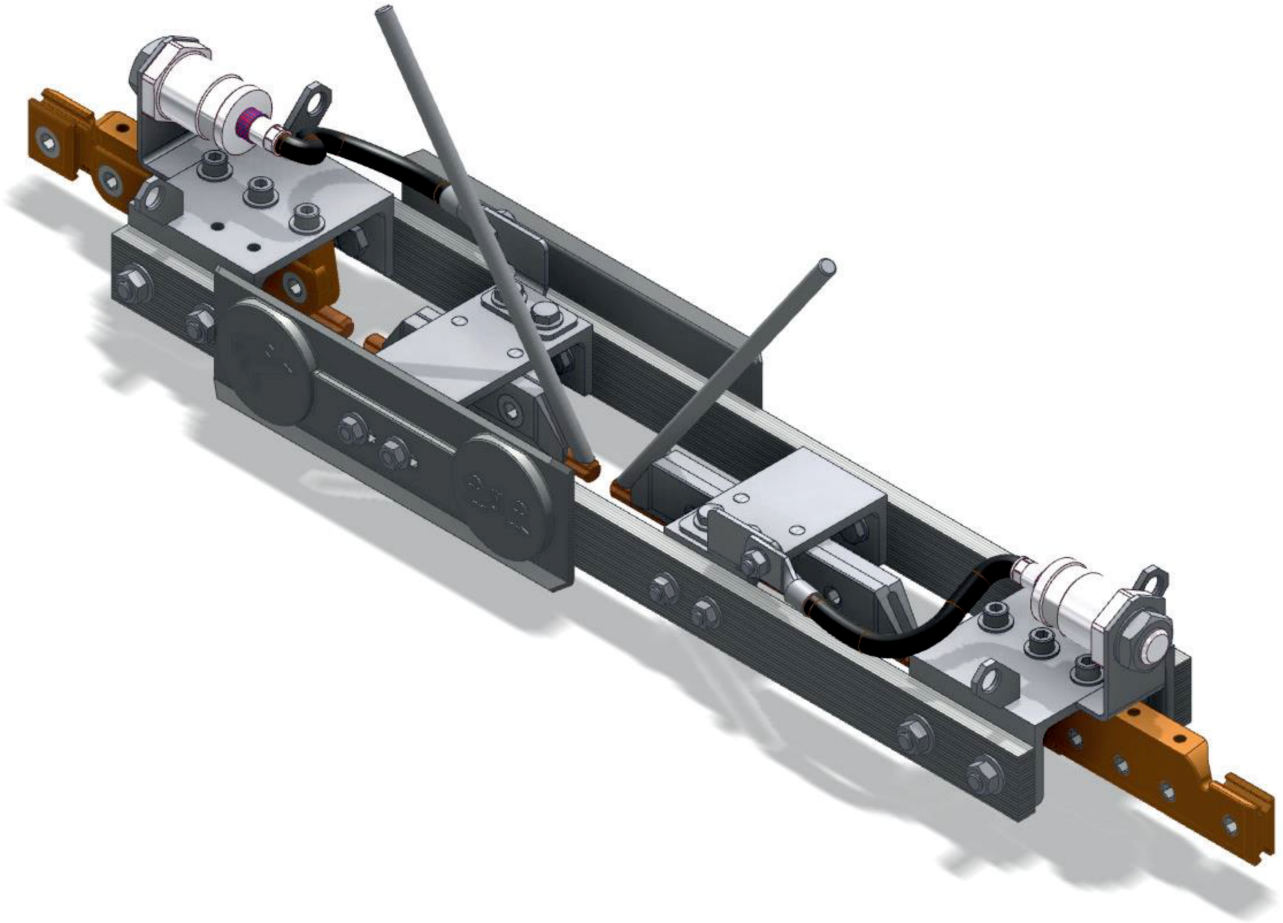


# Section insulator ETB 750 V DC with diode negative terminal

Item number B1312-02



## Dimensions

length: 880 mm  
width: 165 mm  
height: 231 mm  
length between the contact line: 595 mm  
width of suspension above eyes: 116 mm  
length of suspension above eyes: 600 mm

## Material and weight

material: INOX / GFK / PA / BZ / ST tzn  
weight: 12.5 kg

## Loads

service load: 20 kN  
breaking load: 50 kN

## Applicable standards

EN 60383-1: 1996  
EN 50124-1: 2001/A2: 2005  
EN 50119: 2009/A1: 2013

## Function

For the electrical separation of adjacent contact line sections. Thanks to the neutral section, and taking into account the max. width of the

pantograph head, the two sectors are never connected. Traction current is supplied from the substation with higher feeding voltage via opposing diodes, but also in the vicinity of the neutral section.

### **Specification**

contact-wire cross-section: 100 - 120mm<sup>2</sup>  
kerf width: 5.6 mm  
creepage distances: 470 mm

arcing horn distance: 15 mm  
speed: 90 km/h  
operating voltage: 750 V DC

### **Comments**

For 1 grooved contact wire 100 -120mm<sup>2</sup>  
Design AC according to DIN EN 50149, groove width 5.6mm  
Design BF upon request