

Stay flexible.

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Insulated lightning protection
with the isCon[®] system



Insulated conductors are the best solution in situations where, for design or architectural reasons, separation distances cannot be adhered to.

**isCon[®] can safely master air separation distances of
0.75 m – in accordance with VDE 0185-305-3 (IEC 62305-3)**

- Universal: simple termination on the construction site
- Conforms to the standard: cross-section of 35 mm² copper
- Tested: 0.75 m separation distance and up to 150 kA lightning current (FZC II) per arrester
- Environmentally friendly: halogen-free

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High-voltage-resistant, insulated conductor

For architectural reasons, it is often not possible to maintain the required separation distance in contemporary buildings. In these cases, and in industrial plants, the high-voltage-resistant, insulated isCon[®] conductor enables compliance with IEC 62305 and offers an equivalent separation distance of 0.75 m in air and 1.5 m in solid materials.

Overview of product benefits:

- No problems with the separation distance
- Universal: Simple termination on the construction site
- Conforms to the standard: cross-section of 35 mm² copper
- Tested: By independent testing institutes
- Flame-resistant
- Weatherproof
- Up to 200 kA lightning current per conductor
- Environmentally friendly: halogen-free
- Can be used in potentially explosive areas