



# INSULATION DISPLACEMENT CONNECTION EARTH TERMINAL BLOCKS

**XBQT Series  
Starts at  
£20  
Pack of 10**



- Quick Connection Capability
- Global Acceptance
- Flexible Plug-In Bridge System
- Large Surface Area for Marking
- Standardised Testing System

The XBQT earth 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 FOR XBQT15D22PE, XBQU15PE SERIES

Terminal Width: 5.2 mm

### XBQT15D22PE

Maximum Wire Size: 16 AWG/1.5 mm<sup>2</sup>

Connection Data in AWG: 24-16

EN 50 019 in AWG for XBQT15: 24-16

UL-cUL Ratings in AWG: 24-16

### XBQU15PE

Maximum Wire Size: 12 AWG/2.5 mm<sup>2</sup>

IEC Screw Connection in AWG: 26-12

IEC IDC Connection in AWG: 24-12

UL-cUL Screw Connection in AWG: 26-12

UL-cUL IDC Connection in AWG: 24-16

### TECHNICAL DATA DIMENSIONS

#### XBQU15PE

Height for 35 x 7.5/35 x 15 in mm: 42.8/50.3

Width/Length/Cover Width in mm: 5.2/58.8/2.2

#### XBQT15D22PE

Height for 35 x 7.5/35 x 15 in mm: 39.3/46.8

Width/Length/Cover Width in mm: 5.2/94/2.2

### TECHNICAL DATA IN ACCORDANCE WITH IEC

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

Surge Voltage Category/Insulating Material Group: III/I

### CONNECTION CROSS-SECTION

Core Insulation: PVC/PE

Single/Multiple/Fine Strand in mm<sup>2</sup>: 1.5

Halogen-Free in mm<sup>2</sup>: 1.5

Fine Stranded/Supercap Strand in AWG (mm<sup>2</sup>):

24 to 16 (0.25 to 0.34)

Repeated Connections Minimum 100x in mm<sup>2</sup>: 0.25 to 1.5

XBQT25PE-10PK,  
£20 for pack of 10

All models shown  
smaller than actual size.

XBQT15D22PE-10PK,  
£27 for pack of 10



### CONNECTION CAPACITY, SCREW CONNECTION FOR XBQU15PE

Stranded with Ferrule/with Ferrule and Plastic Sleeve in mm<sup>2</sup>: 0.25 to 2.5/0.25 to 2.5

Multi-Conductor Connection (Same Cross-Section)

Solid/Stranded in mm<sup>2</sup>: 0.14 to 1.5/0.14 to 1.5

Stranded with Ferrule w/o Plastic Sleeve in mm<sup>2</sup>: 0.25 to 1.5

Stranded with Twin Ferrule w/ Plastic Sleeve in mm<sup>2</sup>: 0.5 to 1.5

Stripping Length in mm: 9

Thread/Torque Nm: M3/0.6 to 0.8

### SPECIFICATIONS FOR XBQT25PE AND XBQU25PE

Terminal Width: 6.2 mm

#### XBQT25PE

Maximum Wire Size: 14 AWG/2.5 mm<sup>2</sup>

Maximum Wire Size for XBQU25: 10 AWG/4 mm<sup>2</sup>

Connection Data in AWG: 20-14

UL-cUL Ratings in AWG: 20-14

#### XBQU25PE

Maximum Wire Size: 10 AWG/4 mm<sup>2</sup>

Screw Connection in AWG: 26-10

IEC IDC Connection in AWG: 20-14

UL-cUL Screw Connection in AWG: 26-10

UL-cUL IDC Connection in AWG: 24-14

### TECHNICAL DATA DIMENSIONS

Width/Length/Cover Width in mm: 6.2/62.6/2.2

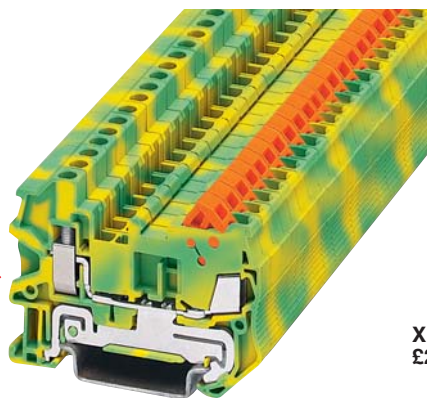
#### XBQT25PE

Height for 35 x 7.5/35 x 15 in mm: 39.3/46.8

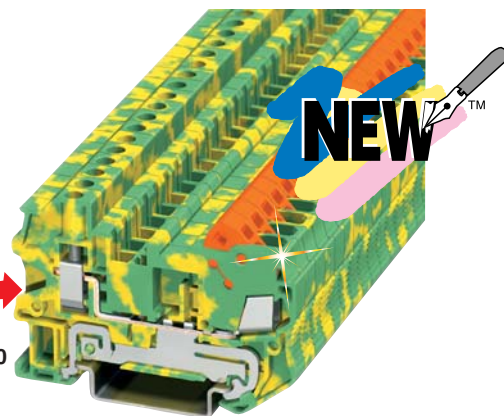
#### XBQU25PE

Height for 35 x 7.5/35 x 15 in mm: 42.8/50.3

**XBQU15PE-10PK,**  
£22 for pack of 10



**XBQU25PE-10PK,**  
£22.75 for pack of 10



**TECHNICAL DATA IN ACCORDANCE WITH IEC**

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

Surge Voltage Category/Insulating Material Group: III/I

**CONNECTION CROSS-SECTION**

Core Insulation: PVC/PE

Single/Multiple/Fine Strand in mm<sup>2</sup>: 2.5

Halogen-Free in mm<sup>2</sup>: 2.5

Fine Stranded/Superfine Strand in AWG: 20 to 14

Repeated Connections Minimum 100x in mm<sup>2</sup>: 0.5 to 2.5

**Connection Capacity, Screw Connection for XBQU25PE**

Stranded with Ferrule/with Ferrule and Plastic Sleeve in mm<sup>2</sup>: 0.25 to 4/ 0.25 to 4

Multi-Conductor Connection (same cross-section)

Solid/Stranded in mm<sup>2</sup>: 0.14 to 1.5/0.14 to 1.5

Stranded with Ferrule w/o Plastic Sleeve in mm<sup>2</sup>: 0.25 to 1.5

Stranded with Twin Ferrule w/ Plastic Sleeve in mm<sup>2</sup>: 0.5 to 2.5

Stripping Length in mm: 9

Thread/Torque Nm: M3/0.6 to 0.8

**To Order** (Specify Model Number)

**MOST POPULAR MODELS HIGHLIGHTED!**

MODEL NO.	PRICE	DESCRIPTION
XBQT25PE-10PK	£20	Grey, 6.2 mm IDC earth TB, 0.8 to 1.6 mm dia., pack of 10
XBQT15D22PE-10PK	27	Grey, 5.2 mm 4 wire multi-conductor IDC earth TB, 0.5 to 1.3 mm dia., pack of 10
XBQU15PE-10PK	22	Grey, 5.2 mm IDC earth hybrid TB, 0.5 to 1.3 mm dia., pack of 10
XBQU25PE-10PK	22.75	Grey, 6.2 mm IDC earth hybrid TB, 0.8 to 1.6 mm dia., pack of 10
<b>ACCESSORIES</b>		
XBACQT15D22-10PK	£2.90	Grey end cover, pack of 10 for XBQT15D22PE
XBACQT25-10PK	2.80	Grey end cover, pack of 10 for XBQT25PE
XBACQU15-10PK	2.80	Grey end cover, pack of 10 for XBQU15PE
XBACQU25-10PK	2.80	Grey end cover, pack of 10 for XBQU25PE
XBAFBS25-10PK	2.30	Red 2 position plug-in bridge, pack of 10 for XBQT15D22PE, XBQU15PE
XBAFBS35-10PK	4.50	Red 3 position plug-in bridge, pack of 10 for XBQT15D22PE, XBQU15PE
XBAFBS55-10PK	8.70	Red 5 position plug-in bridge, pack of 10 for XBQT15D22PE, XBQU15PE
XBAFBS105-10PK	18.25	Red 10 position plug-in bridge, pack of 10 for XBQT15D22PE, XBQU15PE
XBAFBS505-10PK	87.00	Red 50 position plug-in bridge, pack of 10 for XBQT15D22PE, XBQU15PE
XBAFBS26-10PK	2.30	Red 2 position plug-in bridge, pack of 10 for XBQT25PE, XBQU25PE
XBAFBS36-10PK	4.50	Red 3 position plug-in bridge, pack of 10 for XBQT25PE, XBQU25PE
XBAFBS56-10PK	8.70	Red 5 position plug-in bridge, pack of 10 for XBQT25PE, XBQU25PE
XBAFBS106-10PK	18.25	Red 10 position plug-in bridge, pack of 10 for XBQT25PE, XBQU25PE
XBAFBS506-10PK	114.00	Red 50 position plug-in bridge, pack of 10 for XBQT25PE, XBQU25PE
XBATSPA14-10PK	54.00	Test adaptor, pack of 10
XBMZBF5-10PK	2.80	White blank marker strip external labeling, pack of 10 for XBQT15D22PE, XBQU15PE
XBMZB5-10PK	3.10	White blank marker strip external labeling, pack of 10 for XBQT15D22PE, XBQU15PE
XBMZBF6-10PK	2.80	White blank marker strip external labeling, pack of 10 for XBQT25PE, XBQU25PE
XBMZB6-10PK	3.10	White blank marker strip external labeling, pack of 10 for XBQT25PE, XBQU25PE
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: XBQT25PE-10PK, IDC earth terminal blocks, XBACQT25-10PK, end covers, XBANS3575P, DIN rail, £20 + 2.90 + 6 = £28.90.



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