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.

Kummler+Matter

TRAMWAY SECTION INSULATOR 1,5 kV DC

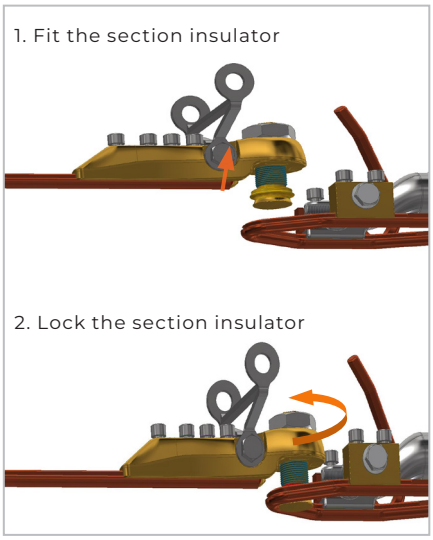
Article no. B1574-01 - Complete with anchor clamps
Article no. B1599-01 - Centre piece with bolt
Suspension: On request

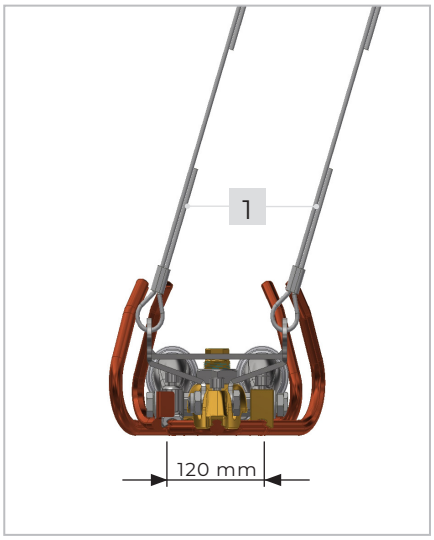
FAST INSTALLATION ON SITE

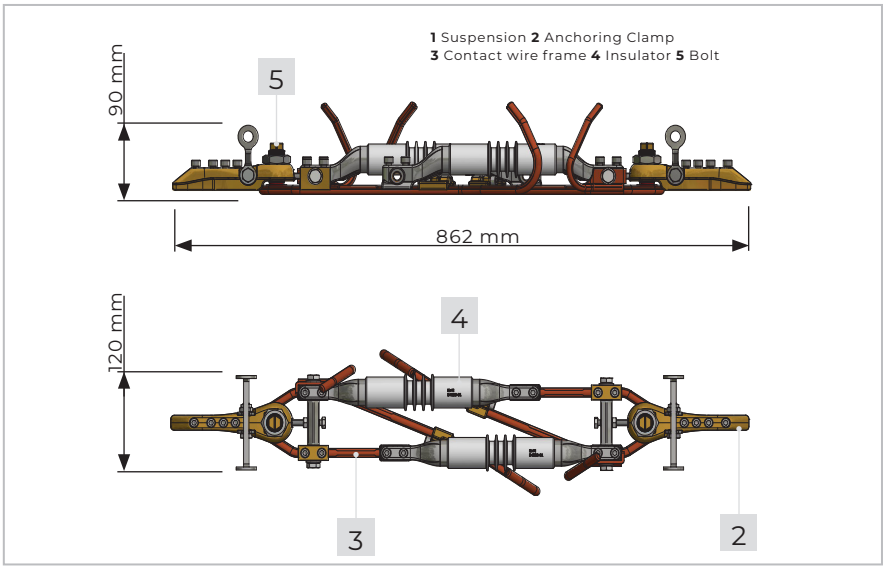
In case of a product change, the entire section insulator can be exchanged in next to no time thanks to the patented anchor clamps with their unique installation system.

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-sectional area: 100–150 mm²
- Designed for nominal forces of up to 15 kN
- Breaking load: Min. 49 kN

TESTS AND STANDARDS

- EN 50119, IEC 60913

PATENT PENDING

- Patent Nr. PCT/EP2018/068607

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