

FEED-THROUGH SPRING CAGE TERMINAL BLOCKS



**XBPT Series
Starts at
£27
Pack of 50**



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

The XBPT Series incorporates a spring cage connection system proven in applications that are sensitive to vibration. The spring mechanism always exerts the same constant force on the wire, resulting in a vibration proof, gas-tight connection, and independent of the user. The space-saving front connection, with the wire and screwdriver coming in parallel from the same direction, allows for simple wiring in places where there is little space available.

The connection point is opened with a standard screwdriver. After the wire has been inserted into the wire guide of the terminal block, the screwdriver is removed and the wire automatically makes contact. The space-saving design and front entry design make the XBPT Series ideal for control systems where there is little space. Even so, they offer maximum connection space, resulting in fast wiring of stranded and solid conductors, with or without ferrules. XBPT terminal blocks are available with cross-sections from 2.5 mm² up to 35 mm². The double bridge shaft can accommodate individual chain bridging and step-down bridging from other terminal blocks.

SPECIFICATIONS FOR XBPT25 SERIES

Terminal Width: 5.2 mm

Maximum Wire Size: 12 AWG/2.5 mm²

IEC 60 947-7-1 in V/A/AWG: 800/32/28-12

EN 50 019 in V/A/AWG: 550/25 or 21/24-12

UL-cUL Ratings in V/A/AWG: 600/20/26-12

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm: 5.2/48.5/2.2

Height for 35 x 7.5/35 x 15 in mm: 36.8/44.0

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in A/Cross Section in mm²: 31/4

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

Surge Voltage Category/Insulating Material Group: III/I

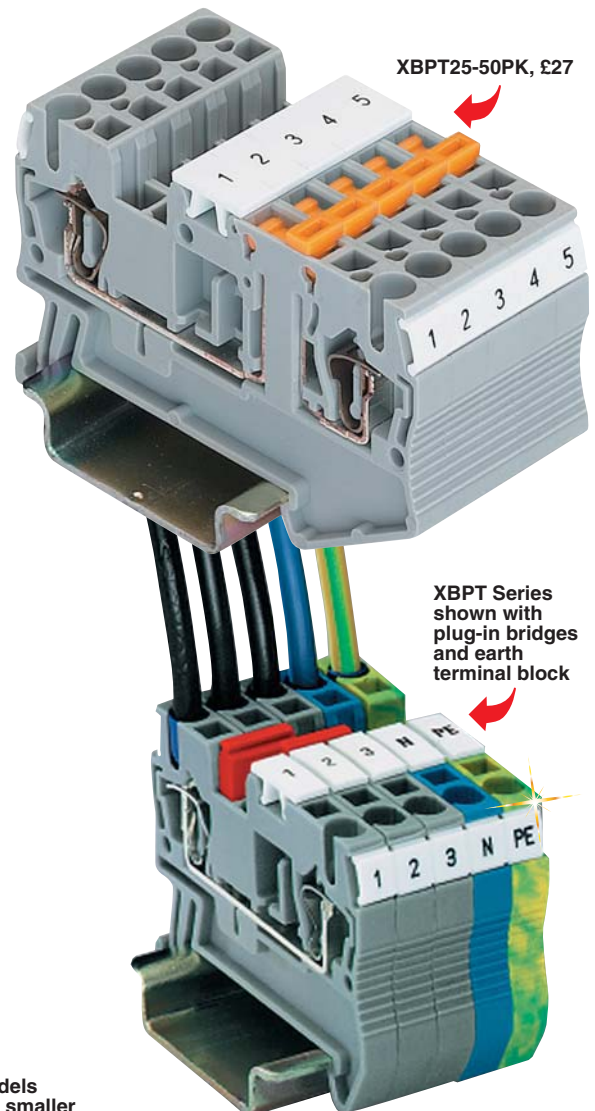
CONNECTION CAPACITY

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

Stranded with Ferrules without Plastic Sleeve in mm²: 0.25 to 2.5

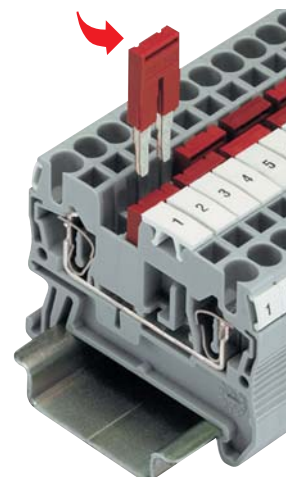
Stranded with Twin Ferrule with Plastic Sleeve in mm²: 0.5

Stripping Length in mm: 10



All models shown smaller than actual size.

XBAFBS212-10PK,
£8.90 for pack of 10



Wire Connection

To Order (Specify Model Number)**MOST POPULAR MODELS HIGHLIGHTED!**

MODEL NO.	PRICE	DESCRIPTION
XBPT25-50PK	£27.00	Grey, 5.2 mm spring clip TB 0.32 to 2 mm dia., pack of 50
XBPT25BU-50PK	27.00	Blue, 5.2 mm spring clip TB 0.32 to 2 mm dia., pack of 50
XBPT25WH-50PK	29.50	White, 5.2 mm spring clip TB 0.32 to 2 mm dia., pack of 50
XBPT25RD-50PK	29.50	Red, 5.2 mm spring clip TB 0.32 to 2 mm dia., pack of 50
XBPT25BK-50PK	29.50	Black, 5.2 mm spring clip TB 0.32 to 2 mm dia., pack of 50
ACCESSORIES		
XBACPT25-10PK	£2.70	Grey end cover, pack of 10
XBATPT4-10PK	2.40	Partition plate, pack of 10
XBAFBS25-10PK	2.30	Red 2 position plug-in bridge, pack of 10 for XBPT25 Series
XBAFBS35-10PK	4.50	Red 3 position plug-in bridge, pack of 10 for XBPT25 Series
XBAFBS55-10PK	8.70	Red 5 position plug-in bridge, pack of 10 for XBPT25 Series
XBAFBS105-10PK	18.25	Red 10 position plug-in bridge, pack of 10 for XBPT25 Series
XBAFBS505-10PK	114.00	Red 50 position plug-in bridge, pack of 10 for XBPT25 Series
XBATSPAI4-10PK	54.00	Test adaptor, pack of 10
XBMZBF5-10PK	2.80	White blank marker strip external labeling, pack of 10
XBMZB5-10PK	3.10	White blank marker strip centre labeling, pack of 10
XBANS3575P	6.00	DIN rail 35 x 7.5 mm x 2 m slotted
XBANS3575U	6.20	DIN rail 35 x 7.5 mm x 2 m solid
XBANS3515P	11.50	DIN rail 35 x 15 mm x 2 m slotted
XBANS3515U	11.50	DIN rail 35 x 15 mm x 2 m solid
XBAES35C-50PK	28.00	1-screw mounted end stop, pack of 50
XBAES35T-50PK	21.00	3-screw mounted end stop, pack of 50
XBAES35N-50PK	17.75	Snap-on end stop, pack of 50

Ordering Example: **XBPT25-50PK**, spring clip terminal blocks, **XBACPT25-10PK**, end covers, **XBANS3575P**, DIN rail, £27 + 2.70 + 6 = **£35.70**.

SPECIFICATIONS FOR XBPT4 SERIES

Terminal Width: 6.2 mm

Maximum Wire Size: 10 AWG/4 mm²

IEC 60 947-7-1 in V/A/AWG: 800/40/28-10

EN 50 019 in V/A/AWG: 550/34 or 30/24-10

UL-cUL Ratings in V/A/AWG: 600/30/20-10

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm: 6.2/56.0/2.2

Height for 35 x 7.5/35 x 15 in mm: 36.8/44.0

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in A/Cross-Section in mm²: 40/6

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 4

Stranded with Ferrules without Plastic Sleeve in mm²: 0.25 to 4

Stranded with Twin Ferrule with Plastic Sleeve in mm²: 0.5 to 1

Stripping Length in mm: 10

To Order (Specify Model Number)**MOST POPULAR MODELS HIGHLIGHTED!**

MODEL NO.	PRICE	DESCRIPTION
XBPT4-50PK	£29.50	Grey, 6.2 mm spring clip TB 0.32 to 2.6 mm dia., pack of 50
XBPT4BU-50PK	29.50	Blue, 6.2 mm spring clip TB 0.32 to 2.6 mm dia., pack of 50
ACCESSORIES		
XBACPT4-10PK	2.80	Grey end cover, pack of 10
XBATPT4-10PK	2.40	Partition plate, pack of 10
XBAFBS26-10PK	2.30	Red 2 position plug-in bridge, pack of 10 for XBPT4 Series
XBAFBS36-10PK	4.50	Red 3 position plug-in bridge, pack of 10 for XBPT4 Series
XBAFBS56-10PK	8.70	Red 5 position plug-in bridge, pack of 10 for XBPT4 Series
XBAFBS106-10PK	18.25	Red 10 position plug-in bridge, pack of 10 for XBPT4 Series
XBAFBS506-10PK	114.00	Red 50 position plug-in bridge, pack of 10 for XBPT4 Series
XBATSPAI4-10PK	54.00	Test adaptor, pack of 10
XBMZBF6-10PK	2.80	White blank marker strip external labeling, pack of 10
XBMZB6-10PK	3.10	White blank marker strip centre labeling, pack of 10
XBANS3575P	6.00	DIN rail 35 x 7.5 mm x 2 m slotted
XBANS3575U	6.20	DIN rail 35 x 7.5 mm x 2 m solid
XBANS3515P	11.50	DIN rail 35 x 15 mm x 2 m slotted
XBANS3515U	11.50	DIN rail 35 x 15 mm x 2 m solid
XBAES35C-50PK	28.00	1-screw mounted end stop, pack of 50
XBAES35T-50PK	21.00	3-screw mounted end stop, pack of 50
XBAES35N-50PK	17.75	Snap-on end stop, pack of 50

Ordering Example: **XBPT4-50PK**, spring clip terminal blocks, **XBACPT4-10PK**, end covers, **XBANS3575P**, DIN rail, £29.50 + 2.80 + 6 = **£38.30**.

SPECIFICATIONS FOR XBPT6 SERIES

Terminal Width: 8.2 mm
 Maximum Wire Size: 8 AWG/6 mm²
 IEC 60 947-7-1 in V/A/AWG: 800/52/24-8
 EN 50 019 in V/A/AWG: 550/45 or 36/20-8
 UL-cUL Ratings in V/A/AWG: 600/50/24-8

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm:
 8.2/69.5/2.2
 Height for 35 x 7.5/35 x 15 in mm:
 43.5/51.0

TECHNICAL DATA IN ACCORDANCE WITH IEC

Maximum Load Current in A/ Cross-Section in mm²: 52/10
 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: 12



To Order (Specify Model Number)

MOST POPULAR MODELS HIGHLIGHTED!

MODEL NO.	PRICE	DESCRIPTION
XBPT6-50PK	£44.50	Grey, 8.2 mm spring clip TB 0.5 to 3.2 mm dia., pack of 50
XBPT6BU-50PK	44.50	Blue, 8.2 mm spring clip TB 0.5 to 3.2 mm dia., pack of 50
ACCESSORIES		
XBACPT6-10PK	£2.80	Grey end cover, pack of 10
XBAFBS28-10PK	2.80	Plug-in bridge for cross connection in the terminal centre, pack of 10 for XBPT6 Series
XBATSPA14-10PK	54.00	Test adaptor, pack of 10
XBMZBF8-10PK	2.80	White blank marker strip external labeling, pack of 10
XBMZB8-10PK	3.10	White blank marker strip centre labeling, pack of 10
XBANS3575P	6.00	DIN rail 35 x 7.5 mm x 2 m slotted
XBANS3575U	6.20	DIN rail 35 x 7.5 mm x 2 m solid
XBANS3515P	11.50	DIN rail 35 x 15 mm x 2 m slotted
XBANS3515U	11.50	DIN rail 35 x 15 mm x 2 m solid
XBAES35C-50PK	28.00	1-screw mounted end stop, pack of 50
XBAES35T-50PK	21.00	3-screw mounted end stop, pack of 50
XBAES35N-50PK	17.75	Snap-on end stop, pack of 50

Ordering Example: **XBPT6-50PK**, spring clip terminal blocks, **XBACPT6-10PK**, end covers, **XBANS3575P**, DIN rail, £44.50 + 2.80 + 6 = **£53.30**.

SPECIFICATIONS FOR XBPT10 SERIES

Terminal Width: 10.2 mm
 Maximum Wire Size: 6 AWG/10 mm²
 IEC 60 947-7-1 in V/ A/AWG: 800/65/24-6
 EN 50 019 in V/A/AWG: 550/50 or 63/16-6
 UL-cUL Ratings in V/A/AWG: 600/65/16-6

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm: 10.0/71.5/2.2
 Height for 35 x 7.5/35 x 15 in mm: 50.5/58.5

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: 18

To Order (Specify Model Number)

MOST POPULAR MODELS HIGHLIGHTED!

MODEL NO.	PRICE	DESCRIPTION
XBPT10-50PK	£59.00	Grey, 10.2 mm spring clip TB 0.5 to 4.1 mm dia., pack of 50
XBPT10BU-50PK	59.00	Blue, 10.2 mm spring clip TB 0.5 to 4.1 mm dia., pack of 50
ACCESSORIES		
XBACPT10-10PK	£3.50	Grey end cover, pack of 10
XBAFBS210-10PK	7.50	Plug-in bridge for cross connection in the terminal centre, pack of 10 for XBPT10 Series
XBMZBF10-10PK	2.80	White blank marker strip external labeling, pack of 10
XBMZB10-10PK	3.10	White blank marker strip centre labeling, pack of 10
XBANS3575P	6.00	DIN rail 35 x 7.5 mm x 2 m slotted
XBANS3575U	6.20	DIN rail 35 x 7.5 mm x 2 m solid
XBANS3515P	11.50	DIN rail 35 x 15 mm x 2 m slotted
XBANS3515U	11.50	DIN rail 35 x 15 mm x 2 m solid
XBAES35C-50PK	28.00	1-screw mounted end stop, pack of 50
XBAES35T-50PK	21.00	3-screw mounted end stop, pack of 50
XBAES35N-50PK	17.75	Snap-on end stop, pack of 50

Ordering Example: **XBPT10-50PK**, spring clip terminal blocks, **XBACPT10-10PK**, end covers, **XBANS3575P**, DIN rail, £59 + 3.50 + 6 = **£68.50**.



SPECIFICATIONS FOR XBPT16 SERIES

Terminal Width: 12 mm
 Maximum Wire Size: 4 AWG/16 mm²
 IEC 60 947-7-1 in V/A/AWG: 800/90/24-4
 EN 50 019 in V/A/AWG: 550/65 or 82/16-6
 UL-cUL Ratings in V/A/AWG: 600/50/16-4

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm: 12/80/2.2
 Height for 35 x 7.5/35 x 15 in mm: 51.0/58.5

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: 18

To Order (Specify Model Number)

MOST POPULAR MODELS HIGHLIGHTED!

MODEL NO.	PRICE	DESCRIPTION
XBPT16-50PK	£80.00	Grey, 12 mm spring clip TB 0.5 to 5.2 mm dia., pack of 50
XBPT16BU-50PK	80.00	Blue, 12 mm spring clip TB 0.5 to 5.2 mm dia., pack of 50
ACCESSORIES		
XBACPT16-10PK	£3.70	Grey end cover, pack of 10
XBAFBS212-10PK	8.90	Plug-in bridge for cross connection in the terminal centre pack of 10 for XBPT16 Series
XBANS3575P	6.00	DIN rail 35 x 7.5 mm x 2 m slotted
XBANS3575U	6.20	DIN rail 35 x 7.5 mm x 2 m solid
XBANS3515P	11.50	DIN rail 35 x 15 mm x 2 m slotted
XBANS3515U	11.50	DIN rail 35 x 15 mm x 2 m solid
XBAES35C-50PK	28.00	1-screw mounted end stop, pack of 50
XBAES35T-50PK	21.00	3-screw mounted end stop, pack of 50
XBAES35N-50PK	17.75	Snap-on end stop, pack of 50

Ordering Example: **XBPT16-50PK**, spring clip terminal blocks, **XBACPT16-10PK**, end covers, **XBANS3575P**, DIN rail, £80 + 3.70 + 6 = **£89.70**.

SPECIFICATIONS FOR XBPT35 SERIES

Terminal Width: 16 mm
 Maximum Wire Size: 2 AWG/35 mm²
 IEC 60 947-7-1 in V/A/AWG: 800/125/14-2
 EN 50 0191 in V/A/AWG: 750/108/14-2
 UL-cUL Ratings in V/A/AWG: 600/115/14-2

TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm: 16.0/100
 Height for 35 x 7.5/35 x 15 in mm: 59/66.5

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: 25

To Order (Specify Model Number)

MOST POPULAR MODELS HIGHLIGHTED!

MODEL NO.	PRICE	DESCRIPTION
XBPT35-10PK	£94.00	Grey, 16 mm spring clip TB 1.6 to 6.5 mm dia., pack of 10
XBPT35BU-10PK	94.00	Blue, 16 mm spring clip TB 1.6 to 6.5 mm dia., pack of 10
ACCESSORIES		
XBAFBS216-10PK	£10.00	Plug-in bridge for cross connection in the terminal centre, pack of 10 for XBPT35 Series
XBANS3575P	6.00	DIN rail 35 x 7.5 mm x 2 m slotted
XBANS3575U	6.20	DIN rail 35 x 7.5 mm x 2 m solid
XBANS3515P	11.50	DIN rail 35 x 15 mm x 2 m slotted
XBANS3515U	11.50	DIN rail 35 x 15 mm x 2 m solid
XBAES35C-50PK	28.00	1-screw mounted end stop, pack of 50
XBAES35T-50PK	21.00	3-screw mounted end stop, pack of 50
XBAES35N-50PK	17.75	Snap-on end stop, pack of 50

Ordering Example: **XBPT35-10PK**, spring clip terminal blocks **XBAFBS216-10PK**, plug-in bridge, **XBANS3575P**, DIN rail, £94 + 10 + 6 = **£214**.



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