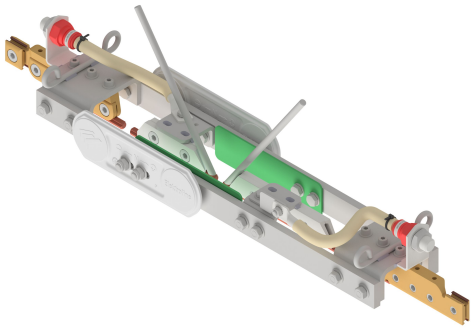
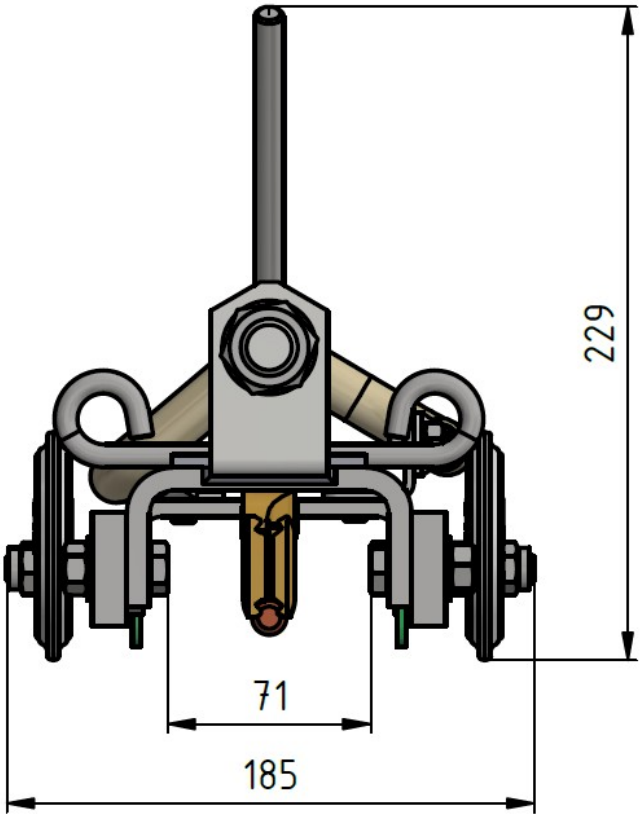
Section insulator ETB 750 V DC with diode positive terminal

Item number B1312-01





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
DIN EN 61109: 2006
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.

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Specification

contact-wire cross-section: 100 - 120mm2
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 - 120mm2
Design AC according to DIN EN 50149, groove width 5.6mm
Design BF upon request

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