

TRAMWAY SECTION INSULATOR



-30 %
REDUCTION IN
INSTALLATION COST
SHORT
LENGTH

KUSEC 1.5 kV DC

This innovative section insulator has been **newly developed by Kummler+Matter**. The runners consist entirely of copper contact wire. Thanks to **this new design**, the section insulator stays flat throughout the full length. This allows the pantograph to travel

smoothly across the entire length of the component. **Maintenance intervals can be extended significantly** by using elevated, non-traversed insulators. The anchor clamp – an additional development by Kummler+Matter – **makes it very**

simple to install the complete section insulator and adjust its height. With its short overall length, the section insulator can be installed at almost any desired location in the contact line.

TRAMWAY SECTION INSULATOR 1.5 kV DC

Article-No. B1574-01 - For contact wire AC acc. EN 50149 for suspension KUSYS

Article-No. B1574-02 - For contact wire AC acc. EN 50149 for individual suspension

Article-No. B1574-03 - For contact wire BC acc. EN 50149 for suspension KUSYS

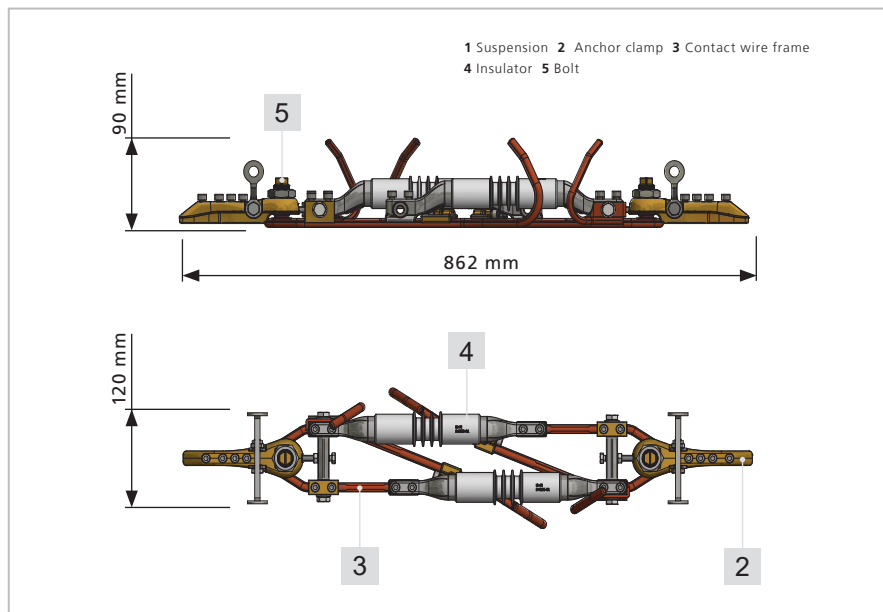
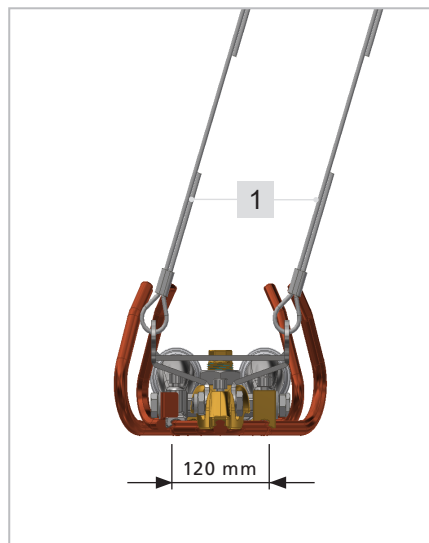
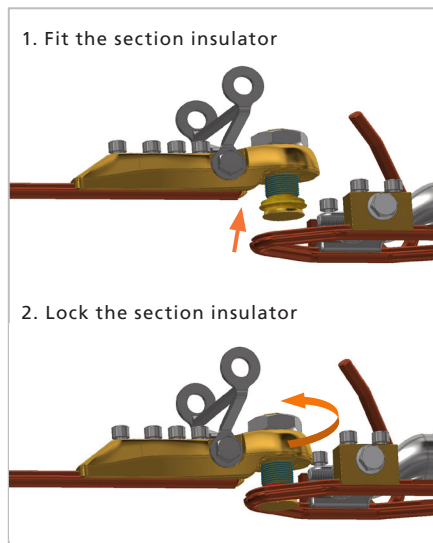
Article-No. B1574-04 - For contact wire BC acc. EN 50149 for individual suspension

FAST INSTALLATION ON SITE

In case of a product change, the entire section insulator can be exchanged in next to no time thanks to the patented anchor clamps with their unique installation system.

SIMPLE HEIGHT ADJUSTMENT

With the help of hanger wires (1), it is very easy to adapt the KUSEC 1.5 kV DC to the on-site conditions, and to install and adjust it.



YOUR ADVANTAGES AT A GLANCE

- ✓ -30% Reduction in installation cost
- ✓ Short overall length of 862 mm

- ✓ Application for fixed and auto-tensioned systems
- ✓ Fast changeover thanks to patented anchor clamps
- ✓ Bi-directional use
- ✓ Re-usable anchor clamps
- ✓ Non-traversed insulators

SPECIFICATIONS

- ✓ Weight: 9 kg
- ✓ Operating voltage: up to 1.5 kV DC
- ✓ Arc extinguishing capacity: 1.5 kV DC / 1500 A / 2 seconds
- ✓ Short-circuit resistance: 10 kA / 500 ms
- ✓ Contact wire cross-section: 100–150 mm²
- ✓ Designed for nominal forces of up to 15 kN
- ✓ Breaking load: Min. 53 kN

TEST AND STANDARDS

- ✓ EN 50119, IEC 60913

PATENT PENDING

- ✓ Patent no. PCT/EP2018/068607

Kummler+Matter Ltd.
Rietstrasse 14
8108 Dällikon
Switzerland

+41 44 247 47 47
info@kummlermatter.ch
kummlermatter.ch



FOR YOUR OVERHEAD CONTACT LINES