

TH2685C/TH2686C/TH2687C/TH2688C Electrolytic Capacitor Leakage Current Meter

Features

- General instrument used on production line
- Digital display for voltage and charge time
- Direct current indication mode
- Charge time counted down
- Easy operation and reliable performance



TH2685C



TH2686C



TH2687C



TH2688C

Brief Introduction

- TH2685C/TH2686C/TH2687C/TH2688C electrolytic leakage current meter is a measurement instrument automatically measuring electrolytic capacitor leakage current with continuously adjustable voltage, digital display of voltage and charge time, analog meter indication of current, and automatic conversion of charge and measurement. TH2687C has ultrahigh voltage (650V), and TH2688C has large current (max. charge current of 400mA). With current's over-limit indication, high measurement speed, easy operation, safety and reliability, the meter is suitable for incoming inspection and quality control.

Specifications

Measurement function		
Control mode	Analog & digital circuit control	
Range mode	Key switch	
Voltage mode	charge, test, discharge	
Trigger mode	Automatic trigger and charge for capacitance that hasn't been charged	
Terminal configuration	2-terminal	
Display	Current: hand indication, 100μA current meter Voltage: 3 1/2-digit LED display Time: 2-digit LED display	
Measurement voltage		
Measurement voltage	TH2685C	0—50V, 0—200V (random)
	TH2686C	0—200V, 0—500V (random)
	TH2687C	0—200V, 0—650V (random)
	TH2688C	0—25V, 0—75V (random)
Voltage accuracy	±2% of set value ± 2 digits	
Measurement current		
Current range	0-30mA, total 11 pins 0-0.3uA, 0.2uA-1uA, 1uA-3uA, 2uA-10uA, 10uA-30uA, 20uA-100uA, 0.1mA-0.3mA, 0.2mA-1mA, 1mA-3mA, 2mA-10mA, 10mA-30mA	
Current accuracy	±2% ±0.5 division	
Max. charge current	TH2688C	400 (1±20%)mA
	Others	200 (1±20%)mA
Charge time		
Charge time range	0—99 seconds	
Time accuracy	2%×Tset ± 0.5second	
Comparator		
Current comparison limit	Randomly set in meter range	
Comparator	Pass/Fail, Fail with sound alarm	

General Specifications

Operating temperature & humidity	0°C—40°C, ≤90%RH	
Power supply	Voltage	198V—242V
	Frequency	47.5Hz—63Hz
Power consumption	≤ 50 VA	
Dimensions (W×H×D)	350mm×135mm×277mm	
Weight	Approx. 4.2kg	

Ordering Information

- TH2685C Electrolytic Capacitor Leakage Current Meter
- TH2686C Electrolytic Capacitor Leakage Current Meter
- TH2687C Electrolytic Capacitor Leakage Current Meter
- TH2688C Electrolytic Capacitor Leakage Current Meter

Instrument Accessories

- TH26003 2-terminal test fixture
- TH26004C 2-terminal test cable

Options

- TH26015 electrolytic capacitor leakage current group test fixture

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