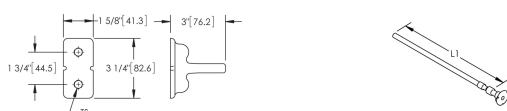


# Earthbridge B162, Two Stud, Insulated Cable, Straight



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

**Material:** Copper

**Conductor Type:** Yellow-Green Insulated Cable, Straight

Table 1/3

Catalog Number	Article Number	Type	Conductor Size	Length (L)	Depth (D)	Width 1 (W1)
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B16212C502	166560	BTCS	50 mm <sup>2</sup> Stranded	2000mm	45mm	44.5 mm
BT12C50S050HC		BTCS	50 mm <sup>2</sup> Stranded	500mm	45mm	44.5 mm
B16212C5005	166540	BTCS	50 mm <sup>2</sup> Stranded	500mm	45mm	44.5 mm
B16212C501	166550	BTCS	50 mm <sup>2</sup> Stranded	1000mm	45mm	44.5 mm

Table 2/3

Catalog Number	Article Number	Width 2 (W2)	Thread Size (TS)	Hole Quantity	Rebar Assembly Type	Hardware Included
B16212C502	166560	85 mm	M12	2	Cadweld or Clamp	Yes
BT12C50S050HC		85 mm	M12	2	Cadweld or Clamp	Yes
B16212C5005	166540	85 mm	M12	2	Cadweld or Clamp	Yes
B16212C501	166550	85 mm	M12	2	Cadweld or Clamp	Yes

Table 3/3

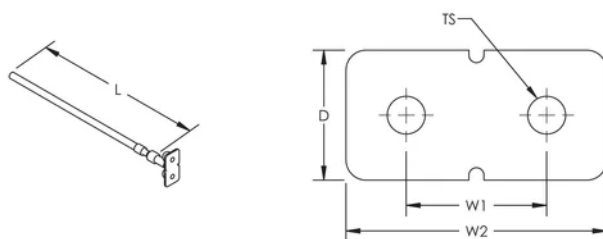
Catalog Number	Article Number	Earthbridge Application	Complies With
B16212C502	166560	Building	EN IEC® 62561-1 Class H 100kA
BT12C50S050HC		Building	EN IEC® 62561-1 Class H 100kA
B16212C5005	166540	Building	EN IEC® 62561-1 Class H 100kA
B16212C501	166550	Building	EN IEC® 62561-1 Class H 100kA

## ADDITIONAL PRODUCT DETAILS

Includes (2) brass bolts, (2) brass washers, (2) plastic caps, and (1) protective label.

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 <sup>2</sup> 70: 70mm <sup>2</sup> 95: 95mm <sup>2</sup>
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](http://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](http://www.P65Warnings.ca.gov).

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