

Earthbridge B162, Two Stud, Cable to Solid Round Steel



Earthbridges are assemblies made from a high-quality conductive earthpoint (connecting terminal) and various types of conductors. The nVent ERICO Cadweld exothermic connection process is used to combine them together, forming a highly corrosion resistant and long-lasting assembly.

DIAGRAMS



FEATURES

Long-lasting design

Low ground resistance and impedance

Superior electrical conductivity and resistance to corrosion

Electrically and mechanically robust and reliable

Easy to install

SPECIFICATIONS

Earthpoint Type: B162, Two Stud

Conductor Type: Yellow-Green Insulated Cable to Solid Round Steel, 10° Angle

Table 1/3

Catalog Number	Material	Type	Conductor Size	Length 1 (L1)	Length 2 (L2)	Depth (D)
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BT12C70S100S RHC	Copper	BTCSSR	70 mm ²	1000 mm	100 mm	45mm
DT50C70S100S RC	Copper, Steel, Brass	DTCSSR	70 mm ² Stranded	1000 mm	100 mm	41.28mm
B1622QC701	Copper, Steel	DTCSSR	70 mm ² Stranded	1000 mm	100 mm	41.28mm

Table 2/3

Catalog Number	Width 1 (W1)	Width 2 (W2)	Diameter (Ø)	Thread Size (TS)	Angle (a)	Rebar Assembly Type
BT12C70S100S RHC	44.5 mm	85 mm	12 mm	M12	10 °	Arc Welding to Rebar
DT50C70S100S RC	44.5 mm	82.6 mm	12 mm	1/2" UNC	10 °	Arc Welding to Rebar
B1622QC701	44.5 mm	82.6 mm	12 mm	1/2" UNC	10 °	Arc Welding to Rebar

Table 3/3

Catalog Number	Hardware Included	Earthbridge Application	Complies With
BT12C70S100SRHC	Yes	Building	EN IEC® 62561-1 Class H 100kA
DT50C70S100SRC	No	Building	EN IEC® 62561-1 Class H 100kA
B1622QC701	No	Building	EN IEC® 62561-1 Class H 100kA

ADDITIONAL PRODUCT DETAILS

Includes (2) brass bolts and (2) brass washers.

DB-16-C-70-S-050-C		
DB	Earth Point	DB: 1 hole BT: 2 holes BF: 4 holes LU: M16 lug TA: tape
16	Thread Size	10: M10 12: M12 16: M16 40: Tape 40x5mm 30: Tape 30x4mm
C	Conductor Type	K: Steel Rond C: Y/G Cable T: Steel Bar F: Steel Bar 4mm N: NYY-O Cable H: N2XH-0 Cable
70	Conductor Size	12: D12mm 16: D16mm 30: 30x4mm 40: 40x5mm 50: 50mm ² 70: 70mm ² 95: 95mm ²
S	Conductor Angle	S: 0° P: 90° A: 45°
050	Length (cm)	xxx
x	Termination (option if cable)	SR: Solid Round EP: Earthpoint perpendicular ES: Earthpoint straight TA: Tape of 100mm TP: Tape of 150mm LU: M16 lug
x	Bolts & Washer	- : No Hardware H: With Hardware
C	Packaging	- : by unit (Made-to-Stock) C: 5 pieces (Made-to-Order) G: 25 pieces (Made-to-Order)

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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