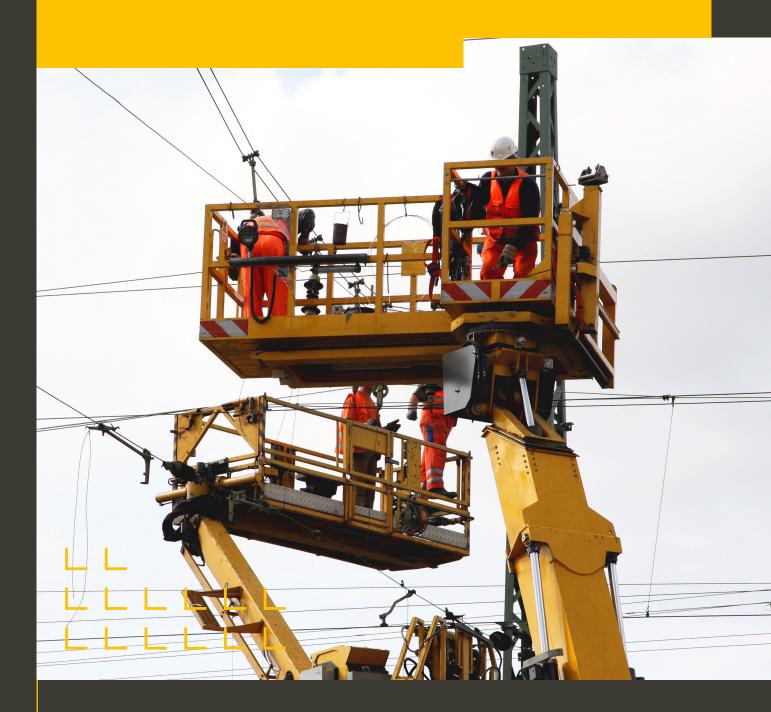
Do you also have a tingling sensation in your fingers?

Continuous monitoring of the insulation levels of maintenance vehicles for overhead lines, also during operation.





Design the future of energy



Accidents involving electricity can be prevented!

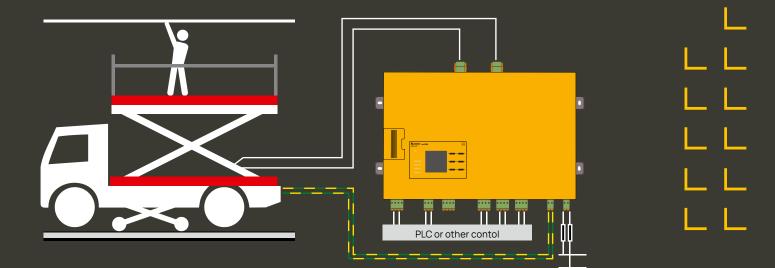
Live working at overhead lines of urban transport at voltages of up to DC 1500 Vis regarded as being particularly dangerous. For the protection of workers, maintenance vehicles for overhead lines are equipped with two insulation levels. Despite regular inspection, annual electrical insulation measurements and good maintenance, the insulators are frequently damaged and the insulation gradually deteriorates.

Pollution, ageing or damage of the insulation levels lead to the electricity becoming "perceptible" for humans and electrical accidents may happen under extreme conditions. Humidity and salt on the streets increase the risk even more.

Poor insulation results in danger to life!

By offering the isoHR1685-D, Bender makes an essential contribution to increasing safety when live working activities are carried out.

The device is installed in the vehicle where it continuously monitors the insulation level and informs the staff immediately when the value drops below certain insulation threshold values while driving to the maintenance location, before starting and while maintenance work is being carried out.Both insulation levels can be monitored.



The upper insulation level is indirectly measured via the substation.

The continuous insulation monitoring function warns when the value drops below certain insulation threshold values.



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