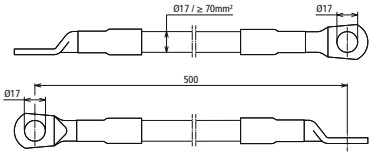
Earthing system for railways

D BEB 29 R / EBS 15-03-17 (419513)





Dimension drawing

Copper-steel-aluminium cable earthing connector, right-twisted version
The earthing connectors are designed for earthing, return circuits and equipotential bonding in railway line applications. The halogen-free version D BEB 29 – for the external connection of earth connection points and other connection elements is designed with a cable lug version for M16 terminals. This earthing connector consists of a copper-steel-aluminium cable, thus representing a preventive anti-theft measure. This earthing connector also has the technical approval of DB InfraGO AG so can be used without hesitation in planning.

Type	**D BEB 29 R / EBS 15-03-17**
Part No.	**419513**
Material of the cable lug	**Cu/gal Sn**
Material of cable	**CuStAl**
Short-circuit current	> 25 kA
Lightning current carrying capability (10/350 µs) (I_{imp})	200 kA
Cable	**(N)2X RF CuStAl**
Cable cross-section	≥ 70 mm²
Type	halogen-free
Cable diameter	17 mm
Cable lug borehole	17 mm
Design cable lug	rotated 90° right
Standard	Ril 997.0205A01
Technical data	
Short-circuit current (AC 50 Hz / DC) (1 s; ≤ 300 °C)	12.6 kA
Axle	
Length	500 mm
Railway-specific data	
Test current	40 kA / 100 ms
DB drawing No.	4 Ebs 15.03.17 - 6 (Bayka)

Masterdata	
Net weight	1 pc(s)/st
Customs tariff number (Comb. Nomenclature EU)	85359000
GTIN	4013364480506
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.