Measuring Device **IsoGuard**



Insulation measuring device for monitoring the insulation resistance of individual devices or device combinations

- ☑ audible indication when the limit value is exceeded
- ☑ visual indication when the limit value is exceeded
- ☑ operating indicator light
- ☑ test bottom function check

S.P.L. Elektronik

Mess- und Prüftechnik
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Forstweg 1, 14656 Brieselang, Deutschland

Management System ISO 9001:2015
TÜVRheinland ZERTIFIZIERT
www.tuv.com ID 0910095181

Technical Data

The IsoGuard was developed in accordance to specifications of DIN VDE 0107 for the limit monitoring of insulation resistance:
- internal resistance > 100 kOhm
- switching threshold > 50 kOhm
- green working indicating lamp
- yellow indicating lamp to signalize overrange of limit value
- acoustic signalling of overrange of limit value
- test key for functional test

Technical data:
- nominal voltage 230 V
- frequency 50/60 Hz
- nominal power 0,5 VA
- protection class IP20

Description of function:

By its practical plug housing, the IsoGuard can be integrated very easy and problem-free into an existing installation. For instance, it can be used for the monitoring of video towers in operating rooms, if these are attached for protection to an additional insulating transformer. These video towers can be completed by setting the IsoGuard parallel into an existing earthing contact switch board.

Warning:

The IsoGuard may not be used parallel to a second insulation monitoring of IT systems.

The equipment should be protected against humidity and wetness.

(Technical modifications and errors reserved. 10/2026)

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