

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 mm²
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
100-150mm²

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

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