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isCon® ASE connection element

Patented ASE technology for simple function testing of insulated conductors

OBO Bettermann presents new connection elements for the isCon® conductors with adaptive switching element (ASE). Thanks to the patented ASE technology, a connection between the inner copper conductor and the outer semi-conductive layer of the conductor is created only if lightning strikes. This allows an insulation test according to (VDE 0185-305-3 IEC/EN 62305-3) and guarantees the safe functioning of the conductor.



Testing for proper function and electrical continuity can be carried out with the simplest insulation testers (≥ 1 kV) and guarantees maximum system availability – with no shutdown, disassembly or testing with dangerous pulse voltages required. A detailed isCon® test record can be conveniently called up via a QR code and then completed and saved or submitted.

For further information:

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The new isCon® ASE connection elements are system-tested according to VDE V 0185-561-8 (IEC TS 62561-8) and can be used for all lightning protection classes.

