

## CT4299

### Fused Probe Body



### Product Overview

Cal Test Electronics is introducing a new Fused DMM Probe Body; the [CT4299](#) (individual colors) and [CT4300](#) (black and red pair). The fused probes easily connect to 4 mm sheathed banana plug leads, which are in turn connected to a DMM or other equipment. Their small, compact bodies feature an internal, fast acting, ceramic fuse, which can cut power in microseconds during a transient over-voltage event, thereby protecting both equipment, and more importantly, personnel working in high energy environments. The closer the fuse is to the test point the higher the level of protection.

The fused probe is rated 1000 V CAT III / 600 V CAT IV with its unique locking tip cover in place, and 1000 V CAT II with the tip cover removed. The internal 500 mA fuse is easily replaced.

With the locking tip cover in place only 4 mm of the tip is exposed thereby reducing short circuits and arc-flash risks while working in high-energy CAT III and IV environments. The locking tip covers require a tool, such as a small screwdriver, to remove.

In lower energy CAT II environments, removing the tip cover allows access to its standard Ø2 mm diameter by 19 mm length tip and attachment of Cal Test's [3900 Series](#) probe tip accessories - hook clip, standard alligator clip, spade lug, and extended tip. All greatly enhance the utility of the fused probe.



Although most modern meters provide some type of overvoltage protection, using a fused probe, such as the [CT4299](#) or [CT4300](#) pair, is a prudent investment in overall end-user safety.

Model	Features
<p><a href="#">CT4299-#</a> -0 black, -2 red Fused Probe, 500mA with Locking Tip Cover</p> <p>or</p> <p><a href="#">CT4300</a> Fused Probe, 500mA with Locking Tip Cover, B/R Pair</p>	<ul style="list-style-type: none"> <li>• Enhanced user safety for high-energy applications. Fast blow fuse will sever the connection in events such as meter failures, transient over-voltages, or arc-flash.</li> <li>• Small, compact body.</li> <li>• Rated to 1000 V CAT III / 600 V CAT IV per IEC/EN 61010-031.</li> <li>• Fast acting, high quality 500 mA ceramic fuse (maximum fuse current rating).</li> <li>• Tool-removable locking tip cover.</li> <li>• Designed to work with <a href="#">3900 Series</a> DMM tip accessories.</li> <li>• Easy fuse replacement.</li> <li>• CE listed - LVD and RoHS 2 compliant.</li> <li>• MSRP for CT4299-#: <b>\$18.50</b></li> <li>• MSRP for CT4300: <b>\$37.00</b></li> </ul>



## Product Images

Click here to download [Product Images](#)

## Product Data Sheets

Click here to download [Product User Guide](#)

## New Products Review

Listed below are the latest product releases. Click on the link below to view the product pages and review detailed product information as well as technical resources.

- [CT3800](#), Series of Magnetic Connectors
- [CT4140A](#), 4mm Inline Fuse Adapter, 1 kV CAT IV, with ID rings
- [CT2142](#), 2mm Do-It-Yourself stacking banana plug with solder wire connection
- [CT2143](#), 2 mm Plug to Plug wire for easy connections
- [CT2387](#), Spring Tip Miniature Probe with 2 mm jack
- [CT3075](#), 2 mm Safety Plug with a stud
- [CT4196](#), Active Differential Probe 60 MHz 1x/5x/10x,  $\pm 3.5$  V/ $\pm 18$  V/ $\pm 35$  V
- [CT4197](#), Active Differential Probe 100 MHz 10x/100x/1000x,  $\pm 40$  V/  $\pm 400$  V/  $\pm 4$  kV

For more information, please don't hesitate to contact us.

Best regards,

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## **About Cal Test Electronics**

Since 1995, Cal Test Electronics has been serving the electronic and electrical markets with an extensive line of quality test accessories and a commitment to total customer service. We evolved for the specific purpose of providing customers with products they need to get their tasks completed. Our mission is to provide you with both a quality product and 30 years of expert knowledge so that you can remain focused on your goal. Our job is to make your testing life easier. If you are in the electronic, electrical, maintenance or process control industries, we offer the most comprehensive lines of test accessories. With over 3,000 items in 7 product categories, there is almost no test accessory challenge Cal Test cannot meet.

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