

DC RESISTANCE TESTER

CKT3544 SERIES DC RESISTANCE TESTER

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INTERFACE:

- EXTERNAL IO
- LAN
- RS232/485

BRIEF INTRODUCTION

Basic accuracy of CKT3544 series DC resistance tester is 0.02%, minimum resolution is $0.1\mu\Omega$, maximum test current is 1A, and the measurable range is $0.1\mu\Omega \sim 3.3M\Omega$. The test current is increased by the probe used to protect the port to achieve anti-interference measurement. Use the comparison judgment lamp (option) and the judgment sound of a large volume to accurately judge whether it is qualified or not at the production site. With EXT I/O interface suitable for NPN/PNP, it can be used in various automatic production lines.

STANDARD ACCESSORIES



Test leads



Temperature probe



RS232 communication cable



Handler interface connector



AC power cord



Test leads (for multi-channel only)

FEATURES:

- Compact structure
- Anti interference design
- Fast and high precision test, rich interface
- 300mA current test ($300m\Omega$)

SPECIFICATION:

SPECIFICATIONS			
Model	CKT3544	CKT3544-12H	CKT3544-24H
Number of Channel	1	12	24
Parameters	DC resistance		
Measurement Range	0.1μΩ ~ 3.3MΩ		
Min Resolution	0.1μΩ		
Signal Source	1A DC, DC: maximum 5.5 V		
Basic Accuracy	0.1%±10 reading (3mΩ,30mΩ,3MΩ),0.05%±4 reading (300kΩ), 0.02%±2 reading (other ranges)		
Range	3mΩ/30mΩ/300mΩ/3Ω/30Ω/300Ω/3kΩ/30kΩ/300kΩ/3MΩ		
Speed	Fast (50Hz: 20ms, 60Hz: 18ms), slow (200ms)		
Temperature Compensation	Range: -10°C~60°C, Accuracy: ±1°C		
Display Digits	4½ digits		
Adjustment	Short-circuit clear zero for all ranges		
Comparator	10 bins sorting, output HIGH/IN/LOW sorting signal		
Trigger	Internal trigger, External trigger, Manual trigger, BUS trigger		
Interface	External IO interface, LAN interface, RS232/485 interface		
Others	Temperature compensation function, power frequency setting, OVC (See user manual for more details)		
GENERAL FEATURES			
Power Supply	100VAC ~ 256VAC; frequency: 50~60 Hz; rated power: 10VA		
Size and Weight	325mm (L)x 215mm (W)x96.5mm (D); Weight: approx. 4kg		
ORDER ING INFORMATION			
Accessories	Test leads		
	Temperature probe		
	RS232 communication cable		
	Handler interface connector		
	AC power cord		



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