

# DB Earthpoint, One Stud



Grounding and bonding are an integral part of any modern electrical protection system design. An effective ground system is a key element of this. An equipotential bond between all current-carrying elements in a structure and earth is required for personnel safety in case of catenary failure, for instance.

A cathodic protection system also prevents corrosion damage to steelwork and reduces expensive maintenance.

It is crucial to help provide personnel safety, as well as reliable protection for vital equipment, and in some cases, to minimize interruptions of service and costly downtime. With over a century of experience in the design and manufacturing of bonding and grounding solutions, ERICO offers a quality system to assist you with your needs.

## FEATURES

Preferential bonding earthpoint

Enables production of the earthbridge using nVent ERICO Cadweld Exothermic connections to attach to a round solid, round stranded, or flat conductor made of copper or steel

Nuts and bolts are supplied unassembled

A plastic cap is installed on the threaded hole to protect against concrete intrusion

## SPECIFICATIONS

**Material:** Copper

Table 1/1

| Catalog Number | Article Number | Height (H) | Diameter 1 (Ø1) | Diameter 2 (Ø2) | Thread Size (TS) |
|----------------|----------------|------------|-----------------|-----------------|------------------|
| DB16A          | 166180         | 55 mm      | 16 mm           | 50 mm           | M16              |
| DB10A          | 166120         | 55 mm      | 16 mm           | 50 mm           | M10              |
| DB12ABLK       |                | 55 mm      | 16 mm           | 50 mm           | M12              |
| DB12A          | 166150         | 55 mm      | 16 mm           | 50 mm           | M12              |

| Catalog Number | Article Number | Height (H) | Diameter 1 (Ø1) | Diameter 2 (Ø2) | Thread Size (TS) |
|----------------|----------------|------------|-----------------|-----------------|------------------|
| DB16ABLK       |                | 55 mm      | 16 mm           | 50 mm           | M16              |
| DB10ABLK       |                | 55 mm      | 16 mm           | 50 mm           | M10              |

## ADDITIONAL PRODUCT DETAILS

Assemblies require conductors and nVent ERICO Cadweld connections, which must be ordered separately.

## 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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