

October 2022

Page 1 of 1

## 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 ( $\geq 1$  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:

Fabienne Wolf-Kunke  
Sales Marketing

OBO Bettermann Vertrieb Deutschland GmbH & Co. KG  
Langer Brauck  
58640 Iserlohn, Deutschland

Tel.: +49 2371 7899-2241  
E-Mail: [wolf-kunke.fabienne@obo.de](mailto:wolf-kunke.fabienne@obo.de)  
[www.obo.de](http://www.obo.de)

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.

