



CT4140A
User Guide

CT4140A Fuse Adapter User Guide

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Made in Taiwan

Safety Notice and Symbols

This product is designed to IEC 61010 safety requirements

WARNING A warning statement calls attention to an operating procedure, practice, or condition, which, if not followed correctly, could result in injury or death to personnel.

CAUTION A caution statement calls attention to an operating procedure, practice, or condition, which, if not followed correctly, could result in damage to or destruction of parts or the entire product.

The following symbols may appear on the product or in its documentation:



Caution, see documentation for details



Fuse inside

Safety is compromised if instructions are not read, understood, and followed.

WARNING Never exceed the maximum interrupt current of the fuse. The fuse protects the equipment against short-circuit but not against over-currents.

WARNING Before use check fuse for continuity and good condition.

WARNING Install only specified fuse, or equivalent, sizing fuse to the required short circuit current.

Never open fuse adapter while connected or energized.

Disconnect from all devices and leads before replacing fuse.

Fuse adapter should be as close to the power source as possible.

Clean fuse adapter with cloth lightly moistened with water only. Dry thoroughly before use.

Do not use if any part is damaged. All maintenance should be referred to qualified service personnel only.

Do not use in wet or explosive atmosphere.

Description

The CT4140A is an Inline fuse adapter with 4 mm sheathed plug to 4 mm sheathed jack connections.

Fuses

- 6.3 x 32 mm, 0.5A, 1000 V, 50 kA, p/n CT4049-0.5A
- 6.3 x 32 mm, 1.0A, 1000 V, 50 kA, p/n CT4049-1.0A
- 6.3 x 32 mm, 1.5A, 1000 V, 50 kA, p/n CT4049-1.5A
- 6.3 x 32 mm, 2.0A, 1000 V, 50 kA, p/n CT4049-2.0A

Specifications

- Voltage Rating: 1000 V CAT IV, reinforced insulation, pollution degree 2
- Current Rating: See rating on the fuse
- Operating temperature: 5°C to 40°C (41°F to 104°F) and max RH 80%, up to 31°C decreasing linearly to 50% RH at 40 °C; altitude up to 2000 m.
- Storage temperature: -10°C to 55°C (14°F to 131°F)

CE Compliance

This product meets the essential requirements of the applicable European Directives as follows:

- Low-Voltage Directive (safety):
2014/35/EU
Standard EN 61010-031:2015 +
AMD1:2018
- Restriction of Hazardous
Substances Directive (RoHS):
2011/65/EU+AMD 2015/863

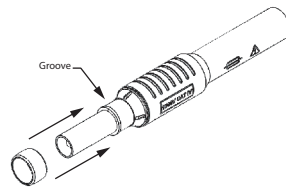


Fuse Replacement

- Disconnect from all devices and test leads
- Unscrew fuse adapter body by turning banana plug half counterclockwise.
- Remove and replace fuse
- Screw adapter pieces together

ID Ring Placement

- Slide on desired ID ring color and fit into groove



Definitions

POLLUTION - addition of foreign matter, solid, liquid, or gaseous (ionized gases), that may produce a reduction of dielectric strength or surface resistivity.

- POLLUTION DEGREE 2 - only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation is expected.

MEASUREMENT CATEGORY - Classification of testing and measuring circuits according to the types of mains circuits to which they are intended to be connected.

- MEASUREMENT CATEGORY II (CAT II) - measuring circuits connected directly to utilization points of the low-voltage mains installation.
- MEASUREMENT CATEGORY III (CAT III) - measuring circuits connected to the distribution part of the building's low-voltage mains installation.
- MEASUREMENT CATEGORY IV (CAT IV) - measuring circuits connected at the source of the building's low-voltage mains installation
- The measurement category of a combination of fuse adapter with a test lead, probe, or other accessory is the lower of assembled products.

Service



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