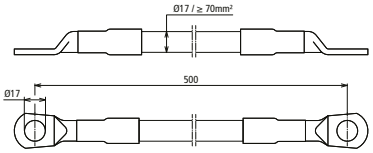
# Earthing system for railways

## D BEB 29 / EBS 15-03-17 (419290)






Dimension drawing

**Copper-steel-aluminium cable earthing connector**
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 / EBS 15-03-17** |
|---|---|
| **Part No.** | **419290** |
| 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 |
| 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 | 4013364439627 |
| 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.