SPS electronic

LCRZ Meter Series DU 6000/Low Ohm Meter Series DU 5000

DU 5000



DU 6000



- conform to CE, acc. to EN 50 191
- large LC-display
- auto ranging function
- auto parameter selection
- high accuracy 0,1%
- zeroing calibration function
- high measuring rate 75 ms
- printer and remote control interfaces
- 100 programmes



QUALITY MANAGEMENT
Certificate
Voluntary participation in regular monitoring according to ISO 9001

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LCRZ-Meter Series DU 6000

	Du 6000	DU 6010	DU 6011	DU 6021	DU 6022
parameter	L, C, R, Z, Q, D, ESR, Ø				
test voltage	100 mV~0,5 V	100 mV~1,25 V	100 mV~1,25 V	10 mV~2,55 V	10 mV~2,55 V
frequencies	100 Hz, 120 Hz, 1 kHz	100 Hz, 120 Hz, 1 kHz	100 Hz, 120 Hz, 1 kHz, 10 kHz	40 Hz~200 kHz, 30 fixed frequencies	40 Hz~200 Hz, programmable
measurement range	L: 0,1 µH~1999,9 H Q: 0,01~1999,9	C: 0,1 pF~199,99 mF D: 0,0001~19,999	R: 0,1 mOhm~19,999 MOhm ESR: 0,1 mOhm~19,999 MOhm	Z: 0,1 mOhm~199,99 MOhm Ø: -180° ~ +180°	
measurement accuracy	± 0,1% for basic range				
measurement rate	slow: 3,5 pcs/s, fast: 7,5 pcs/s			slow: 400 ms, fast: 75 ms	
functions	auto parameter selection, auto ranging, zeroing calibration				
power supply	115/230 V ± 10%, 50/60 Hz				
dimensions	W x H x D = 360 x 110 x 350 mm³				

Mikro-Ohm-Meter Serie DU 5000

	DU 5010	DU 5011
measurement range	200 mOhm~200 kOhm, 7 ranges	20 mOhm~2 MOhm, 9 ranges
resolution	10 µOhm~10 Ohm, for 7 ranges	1 µOhm~100 Ohm, for 9 ranges
measurement accuracy	1 ± (0,1 % of reading + 5 digits)	
temperature coefficient	± (0,01 % + 0,5 digits)/ °C	
source current	1 µA–1,0 A DC	
open ciruit voltage	below 1,0 V–4,0 V	
measurement rate	slow: 400 ms, fast: 200 ms	
functions	auto ranging, zeroing calibration	
power supply	115/230 V ± 10%, 50/60 Hz	
dimensions	W x H x D = 360 x 110 x 350 mm³	

Special features:

- conform to CE, in accordance with EN 50 191
- 100 programmes
- LC-Display 240 x 64, 4 1/2 digits
- 4-wire technique
- internal and external trigger mode
- automatic or manual ranging

Accessories:

- test clips with 4-wire-technique
- test clips for SMD
- test Box

Options/Optional:

- rack mounting 19"/4 HU
- window comparator for hig and low settings
- BIN sorting function
- deviation compensation function
- analysis graph
- PC remote control interface
- IEEE-Interface
- PLC remote control interface
- printer interface
- 100 programmes

Art.-Nr. 38-0501.E subject to technical change