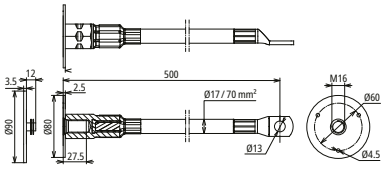
Earthing system for railways

D BEB 11 / EBS 15-03-27 (419110)





Dimension drawing

Earthing bridge for earthing large pipes
The earthing bridges are designed for earthing, return circuits and equipotential bonding in railway line applications. The version for earthing large pipes is intended for use with pile and large pipe foundations. The product consists of a copper cable with a pressed-on sleeve and stainless steel connection plate with integrated boreholes for the formwork fixing at one end, and a cable lug at the opposite end. The cable lug is used to establish a short-circuit-resistant connection to the pile or large pipe foundation. The flexibility of the cable simplifies installation in the reinforcement for the user. This earthing bridge also has the technical approval of DB InfraGO AG so can be used without hesitation in planning.

Due to the high current-carrying capacity, the product is also suitable for use in transformer stations, substations, battery storage systems, electrolysers, etc.

Type	**D BEB 11 / EBS 15-03-27**
Part No.	**419110**
Technical data	
Short-circuit current (AC 50 Hz / DC) (1 s; ≤ 300 °C)	14.1 kA
Length	500 mm
Connection head	
Connection thread	M16
Deep connection thread	27.5 mm
Connection plate Ø	80 mm
Material of plate	StSt (V4A)
Material No. Plate	1.4404
Material of socket	StSt
Material No. Socket	1.4305
Corrosion resistance	PREN > 18
Railway-specific data	
Short-circuit current class	< 25 kA
Test current	25 kA / 100 ms
DB drawing No.	4 Ebs 15.03.27 - 4
DB standard	DB Ril 997.0205A01
Cable	
Type	NYY-O
Diameter Ø	17 mm
Cross section	70 mm²
Material	Cu
Cable lug	
Material	Cu/gal Sn
Hole	13 mm

Masterdata	
Net weight	1 pc(s)/st
Customs tariff number (Comb. Nomenclature EU)	85369010
GTIN	4013364439665
PU	1 st

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.