

# Section insulator TW 3000 V bridging for 1 grooved contact wire, suspension for TW

Item number B1146-01



## Dimensions

length: 992 mm  
width: 248 mm  
height: 100 mm  
length between the contact line: 453 mm  
length of suspension above eyes: 615 mm  
width of suspension above eyes: 115 mm

## Material and weight

material: INOX / GFK / PA / BZ / ST tzn  
weight: 10.4 kg

## Loads

service load: 15 kN  
breaking load: 38 kN

## Applicable standards

EN 60383-1: 1996

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EN 61109: 2006

EN 50119: 2009/A1: 2013

## Function

For the electrical separation of adjacent contact line sections.

## Specification

contact-wire cross-section: max. 150 mm<sup>2</sup>  
kerf width: 5.6 - 6.9 mm  
creepage distances: 215 mm  
speed: 80 km/h  
operating voltage: 3000 V DC  
shortcircuit current: 6000 A  
arcing horn distance: 60 mm

## Comments

The section insulator can be used on both sides.  
We recommend driving in the direction of the

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opening runners.

For grooved contact wires with cross-section  
100-150mm<sup>2</sup>

AC design as per EN 50149, groove notch width  
5.6mm

BF design as per EN 50149, groove notch width  
6.92mm