TransNet
Your Partners in Power

100% NEW ZEALAND OWNED

NVENT EARTH BONDS

– PREFABRICATED EARTH POINT ASSEMBLIES

An Earth Bond is a prefabricated assembly consisting of a copper receptor which acts as a preferential bonding earth point on a cast structure or a cast member either for earthing or stray current application and a piece of conductor, connected to the copper receptor by an nVent ERICO Cadweld connection. The conductor is then connected to the structure on site using nVent ERICO Cadweld or another connection method.



Earth Bonds are embedded in the concrete structure during the pour so that only the round surface of the copper earth point is visible while being perfectly flush and protected by the concrete surface.

Earth Bonds, Wricon's or Earthbridge assemblies as they are often referred are available with a bare tail or a plate.



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.

nVent

FEATURES

- Low ground resistance and impedance
- Superior electrical conductivity and resistance to corrosion
- Electrically and mechanically robust and reliable
- Easy to install
- Rated according to IEEE 80:2013, Annex C





Part Number	Cable Size (mm²)	Length (m)	End Configuration	Bar Diameter (mm)	Bar Length (mm)	Earth Point Size (mm)	Short Circuit Rating to IEEE 80 (kA)
EEB-16-P-3	16	3	Plate	8	220	M10	5.48
EEB-35-P-3	35	3	Plate	12	220	M10	7.89
EEB-50-P-3	50	3	Plate	12	220	M10	7.89
EEB-70-P-3	70	3	Plate	16	220	M10	14.03
EEB-95-P-3	95	3	Plate	16	220	M10	14.03
EEB-120-P-3	120	3	Plate	20	220	M12	21.95
EEB-6-CK-10	6	10	Bare Tail with Clamp Kit	8	370	N/A	3.51
EEB-6-BT-10	6	10	Bare Tail	8	220	N/A	3.51
EEB-16-BT-3	16	3	Bare Tail	8	220	N/A	5.48
EEB-35-BT-3	35	3	Bare Tail	12	220	N/A	7.89
EEB-50-BT-3	50	3	Bare Tail	12	220	N/A	7.89
EEB-70-BT-3	70	3	Bare Tail	16	220	N/A	14.03
EEB-95-BT-3	95	3	Bare Tail	16	220	N/A	14.03
EEB-120-BT-3	120	3	Bare Tail	20	220	N/A	21.95

Additional sizes and bond lead lengths are available, contact us to discuss your requirements.

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ISO 14001 CERTIFIED
CARBON CONSCIOUS COMPANY