# Protective earth wiring

## FB-SLV-MAxx09

Item 113130





- PE wiring and shock-proof protection
- Assembly kit for independent, on-site assembly
- Suitable for single-stage and dual-stage contacting
- Includes detailed installation instructions for professional installation
- Includes proposed measurement protocol to record the measured values
- Cable cross-section: inner cables 1.5 mm<sup>2</sup>, outer cables 4.0

#### **Application**

The FB-ESD-S-MAxxxx functional module is used to equip the MA xxxx manual test fixtures with protective earth wiring and shock-proof

For tests with hazardous voltages (>25 VAC and >60 VDC), the test fixture must be equipped with protective equipotential bonding in accordance with DIN EN 60204-1 and fulfil protection class IP3x in accordance with DIN EN 60529. The functional module includes the protective earth wiring to all relevant parts and a measurement of the protective earth resistance at specified points (limit 0.3 Ohm)..

#### **Delivery**

The functional unit must be assembled upon delivery using the detailed installation instructions enclosed. A template for a measurement report for measurements to determine the ESD discharge value which are compliant with the latest standards is also provided.

Refer to installation instructions 112502 to correctly install the

### **General data**

Functional units Product group: Series: FB-MAxxxx PE wiring and shock-proof protection Type: Version: PE wiring assembly kit MA xx09 Additional function Accessory type: Cable set with shock-proof protection Scope of delivery: Weiaht: 0.36 kg [.793 lbs] 10 °C [50 °F] Min. temperature: 60 °C [140 °F] Max. temperature: RoHS-compliant:



#### Note:

1,500 VDC

Please refer to the technical manual for manual test fixtures

#### Note:

The work may only be carried out by specifically trained, qualified personnel. In addition, the country-specific regulations for operation with hazardous electrical voltage must be obserthe instructions in the documentation provided or failure to operate the test fixture or in a suitable test environment.

### Compatible with

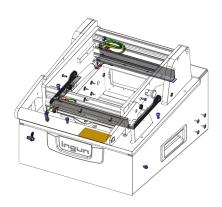
Manual test fixtures (MA): For dual-stage contacting: MA xx09 Yes

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#### **Accessories**

Part no.	Designation	Version
Safety switch		
36210	FB-SIS-ZSO-MA2xxx	Safety switch with interlock NO - normally open
46020	FB-SIS-ZSG-MA2xxx	Safety switch with interlock NC - normally closed
42066	FB-SIS-MA2xxx	Safety switch without interlock
41560	FB-SIS-BM-MAxx09/11/13T	Safety switch magnetic
Actuator safety switch		
100414	FB-BTV-ATSMA09	Actuator for safety switch with/without interlock at single-stage customisation
103273	FB-BT2-ATSMA09	Actuator for safety switch with/without interlock at dual-stage customisation
41552	FB-BTM-ATSMAxx	Actuator for safety switch magnetic

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