

Medium voltage
Traction power system solutions
up to 25kV

The Quality Connection

LEONI

Medium voltage roof jumpers

Expertise in medium voltage jumper solutions up to 25kV.



Benefits for OEMs and operators

- Complete compensation of three-dimensional relative movements of the fixation points*
- High service reliability with redundant arrangement (double spiral), electrically and mechanically
- Available in various cross-sections depending on the network layout
- Secured insulation section to the bellows even in the event of a spiral tear with inherent stability
- Attachment to supports or sealing end
- Customer/application-specific connection
- Product qualification and safeguarding by means of service life testing
- LEONI experience and expertise in system design and construction

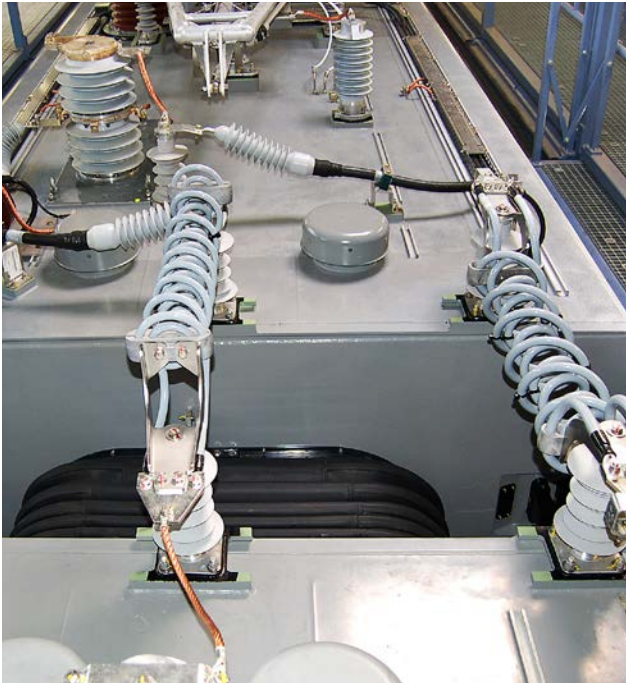
LEONI roof jumper designs include double spirals, which guarantee an optimal bending resistance and elasticity with a demanding cable design and the use of specially developed jacket and insulation materials, for even the highest mechanical, physical and chemical demands. The highly flexible cable system permanently compensates for vibrations as they arise and distance changes of up to ± 1000 mm. High hydrolysis resistance, good rebound properties at temperatures of -50°C to $+80^{\circ}\text{C}$ and high resistance to UV radiation are also provided.

The cable satisfies the standard IEC 60332-1.

* LEONI engineering (calculation, construction)

Medium voltage cables and components

Expertise in design and manufacturing of medium voltage cable and connector systems up to 25 kV.



Benefits:

- Medium voltage cables for the car roof and underfloor
- Transformer cables
- All medium voltage cables get electrical tested after the cable assembly (HV withstand test and partial discharge test)
- Fire safety standards acc. US Standard NFPA 130 and European Standard EN 45545-2
- Manufactured in a LEONI plant US
- Complete medium voltage transmission system from end to end available

LEONI is an expert in design and manufacturing of intercar roof link jumpers. In combination with roof line cables and related components we provide a complete end to end medium voltage cable system. **Made in America.**

Components



Flexible cable termination



Rigid cable termination



Roof bushing



Pluggable termination



Transformer plug and over voltage arrester



Insulators

Find out more:

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