

## 1. SAFETY RULES

- These connectors are designed for use at temperatures between 0°C to 40°C and altitudes up to 2,000m.
- To ensure that the connectors are used safely, follow all safety and operating instructions in this operation manual.
- Do not use the connectors if they appear damaged.
- When using the connectors, keep your fingers on the plastic insulating body, and away from the metal contacts.
- Disconnect any wire, lead, or alligator clips before inserting or extracting the connector.
- Make sure power is off before cutting, desoldering, or breaking the circuit wires. Small amounts of current can be dangerous.
- Do not use on circuits powered with more than 30 VDC.
- To avoid electrical shock, use CAUTION when working above 60V DC or 25V AC rms. Such voltages pose a shock hazard.
- To avoid electrical shock or damage to the connectors, do not exceed the input limits.

## 2. INTERNATIONAL SYMBOLS

- |                                       |                      |
|---------------------------------------|----------------------|
| ⚠ Important information<br>see manual | ⚠ Dangerous Voltages |
| ~ AC                                  | 🔊 Continuity         |
| ⎓ DC                                  | ⚡ Ground             |
|                                       | ☐ Double Insulation  |

## 3. TECHNICAL SPECIFICATIONS

### 3.1 General Specifications

Fuses Compatibility:	Mini, ATO (ATC) and Maxi size automotive blade fuses
Contacts Material:	Nickel plated bronze
Connector Contacts Tabs:	1/4 Inch Quick Connects
Insulating Body:	ABS
Dimintions (LxWxD):	Mini 1.47 x 0.91 x 0.19 Inches 37.3 x 23.1 x 4.83 mm
	ATO/ATC 1.58 x 0.94 x 0.19 Inches 40.1 x 23.9 x 4.83 mm
	Maxi 2.01 x 1.16 x 0.30 Inches 51.1 x 29.5 x 7.62 mm
Weight:	Mini 0.11 Oz. (3.12 g)
	ATO/ATC 0.17 Oz. (4.58 g)
	Maxi 0.34 Oz. (9.16 g)

### 3.2 Electrical Specifications

- Do not exceed the maximum input voltage and/or current to prevent injury and damage to the connectors and/or sockets.

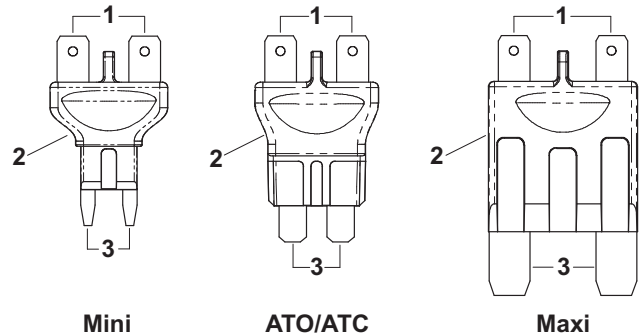
⚠ **CAUTION:** These connectors do not provide overcurrent protection for the circuits, therefore when used to supply current to loads, an external current limiting device should be added to the circuit.

Size	Max. Rated Voltage	Max. Rated current
Mini	32 VDC	20 ADC
ATO/ATC	32 VDC	30 ADC
Maxi	32 VDC	40 ADC

## 4. OPERATION

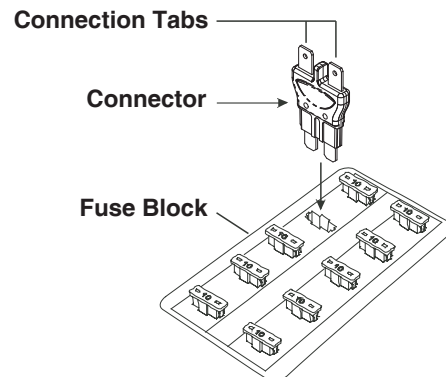
### 4.1 Connectors Description

- 1) Connector contacts tabs
- 2) Insulating plastic body
- 3) Fuse socket contacts



### 4.2 Connection to fuse sockets

⚠ **CAUTION:** Remove if possible the power from the socket, otherwise disconnect all loads from the socket circuits. Always disconnect any test leads or wires attached to the connector tabs before proceeding to insert the connector into the fuse socket.



## 5. MAINTENANCE

⚠ **CAUTION:** Do not submerge the connectors on any liquid, as they may become permanently damaged, and unsafe for use.

### 5.1 Cleaning

Periodically wipe the connectors with a soft damp cloth and mild household cleanser. Do not use abrasives or solvents. Ensure that no water gets inside the plastic insulating body to prevent possible shorts and damage.

## 6. WARRANTY

One year limited warranty, For details see Standard Warranty Information in our webpage or you may request a printed copy..

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