Insulation Displacement Connection Ground Terminal Blocks

XBQT Series

CE UL RoHS

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

The XBQT 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.

XBQT25PE

All models shown smaller than actual size.

XBQT15D22PE

SPECIFICATIONS FOR XBQT15D22PE, XBQU15PE SERIES

Terminal Width: 5.2 mm (0.20")
XBQT15D22PE
  Maximum Wire Size: 16 AWG/1.5 mm²
  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 mm²
  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 (in):
  42.8 (1.69)/50.3 (1.98)
  Width/Length/Cover Width in mm (in):
  5.2 (0.20)/58.8 (2.31)/2.2 (0.09)
XBQT15D22PE
  Height for 35 x 7.5/35 x 15 in mm (in):
  39.3 (1.55)/46.8 (1.84)
  Width/Length/Cover Width in mm (in):
  5.2 (0.20)/94 (3.7)/2.2 (0.09)

TECHNICAL DATA IN ACCORDANCE WITH IEC
Rated Surge Voltage in kV/Contamination Class: 8/3
Surge Voltage Category/Insulating Material Group: III/I
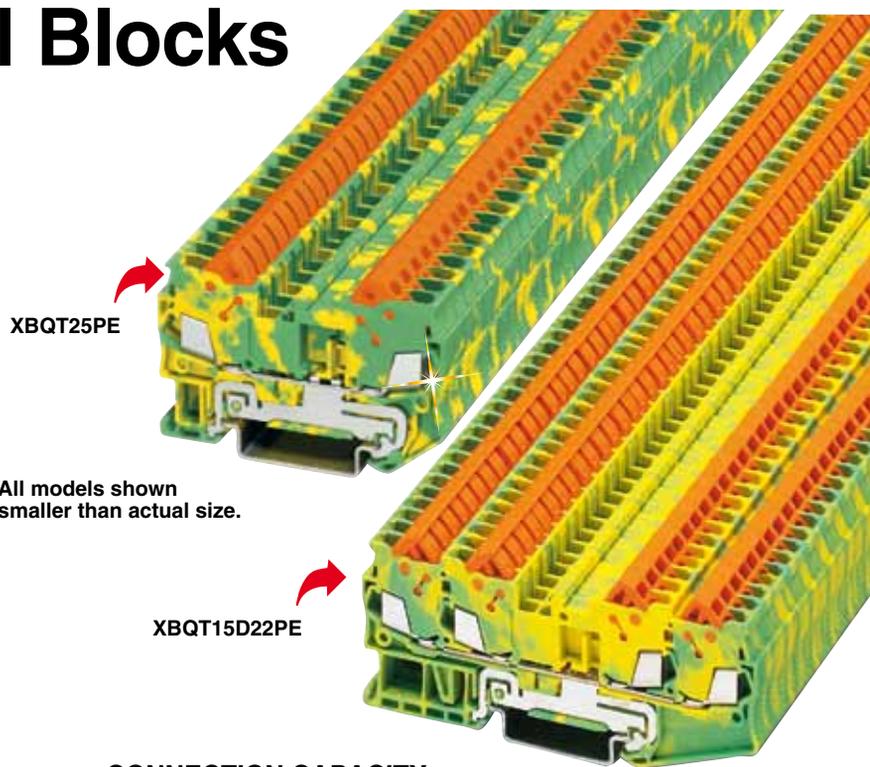
CONNECTION CROSS-SECTION
Core Insulation: PVC/PE
Single/Multiple/Fine Strand in mm²: 1.5
Halogen-Free in mm²: 1.5
Fine Stranded/Superfine Strand in AWG (mm²): 24 to 16 (0.25 to 0.34)
Repeated Connections Minimum 100x in mm²: 0.25 to 1.5

CONNECTION CAPACITY, SCREW CONNECTION FOR XBQU15PE
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 Ferrule w/o Plastic Sleeve in mm²: 0.25 to1.5
Stranded with Twin Ferrule w/ Plastic Sleeve in mm²: 0.5 to 1.5
Stripping Length in mm (in): 9 (0.35)
Thread/Torque in-lb (Nm): M3/5.3 to 7.1 (0.6 to 0.8)

SPECIFICATIONS FOR XBQT25PE AND XBQU25PE
Terminal Width: 6.2 mm (0.24")
XBQT25PE
  Maximum Wire Size: 14 AWG/2.5 mm²
  Maximum Wire Size for XBQU25: 10 AWG/4 mm²
  Connection Data in AWG: 20-14
  UL-cUL Ratings in AWG: 20-14
XBQU25PE
  Maximum Wire Size: 10 AWG/4 mm²
  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 (in):
6.2 (0.24)/62.6 (2.46)/2.2 (0.09)
XBQT25PE
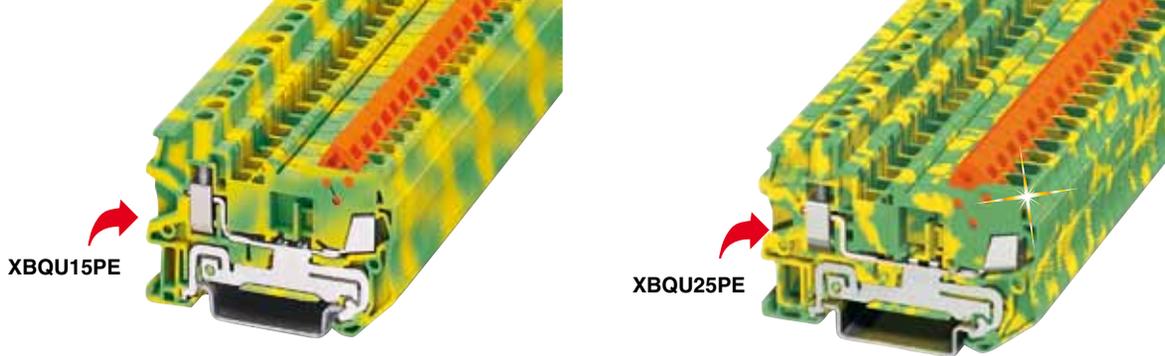 **Height for 35 x 7.5/35 x 15 in mm (in):**
  39.3 (1.55)/46.8 (1.84)
XBQU25PE
  Height for 35 x 7.5/35 x 15 in mm (in):
  42.8 (1.69)/50.3 (1.98)

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XBQU15PE

XBQU25PE

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 mm²: 2.5
Halogen-Free in mm²: 2.5
Fine Stranded/Superfine Strand in AWG: 20 to 14
Repeated Connections Minimum 100x in mm²: 0.5 to 2.5
Connection Capacity, Screw Connection for

XBQU25PE
Stranded with Ferrule/with Ferrule and Plastic Sleeve in mm²: 0.25 to 4/ 0.25 to 4
Multi-Conductor Connection (same cross-section)
Solid/Stranded in mm²: 0.14 to 1.5/0.14 to 1.5
Stranded with Ferrule w/o Plastic Sleeve in mm²: 0.25 to 1.5
Stranded with Twin Ferrule w/ Plastic Sleeve in mm²: 0.5 to 2.5
Stripping Length in mm (in): 9 (0.35)
Thread/Torque in-lb (Nm): M3/5.3 to 7.1 (0.6 to 0.8)

To Order

MODEL NO.	DESCRIPTION
XBQT25PE	Gray, 6.2 mm (0.24") IDC ground TB, 20-14 AWG
XBQT15D22PE	Gray, 5.2 mm (0.20") 4 wire multi-conductor IDC ground TB, 24-16 AWG
XBQU15PE	Gray, 5.2 mm (0.20") IDC ground hybrid TB, 24-16 AWG
XBQU25PE	Gray, 6.2 mm (0.24") IDC ground hybrid TB, 20-14 AWG
ACCESSORIES	
XBACQT15D22	Gray end cover for XBQT15D22PE
XBACQT25	Gray end cover for XBQT25PE
XBACQU15	Gray end cover for XBQU15PE
XBACQU25	Gray end cover for XBQU25PE
XBAFBS25	Red 2 position plug-in bridge for XBQT15D22PE, XBQU15PE
XBAFBS35	Red 3 position plug-in bridge for XBQT15D22PE, XBQU15PE
XBAFBS55	Red 5 position plug-in bridge for XBQT15D22PE, XBQU15PE
XBAFBS105	Red 10 position plug-in bridge for XBQT15D22PE, XBQU15PE
XBAFBS505	Red 50 position plug-in bridge for XBQT15D22PE, XBQU15PE
XBAFBS26	Red 2 position plug-in bridge for XBQT25PE, XBQU25PE
XBAFBS36	Red 3 position plug-in bridge for XBQT25PE, XBQU25PE
XBAFBS56	Red 5 position plug-in bridge for XBQT25PE, XBQU25PE
XBAFBS106	Red 10 position plug-in bridge for XBQT25PE, XBQU25PE
XBAFBS506	Red 50 position plug-in bridge for XBQT25PE, XBQU25PE
XBATSPAI4	Test adaptor
XBMZBF5	White blank marker strip external labeling for XBQT15D22PE, XBQU15PE
XBMZB5	White blank marker strip external labeling for XBQT15D22PE, XBQU15PE
XBMZBF6	White blank marker strip external labeling for XBQT25PE, XBQU25PE
XBMZB6	White blank marker strip external labeling for XBQT25PE, XBQU25PE
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 Examples: **XBQT25PE**, IDC ground terminal block, **XBACQT25,** end cover, **XBANS3575P**, DIN rail.*
***XBQU25PE**, IDC ground hybrid terminal block, **XBACQU25**, end cover, **XBMZB6**, blank marker strip, **XBANS3575P**, DIN rail.*