

AUTOMATED CALIBRATION SERVICES

UNIT 12, ACCESS 18 KINGS WESTON LANE BRISTOL, BS11 8HT

Tel: 0117 938 6401 Fax: 0117 923 5374

Certificate No.

0262538

Certificate of Calibration

Date of Issue: 14-06-2023

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Job No: *9004/CEF VOUCHER 23

Client: RIS SVS

c/o CITY ELECTRICAL FACTORS LTD

20 HARVEST DRIVE SOUTH LOWESTOFT IND. EST.

LOWESTOFT SUFFOLK **NR33 7NJ**

Description: Digital Multifunction Tester

Manufacturer: Kewtech

Type: KT63DL

Serial No: **B040730**

Date of Calibration: 14-06-2023

Pre-cal Status:

Test Conditions

The ambient tempertaure throughout the period of test was 20 ± 2 °C and the relative humidity 50% ± 10% rh.

The instrument was calibrated using Laboratory Standards traceable to BS EN ISO/IEC 17025 Standards.

The calibration and procedures used are proven to meet the requirements of ISO 9001:2015.

All results recorded were found to meet the manufacturer's published specification

No Adjustments were made and unit is functioning correctly at time of calibration

Standards Used: Transmille 3200 - Fluke 5520A

Calibrated by: James Breen

Certified by: lan Park

The reported uncertainty is based on standard uncertainty multiplied by a covering factor k=2, providing a level of confidence of approximately 95%

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Range	Applied Value	Indication	Indication		
Ω	1.00 Ω	1.00	Ω	0.5% + 1 digit	
	10.00 Ω	10.01	Ω	н	
	1.00 kΩ (1000 Ω)	999.50	Ω	н	
250V ΜΩ	0.10 ΜΩ	0.10	МΩ	п	
	90.00 ΜΩ	89.74	MΩ	п	
500V MΩ	0.10 ΜΩ	0.10	МΩ	п	
	90.00 MΩ	89.81	МΩ	п	
1000V MΩ	0.10 ΜΩ	0.10	МΩ	п	
	90.00 MΩ	89.76	МΩ	п	
		AS 82,55			
HI Loop	1.01 Ω	1.06	Ω	1% + 0.05Ω	

		. 		10.01	22	
	179.8	Ω	ectly at	179.70	Ω	п
						п
No Trip Loop	1.01	Ω		1.05	Ω	п
	18.75	Ω		18.79	Ω	n e
	179.8	Ω		180.10	Ω	II.
			128.0			u
50	1		1			

Insulation Output Voltages

250V into 0.25MΩ 258 ٧

18.75

Ω

500V into 0.50 MΩ 521 V

1000V into 1.00MΩ 1040

Uncertainty Of Output Voltages ± 2V

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Range	Applied Value	Indication)	Uncertainty
		Versi 2		2.5%
X1 @ 0°	10mA	10.54	mA	n
	20mA	np.N/A	mA	и
	30mA	31.78	mA	п
	100mA	104.1	mA	п
	300mA	310.7	mA	п
	500mA	520.5	mA	п
X5 @ 0°	30mA	159.3	mA	п
X1 @ 180°	30mA	31.79	mA	п
TRIP TIMES X1 @ 0°	30mA @ 200 m	s 200.4	ms	2ms + 1 lsd
X1 @180°	30mA @ 200 m	s 200.4	ms	п
X5 @ 0°	30mA @ 30 m		ms	п

341,7

521

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INKLOT

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