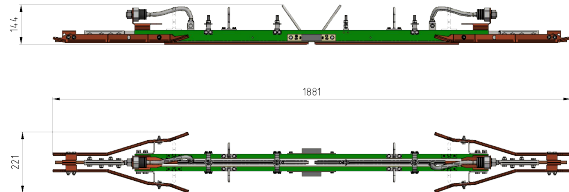
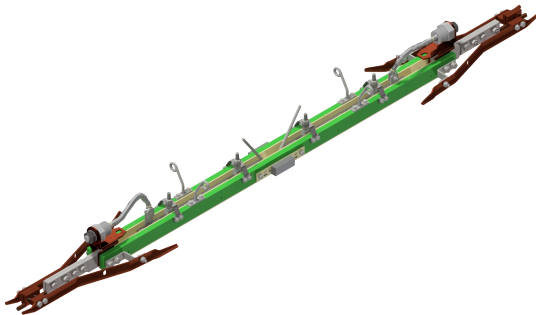


# Section insulator TW 750 V with diodes and insulation by airgaps for grooved contact wire 107-120mm<sup>2</sup>

Item number B1229-30



## Dimensions

height: 129 mm  
length: 1881 mm  
width: 222 mm  
length of suspension above eyes: 600 / 1000 mm  
width of suspension above eyes: 110 mm  
length between the contact line: 1367 mm

## Material and weight

weight: 17.3 kg  
material: INOX / GFK / PA / BZ / ST tzn

## Loads

service load: 15 kN  
breaking load: 38 kN

## Applicable standards

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

speed: 60 km/h  
shortcircuit current: 6000 A  
contact-wire cross-section: max. 150 mm<sup>2</sup>  
kerf width: 5.6 mm  
creepage distances: 1157 mm  
arcing horn distance: 21 mm  
operating voltage: 750 V DC

## Comments

- with arc blower