FOR XBUT35PE

MODEL NO.	DESCRIPTION
XBAFBS212	Red 2-position plug-in bridge
XBATUT10	Gray partition plate
XBATSPA14	Test adaptor
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