

Spring Cage Ground Terminal Blocks

XBPTPE Series



- ✓ Vibration-Resistance
- ✓ Global Acceptance
- ✓ Flexible Plug-In Bridge System
- ✓ Large Surface Area for Marking
- ✓ Standardized Testing System

The XBPT ground blocks are the same shape as the feed-through terminal blocks with the same wide range of cross-sections available. 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

XBPT25PE and XBPT25D22PE

Terminal Width: 5.2 mm (0.20")
Wire Size: 12 AWG/2.5 mm²
IEC 60 947-7-1 in AWG: 28-12
EN 50 019 in AWG: 24-12
UL-cUL Ratings in AWG: 26-12
Width/Length/Cover Width in mm (in): 5.2 (0.20)/48.5 (1.91)/2.2 (0.09)
Height for 35 x 7.5/35 x 15 in mm (in): 36.8 (1.45)/44.0 (1.73)

XBPT4PE

Terminal Width: 6.2 mm (0.24")
Wire Size: 10 AWG/4 mm²
IEC 60 947-7-1 in AWG: 28-10
EN 50 019 in AWG: 24-10
UL-cUL Ratings in AWG: 20-10
Width/Length/Cover Width in mm (in):
XBPT4PE: 6.2 (0.24)/56.0 (2.20)/2.2 (0.09)
Height for 35 x 7.5/35 x 15 in mm (in): 36.8 (1.45)/44.0 (1.73)

XBPT4PE



XBPT25D22PE



All models shown smaller than actual size.

OTHER SPECIFICATIONS

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

XBPT4PE Stranded with Ferrule/with Ferrule and Plastic Sleeve in mm²: 0.25 to 4
XBPT25PE, XBPT25D22PE Stranded with Ferrule with Plastic Sleeve in mm²: 0.25 to 2.5
XBPT4PE Stranded with Ferrules without Plastic Sleeve in mm²: 0.25 to 4
XBPT25PE, XBPT25D22PE Stranded with Ferrules without Plastic Sleeve in mm²: 0.25 to 2.5
Stranded with Twin Ferrule with Plastic Sleeve in mm²: 0.5
XBPT4PE/XBPT4D12PE, XBPT4D22PE, XBPT25D12PE, XBPT25D22PE Stripping Length in mm (in): 10 (0.39)

To Order	
Model No.	Description
XBPT25PE	5.2 mm (0.20") wide, 12 AWG max, green/yellow grounding blocks
XBPT4PE	6.2 mm (0.24") wide, 10 AWG max, green/yellow grounding blocks
XBPT25D22PE	5.2 mm (0.20") wide, 12 AWG max, 4-wire multi-conductor grounding blocks

Accessories

Model No.	Description
XBACPT25	Gray end cover for XBPT25PE
XBACPT4	Gray end cover for XBPT4PE
XBMZBF5	White blank marker strip external labeling for XBPT25PE
XBMZB5	White blank marker strip center labeling for XBPT25PE
XBMZBF6	White blank marker strip external labeling for XBPT4PE
XBMZB6	White blank marker strip center labeling for XBPT4PE
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

Ordering Example: XBPT4PE, ground terminal block, XBACPT4, end cover, XBANS3575P, DIN rail.



SPECIFICATIONS

XBPT6PE

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: 20-8
UL-cUL Ratings in AWG: 20-8

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm (in):
 8.2 (0.32)/69.5 (2.74)/2.2 (0.09)
Height for 35 x 7.5/35 x 15 in mm (in):
 43.5 (1.71)/51.0 (2.01)

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 Plastic Sleeve in mm²:
 0.25 to 6
Stranded with Ferrules without Plastic Sleeve in mm²:
 0.25 to 6
Stranded with Twin Ferrule with Plastic Sleeve in mm²:
 0.5 to 1.5
Stripping Length in mm (in): 12 (0.47)

XBPT10PE

Terminal Width: 10.2 mm (0.40")
Maximum Wire Size: 6 AWG/10 mm²
IEC 60 947-7-1 in A/AWG: 65/24-6
EN 50 0191 in AWG: 16-6
UL-cUL Ratings in V/A/AWG: 16-6

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm (in): 10.0 (0.39)/71.5 (2.81)/2.2 (0.09)
Height for 35 x 7.5/35 x 15 in mm (in):
 50.5 (1.99)/58.0 (2.28)

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in A/Cross-Section in mm²: 65/16
Rated Surge Voltage in kV/Contamination Class: 8/3
Surge Voltage Category/Insulating Material Group: III/I

CONNECTION CAPACITY

Stranded with Ferrule with Plastic Sleeve in mm²:
 0.25 to 10
Stranded with Ferrules without Plastic Sleeve in mm²:
 0.25 to 6
Stranded with Twin Ferrule with Plastic Sleeve in mm²:
 1.5 to 2.5
Stripping Length in mm (in): 18 (0.71)

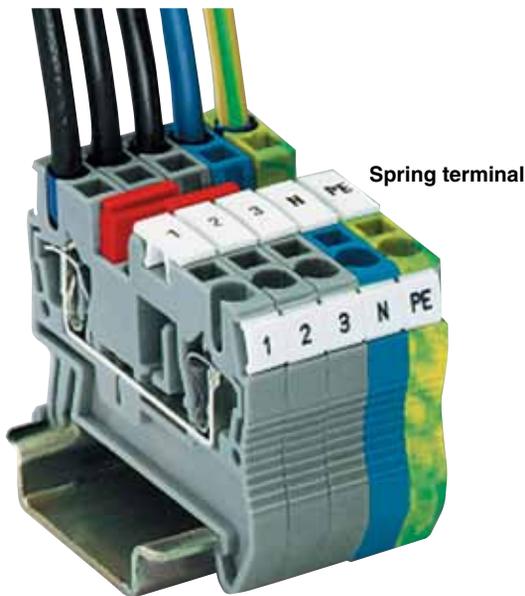
To Order

Model No.	Description
XBPT6PE	8.2 mm (0.32") green/yellow grounding terminal block
XBPT10PE	10.2 mm (0.40") green/yellow grounding terminal block

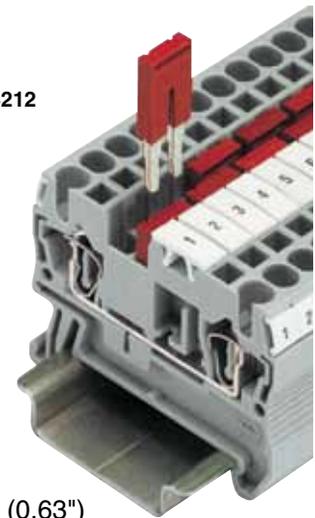
Accessories

Model No.	Description
XBACPT6	Gray end cover for XBPT6PE
XBACPT10	Gray end cover for XBPT10PE
XBAFBS210	Plug-in bridge for cross connection in the terminal center for XBPT10PE
XBMZBF8	White blank marker strip external labeling for XBPT6PE
XBMZB8	White blank marker strip center labeling for XBPT6PE
XBMZBF10	White blank marker strip external labeling for XBPT10PE
XBMZB10	White blank marker strip center labeling for XBPT10PE
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

Ordering Example: XBPT6PE, ground terminal block, XBACPT6, gray end cover, XBANS3575P, DIN rail.



Spring terminal



XBAFBS212

Chain bridging

SPECIFICATIONS

XBPT16PE

Terminal Width: 12 mm (0.47")

Maximum Wire Size: 4 AWG/16 mm²

IEC 60 947-7-1 in A/AWG: 90/24-4

EN 50 019 in AWG: 16-4

UL-cUL Ratings in AWG: 16-4

TECHNICAL DATA DIMENSIONS

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

12 (0.47)/80 (3.15)/2.2 (0.09)

Height for 35 x 7.5/35 x 15 in mm (in): 51.0(2.01)/58.5 (2.30)

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in A/Cross-Section in mm²: 90/25

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: 0.25 to 16

Stranded with Ferrules without Plastic Sleeve in mm²: 0.25 to 16

Stranded with Twin Ferrule with Plastic Sleeve in mm²: 1.5 to 4

Stripping Length in mm (in): 18 (0.71)

XBPT35PE

Terminal Width: 16 mm (0.63")

Maximum Wire Size: 2 AWG/35 mm²

IEC 60 947-7-1 in A/AWG: 125/14-2

EN 50 0191 in V/A/AWG: 14-2

UL-cUL Ratings in V/A/AWG: 14-2

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm (in): 16.0 (0.63)/100 (3.94)/*

Height for 35 x 7.5/35 x 15 in mm (in): 59 (2.32)/66.5 (2.62)

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in A/ Cross-Section in mm²: 125/35

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

Surge Voltage Category/Insulating Material Group: III/I

CONNECTION CAPACITY

Stranded with Ferrule with Plastic Sleeve in mm²: 2.5 to 35

Stranded with Ferrules without Plastic Sleeve in mm²: 2.5 to 35

Stranded with Twin Ferrule with Plastic Sleeve in mm²: 2.5 to 10

Stripping Length in mm (in): 25 (0.98)

**Model XBUT35PE has an enclosed design. The use of an end cover is not required.*

To Order

Model No.	Description
XBPT16PE	12 mm (0.47"), green/yellow grounding terminal block
XBPT35PE	16 mm (0.63"), green/yellow grounding terminal block

Accessories

Model No.	Description
XBACPT16	Gray end cover
XBAFBS212	Plug-in bridge for cross connection in the terminal center for XBPT16PE
XBAFBS216	Plug-in bridge for cross connection in the terminal center for XBPT35PE
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 slotted (1.4 x 0.60" x 6.6') slotted
XBANS3515U	DIN rail 35 x 15 mm x 2 m slotted (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

Ordering Example: XBPT16PE, ground terminal block, XBACPT16, gray end cover, XBANS3575P, DIN rail.