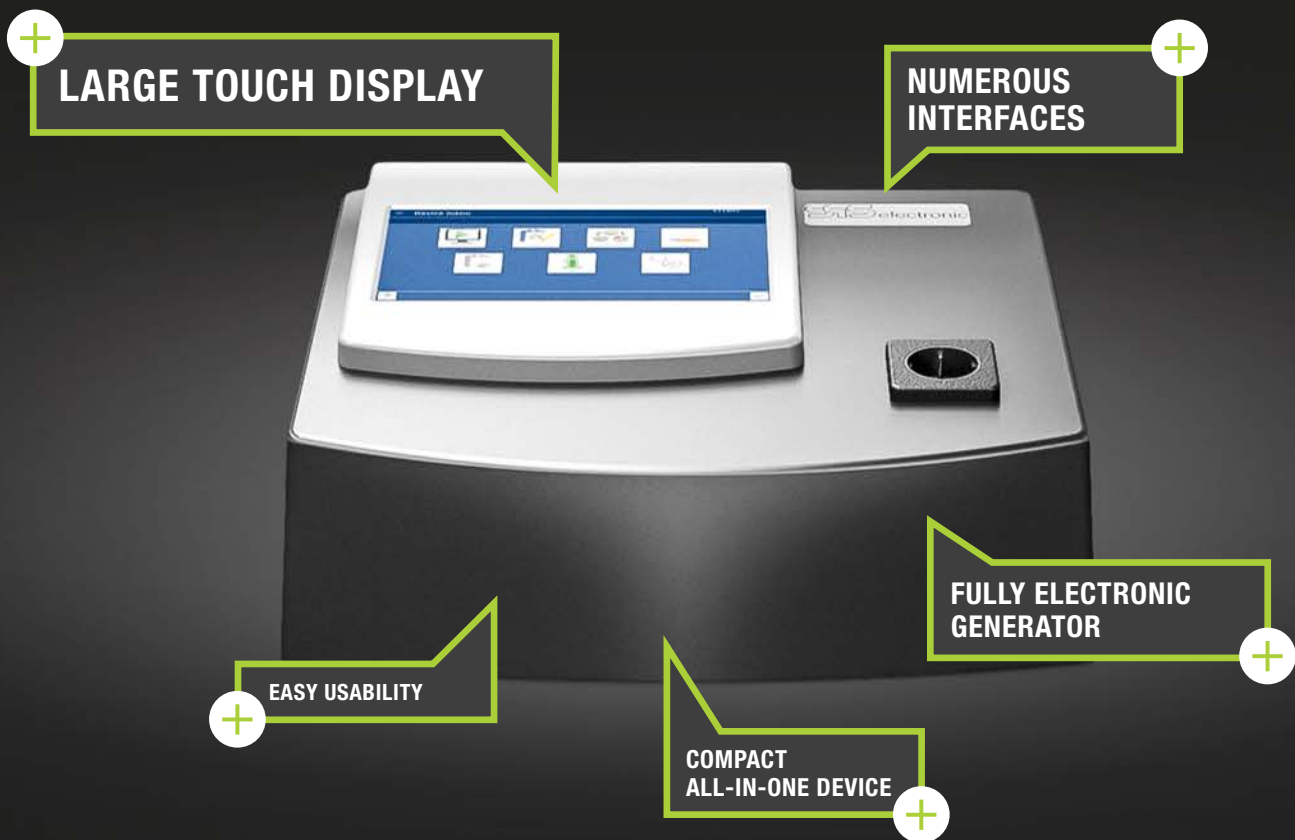


# Datasheet - Safety Tester **LG 1805B**



# Safety Tester **LG 1805B** -

## Technical Data

### Dimensions

Width x depth x height	ca. 440 x 380 x 240 mm
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### Connection data

Wide Range	90-250 V / 50-60 Hz
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## 18-in-1 Tests

### Continuity test

Test voltage	24 V DC
Limit value	Free programmable from 0 up to 600 mA DC

### Short circuit test

Test voltage	24 V DC
Limit value	> 600 mA DC (typisch ~650 mA)

### Resistance measurement – optional

Test voltage	24 V DC
Limit value	free programmable from 1 up to 1000 $\Omega$

### Protective earth test

Test current	programmable from 10 up to 30 A AC
Limit values	free programmable from 0 up to 1100 m $\Omega$

### Insulation resistance test

Test voltage	free programmable from 100 up to 6000 V DC
Short circuit current	$\leq$ 12 mA DC, safety current limited acc. to EN 50191
Limit values	free programmable from 0,25 M $\Omega$ up to 10 G $\Omega$

# Safety Tester **LG 1805B** -

## Technical Data

### AC high voltage test

Test voltage	free programmable from 100 up to 5500 V AC 50/60Hz
Short circuit current	$\leq 3$ mA, safety current limited acc. to EN 50191
Limit values	free programmable from 0 up to 3 mA

### DC high voltage test

Test voltage	free programmable from 100 up to 6000 V DC
Short circuit current	$\leq 12$ mA, safety current limited acc. to EN 50191
Limit values	free programmable from 0 up to 4 mA

### ARC Detection

Limit values	Area 0 - 100%
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### AC current measurement

Limit values	0 - 16 A
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### DC current measurement

Limit values	0 - 16 A
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### AC voltage measurement

Limit values	0 - 270 V AC
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### DC voltage measurement

Limit values	0 - 300 V DC
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### Real power measurement

Limit values	0 - 4000 W
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# Safety Tester **LG 1805B** -

## Technical Data

### Reactive power measurement

Limit values	0 - 4000 var
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### Apparent power measurement

Limit values	0 - 4000 VA
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### Power factor measurement

Limit values	-1 bis +1
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### Leakage current test acc. to EN60990 / picture 4

Test voltage	Free programmable from 0 up to 270 V AC (potential free)
Short circuit current	$\leq 10$ mA AC
Limit values	0 - 10 mA AC

### Text visual step

Text visual step	free configurable text
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### Picture visual step

Picture visual step	free selectable picture
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### Barcode & Comment step

Input	free editable input line
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### Read input step

Inputs 1 - 8	input voltage: 24V DC
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### Set output step

Outputs 1 - 8	output voltage: +24V
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# Safety Tester **LG 1805B** - Technical Data

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## Read analog input step

Limit values	input voltage: 0 - 10V AC
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## Set analog output step

Limit values	output voltage: 0 - 10V AC
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# Safety Tester **LG 1805B** - Features

- 10.1" TFT colour display 1024x600 pixels
- Operation with capacitive touch
- USB 2.0 interface
- Ethernet 10/100 MBit
- 1GHz 32bit Dual-Core CPU + GPU with 512MByte RAM
- 1GB internal storage
- External CAN interface
- RS232 serial interface
- Optional HDMI

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