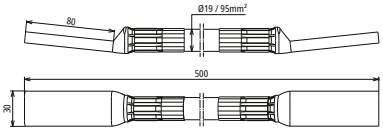
Earthing system for railways

D BEB 10-FLEX / EBS 15-03-19 (419101)





Dimension drawing

Copper cable earthing bridges
The earthing bridges are designed for earthing, return circuits and equipotential bonding in railway line applications. This version establishes a connection within the concrete structure by welding the steel lugs pressed onto the copper cable to the internal earthing. The particularly high flexibility of the cable considerably simplifies installation in the reinforcement for the user. These earthing bridges also have 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 10-FLEX / EBS 15-03-19**
Part No.	**419101**
Technical data	
Short-circuit current (AC 50 Hz / DC) (1 s; ≤ 300 °C)	15.5 kA
Length	500 mm
Railway-specific data	
Short-circuit current class	> 25 kA
Test current	40 kA / 100 ms
DB drawing No.	3 Ebs 15.03.19 - 41
DB standard	DB Ril 997.0205A01
Cable	
Type	H07VK
Diameter Ø	19 mm
Cross section	95 mm²
Material	Cu
Lug	
Material	**St E235+N**
Dimensions	80 x 30 mm

Masterdata	
Net weight	1 pc(s)/st
Customs tariff number (Comb. Nomenclature EU)	85369010
GTIN	4013364439603
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.