

TH2685/TH2686 Electrolytic Capacitor Leakage Current Meter

Features

- Intelligent and MPU control
- Dual digital display of voltage and current
- Minimum resolution of current: 1nA
- Key-pressing correction
- Lock function of measurement current value
- Strong interference rejection ability



TH2685



TH2686

Brief Introduction

TH2685 / TH2686 electrolytic capacitor leakage current meter is a measurement instrument automatically measuring parameters of electrolytic capacitor leakage current with the base of MPU technology. It offers continuous-adjustment measurement voltage, digital display (3-digit for voltage and 3 1/2-digit for current) automatic conversion of charge and measurement, max. voltage of 200V for TH2685, 500V for TH2686, max. current of 20mA, max. charge current of 200mA, and max. charge time of 99.9 seconds. With the features of current's over-limit indication, high measurement speed, easy operation, safety and reliability, the meter is suitable for electrolytic capacitor's incoming inspection and quality control on production line.

General Specifications

Operating temperature & humidity		0°C - 40°C, ≤90%RH
Power supply	Voltage	198V - 242V
	Frequency	47.5Hz - 63Hz
Power consumption		≤ 50VA
Dimensions (W×H×D)		350mm×135mm×357mm
Weight		Approx. 4.7kg

Specifications

	TH2685	TH2686
Measurement function		
Control mode	MPU	
Range mode	Denary change with set current range	
Voltage mode	Charge, measurement, discharge Displayed current can be locked through the key.	
Trigger mode	Automatic trigger and charge for capacitance that hasn't been charged.	
Calibration mode	Open correction	
Measurement terminal	3-terminal	
Display	LED display (voltage: 3-digit, current: 3 1/2-digit)	
Measurement voltage		
Measurement voltage	0 - 75V	0 - 200V
Voltage accuracy	±1% of set value ± 1 digit	
Measurement current		
Measurement current range	10nA - 19.99mA, resolution: 1nA	
Current accuracy	±2% of reading ± 2 digits	
Max. charge current	200 (1±20%)mA	
Charge time		
Charge time range	0 - 99.9 seconds	
Time accuracy	2% of set value ±0.5 second	
Comparator		
Current comparison limit	0 - 99×10 ⁹ (nA)	
Comparator	PASS/FAIL, with beeper alarm	

Ordering Information

TH2685 Electrolytic Capacitor Leakage Current Meter
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Instrument Accessories

TH26003 2-terminal test fixture
TH26004B 2-terminal test fixture

Options

TH26015 leakage group test fixture

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