

Earthbridge DB, One Stud, NYY Cable to Tape, 90° Angle



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

- Material:** Copper;Steel
- Earthpoint Type:** DB, One Stud
- Conductor Type:** NYY Cable to Tape, 90° Angle

Table 1/3

Catalog Number	Type	Conductor Size	Length 1 (L1)	Length 2 (L2)	Height (H)	Thickness (T)
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DB16N70P050T A	DBNPTA	70 mm ² Stranded	500 mm	100 mm	30 mm	4 mm
DB16N95P050T A	DBNPTA	95 mm ² Stranded	500 mm	100 mm	40 mm	5 mm

Table 2/3

Catalog Number	Diameter (Ø)	Thread Size (TS)	Angle (a)	Hole Quantity	Rebar Assembly Type	Hardware Included
DB16N70P050T A	50 mm	M16	90 °	1	Arc Welding to Rebar	No
DB16N95P050T A	50 mm	M16	90 °	1	Arc Welding to Rebar	No

Table 3/3

Catalog Number	Tape Size	Earthbridge Application	Complies With
DB16N70P050TA		Tunnel	RIL 997.02050A01 (Construction 1 Ik 25 kA), EN IEC® 62561-1 Class H 100kA
DB16N95P050TA	40 x 5 mm	Tunnel	RIL 997.02050A01 (Construction 2 Ik > 25 kA), EN IEC® 62561-1 Class H 100kA

ADDITIONAL PRODUCT DETAILS

Includes (1) plastic cap 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 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.

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