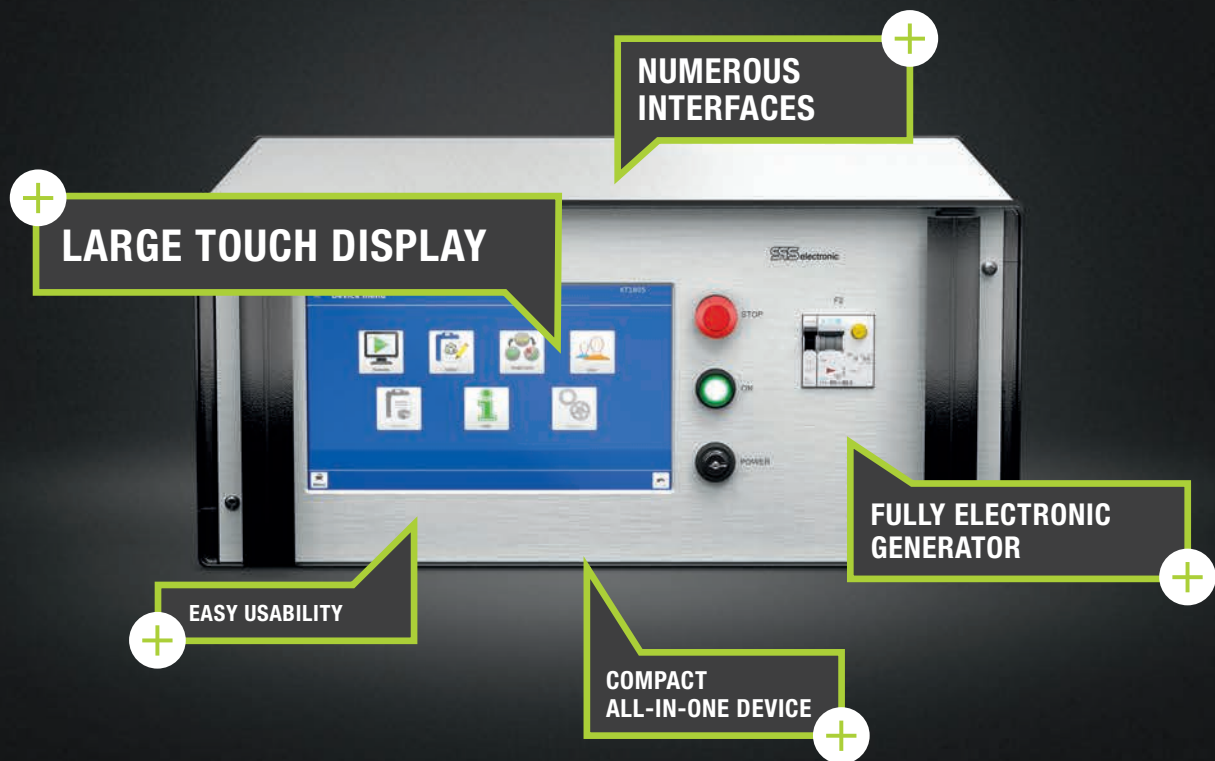


Datasheet - Safety Tester **KT 1885B**



Safety Tester **KT 1885B** -

Technical Data

Dimensions

Width x depth x height	ca. 490 x 460x 222 mm (19" / 5HE)
------------------------	-----------------------------------

Connection data

Wide Range	90-250 V / 50-60 Hz
------------	---------------------

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 Ω

Protective earth test

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

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 Ω up to 10 G Ω

Safety Tester **KT 1885B** -

Technical Data

AC high voltage test

Test voltage	free programmable from 100 up to 5500 V AC 50/60Hz
Short circuit current	≤ 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	≤ 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%
--------------	---------------

AC current measurement

Limit values	0 - 16 A
--------------	----------

DC current measurement

Limit values	0 - 16 A
--------------	----------

AC voltage measurement

Limit values	0 - 270 V AC
--------------	--------------

DC voltage measurement

Limit values	0 - 300 V DC
--------------	--------------

Real power measurement

Limit values	0 - 4000 W
--------------	------------

Safety Tester **KT 1885B** -

Technical Data

Reactive power measurement

Limit values	0 - 4000 var
--------------	--------------

Apparent power measurement

Limit values	0 - 4000 VA
--------------	-------------

Power factor measurement

Limit values	-1 bis +1
--------------	-----------

Leakage current test acc. to EN60990 / picture 4

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

Text visual step

Text visual step	free configurable text
------------------	------------------------

Picture visual step

Picture visual step	free selectable picture
---------------------	-------------------------

Barcode & Comment step

Input	free editable input line
-------	--------------------------

Read input step

Inputs 1 - 8	input voltage: 24V DC
--------------	-----------------------

Set output step

Outputs 1 - 8	output voltage: +24V
---------------	----------------------

Safety Tester **KT 1885B** - Technical Data

Read analog input step

Limit values	input voltage: 0 - 10V AC
--------------	---------------------------

Set analog output step

Limit values	output voltage: 0 - 10V AC
--------------	----------------------------

Safety Tester **KT 1885B** - 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

SPS electronic GmbH
Blätterröcker 18
74523 Schwäbisch Hall | Germany
Tel. +49 7907 878-0
Fax +49 7907 878-99
info@spselectronic.com
www.spselectronic.com

Service-Hotline
Tel. +49 5936 91815-27
Fax +49 5936 91815-99
service@spselectronic.com

SPSelectronic
TRUE GERMAN QUALITY



For those who want even more: Visit our **web special**.

Find out in our interactive web special all advantages and important details on our new All-in-One Electrical Safety Compliance Analyzers KT 1885B and LG 1805B – for example, all the relevant technical data.

Visit: www.serie1805.spselectronic.com

GERMAN QUALITY 
HIGHTECH + SERVICE + DEVELOPMENT

We from SPS electronic are more than just the technophile experts for electrical test devices from Germany. For due to our experience, conviction and method of operation we have managed to develop a unique product and service level. In short, you have more of a benefit from cooperating with SPS electronic: more know-how, more advice, more competence. Even more than you would expect from the German – and that in each area.