

CP301 16A/32A

110V Industrial socket testers

Technical Data



CAT II
150V

Key features

- Quick & easy testing of 110V centre tapped socket wiring
- 16A and 32A models
- Detects 7 fault conditions
- Bright LED indication of wiring status
- Clear and simple faults codes on the tester

LED Indication	Wiring status
● ● ●	Wiring correct
○ ● ●	Line 1 fault
○ ● ○	Centre tap fault
● ○ ○	Line 2 fault
○ ● ●	Centre tap at Line 1 potential
● ● ○	Centre tap at Line 2 potential
● ○ ●	Line 1 or 2 reversed with centre tap
○ ○ ○	Line 1 and 2 and centre tap fault

● LED on ○ LED off

Socket testers provide a fast and effective solution for identifying potentially unsafe installations and wiring faults and can be particularly useful as a service tool for detecting unsafe conditions prior to connecting new plant and equipment.

The Martindale CP301 Series includes both 16A and 32A industrial socket testers fitted with a 110V 16A or 32A plug to BS EN 60309 (BS 4343). The plug-in testers provide a simple solution for instantly checking socket wiring integrity on 110V centre tapped circuits in industrial and on-site installations.

Wiring faults are instantly indicated by one or more of the LEDs failing to illuminate, a failsafe approach designed to identify 7 fault conditions through the pattern of lit LEDs. There is a look up chart on the tester for quick diagnosis of common faults.

The robust ABS moulded housing gives lasting durability and is maintenance free.



Keeping You Safe

CP301 16A/32A

110V Industrial socket testers

Specifications

FUNCTION	CP301	CP301-32
ELECTRICAL		
Operating voltage	110V AC rms (55V-0-55V centre tapped only)	
Operating frequency	30-70Hz	
Power consumption	<0.9W	
Power	from socket under test	
GENERAL		
Plug type	16A, 3-pin plug to BS EN 60309 (BS 4343)	32A, 3-pin plug to BS EN 60309 (BS 4343)
Dimensions	65 x 65 x 47mm (check plug body)	
Weight	195g	
ENVIRONMENTAL		
Location	Suitable for indoor use and outdoor use in dry weather conditions only	
Temperature (Operating & Storage)	-10°C to 40°C, at max. 60% RH	
Pollution degree	2	
SAFETY		
Conforms to	BS EN 61010-1, CAT II 150V, Class II, double insulation	
EMC		
Conforms to	BS EN61326-1	

Related products

- CP201 230V 16A Industrial socket tester
- CP201-32 230V 32A Industrial socket tester

Martindale Electric Co. Ltd.
 Metrohm House, 12 Imperial Park,
 Imperial Way, Watford WD24 4PP.
 T: +44 (0)1923 441717
www.martindale-electric.co.uk
sales@martindale-electric.co.uk

Ver. E1.0

Due to policy of continuous development, Martindale Electric reserves the right to alter equipment specification and description outlined in this document without prior notice. No part of this document shall be deemed to be part of any contract for the equipment unless specifically referred to as an inclusion within such contract. © 2024 Martindale Electric Co. Ltd.