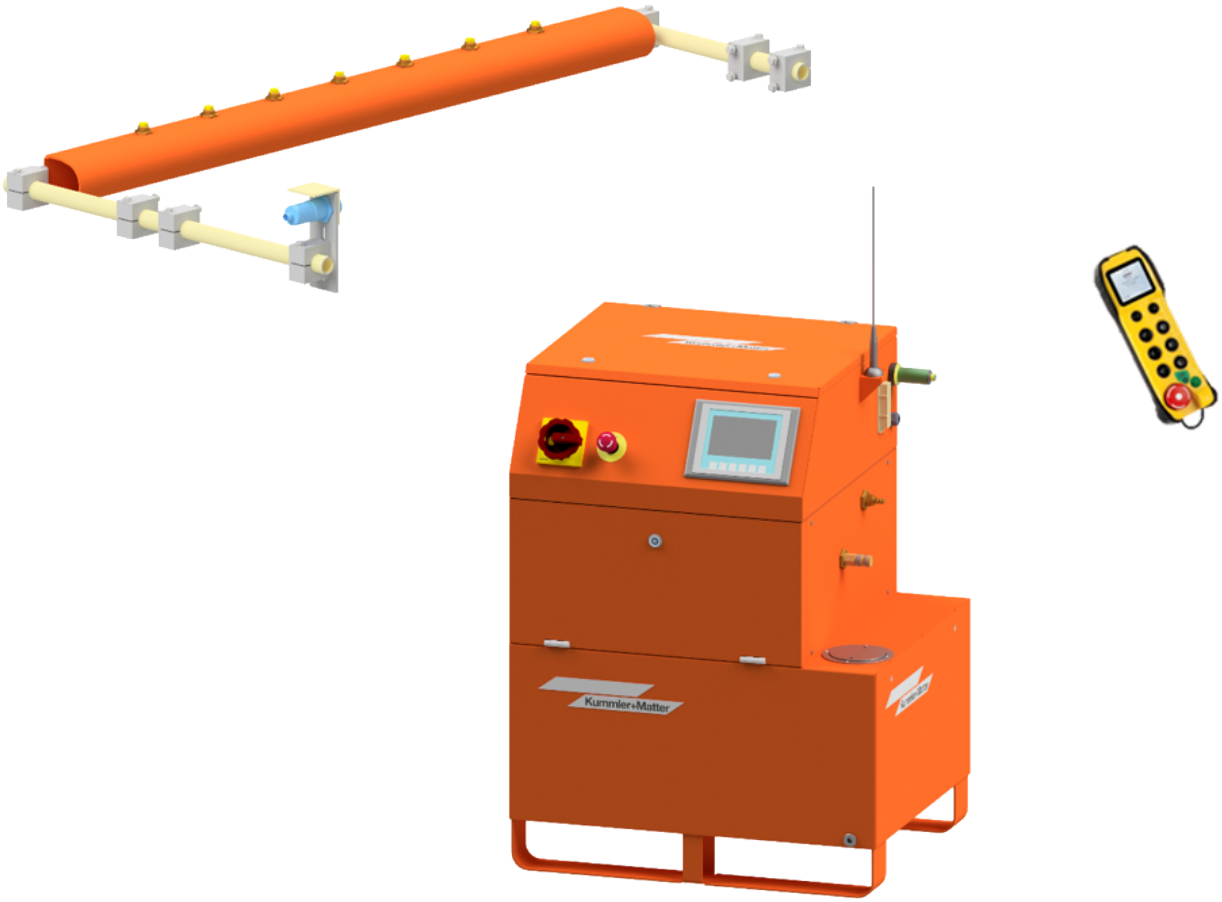
Contact wire de-icing system KUPRO (US/CA version)

Item number B1588-02



Dimensions

- Pump- and control unit: 750 mm x 600 mm x 1000 mm (W x D x H)
- Spray bar: 1100 mm x 75 mm x 75 mm (W x D x H)

Material and weight

- Total weight (empty): 170 kg

Applicable standards

- Maschinenrichtlinie 2006/42/EG
- EN 50124-1:2001
- IEC 60060-1
- UL 508A

Function

Cold temperatures and humidity can freeze overhead contact wires in winter. Icing up of overhead contact wires is a serious problem in the winter months because the formation of ice on the overhead wires can reduce the power consumption of the vehicle or even prevent it. The consequences are electric arcs, wear and tear of the contact elements and even interruptions to the service. The resulting loss in service can lead to significant costs for the transport companies.

In order to ensure a smooth operation, it is better

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to treat the overhead contact wires in advance with an anti-freeze medium as a preventive measure. As with the impregnation of aircraft, this technique can also be used on railways and prevent the overhead contact wires from icing up.

Specification

- Approved for contact wire voltages up to 3 kV
- The use is intended as a preventive measure, but also helps to dissolve ice after an icing
- The antifreeze used is environmentally friendly
- The effects of the de-icing treatment last at least for 5-7 days in dry weather
- Ideal for use at temperatures around the dew point
- Operating speed: up to 65 km/h
- Antifreeze consumption: on average approx. 1 l/km (depending on setting and speed)
- The system operates in the low pressure range of up to 10 bar
- Control at the device and via handy radio remote control possible
- Power supply via 120V, 60Hz mains voltage or optionally via battery possible
- Individual, simple installation of the system on any maintenance vehicle
- Low, additional weight on the pantograph head
- Successfuly tried and tested throughout the entire area of application

Comments

Consists of:

- Pump and controle unit (US/CA) (B1572-02)
- Spray unit (B1575-01)
- Pressure hose line (D4332-01)

Benefits

- Contactless treatment of the overhead contact line
- No damage to the electronics caused by interrupted contact and no sparking due to frozen overhead contact wires
- Reduced wear on the carbon and overhead contact wire
- A significant reduction to the interruptions in the service
- Economical spraying function through targeted spraying of the overhead contact line
- Requires hardly any maintenance and is easy to use
- Independent operation via battery possible

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