EXPLOSION PREVENTION

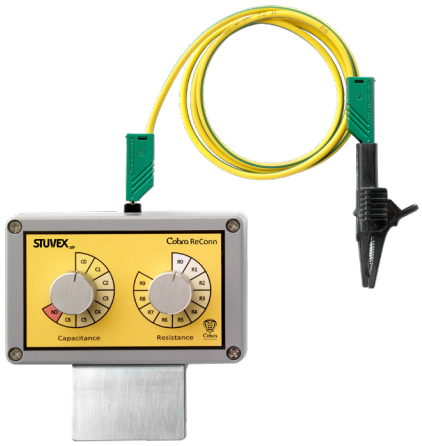
Cobra TEST DEVICE T-RECONN01

General data sheet

Scope

The Cobra ReConn01 test device is a device designed to check Cobra earthing and bonding systems for proper operation. If the system does not seem to be functioning correctly, this device can help find the problem.

The Cobra earthing systems carry out resistive and capacitive measurements to guarantee a good earthing of the desired object. Every earthing device has different criteria for achieving this. That is why one test device has been developed to test this extensive range of systems.



Benefits

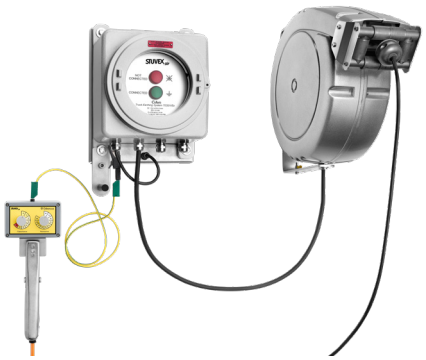
Specially developed for testing the Cobra earthing systems, the ReConn01 offers the following advantages:

- A measuring point for connecting earth clamps
- Test cable with crocodile clip for good earth connection
- Resistance measurement selection switch
- Capacitance measurement selection switch
- Suitable for use in ATEX environment



Operation

The measuring point of the ReConn01 consists of 2 electrically conductive parts that are separated from each other by an insulator. When the clamp of the Cobra system is connected to this point, the entire system will be checked for proper functioning, both resistive and capacitive (in case of Cobra TES01 earthing system for trucks).



The ReConn01 test device is equipped with one rotary switch for capacitance selection and one for resistance selection. By turning these selection knobs from the lowest position to the extreme position, the set limit values of the Cobra earthing control units can be checked.

The ReConn01 is a passive device that does not generate voltage or store energy without connecting a earthing clamp. It is therefore suitable for use in an ATEX environment.

Read the manual of this tester and of the earthing system carefully for a correct interpretation of the results obtained.

Cobra GROUNDING SYSTEMS

Cobra TEST DEVICE T-RECONN01

Technical data sheet

Application and operation

Checking all Cobra earthing and bonding systems for proper functioning.

The measuring point of the ReConn01 consist of 2 electrically conductive parts that are seperated from each other by an insulator. When the clamp of the Cobra system is connected to this point, the entire system will be checked for proper functioning, both resistive and capacitive (in case of Cobra TES01 earthing system for trucks).

General characteristics

ATEX / IECEX	“Simple apparatus”, suitable for use in zones 1, 2, 21 and 22
Power supply	No internal power supply, DC supply from Safe-Ground control unit
Internal capacity, Ci	680 nF
Internal inductance, Li	0 H
Operating temperature	-15°C to +70°C
Humidity	95% relative humidity at 20°C, non-condensing
Material	Aluminum, coated silver-gray (RAL 7001)
Dimensions	125 x 129 x 72 mm
Weight	0,725 kg

Parts and ordering information

Article reference	Description
503-0200-100	CBR/T-**RECONN01-V1** test device, including test cable with crocodile clip
503-0200-190	CBR/T-**RECONN01-WC** test cable with crocodile clip
503-0200-199	CBR/T-**RECONN01-ETUI** carrying bag

Cobra

GROUNDING SYSTEMS



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