

# MOBAC Fuse Distribution Panel

Intellitec's **MOBAC Fuse Distribution Panel**, (01-01029-xxx), is a custom designed fuse distribution panel that provides the ideal answer to individual fuse distribution within a recreational or specialty vehicle. The Fuse Distribution Panel fits directly on top of the **MOBAC** module, (01-001008-xxx) and comes factory assembled without fuses installed.

The **MOBAC Fuse Distribution Panel** provides the manufacturer with the opportunity to distribute the power load between either of the two vehicle power sources, *Chassis* or *Coach* battery. The unit comes with a paper legend that is completed by the manufacturer detailing the fuse position purpose.

## What is Available

The **MOBAC** module can be configured in the following ways, for example;

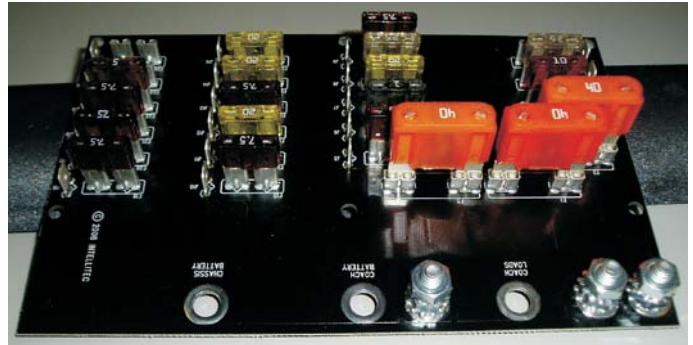
- + Up to 3, 100 Amp mechanically latching disconnects
- + Up to 2, DC power source, typically Chassis and Coach batteries
- + Provides Battery Isolator function
- + Automatic Reconnect
- + Provides Low Voltage Disconnect
- + Provides Auxiliary Start or Boost operation
- + Variety of Switch and Display panels
- + Provides Battery Control Center Functionality with a personality

The **MOBAC** base part number begins at, **01" 01008-xxx**, where the "**xxx**" defines the number of disconnect relays, number of power source connectors. This provides the manufacturer with a variety of custom power configurations to fit the need of the vehicle.



**Intellitec**

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## Part Number:

00-01029-000, (Fuses not included)

*The complete assembly (MOBAC and Fuse Distribution Panel) should be installed in the interior of the vehicle with limited exposure to the external environment*

The **MOBAC Fuse Distribution Panel** is custom designed to handle your fusing and distribution needs, for example;

- + Total of 24, Individually fused junction terminals
- + Replace ATO style fuses with relay(s) or circuit breakers - This will reduce the number of fused terminals available
- + Configure "Ignition-only" output circuits
- + Configure safety circuits and other critical devices to have power all of the time
- + Amperage rating typically is maximum of 25 Amps per fuse location, but may be designed to satisfy higher amperage loads
- + Configure to provide an Auxiliary Start function to "jump start" from the Coach battery

The custom designed **MOBAC Fuse Distribution Panel** (00-01029-xxx) may have up to three separate branch circuits with spaces for up to a total of twenty four individually fused locations. The three branch circuit feeds are identified on the back side of this sheet. Branch A is supplied power from the *Coach* Load connection. Branch circuit B is supplied power from the *Coach* Battery connection. Branch C is supplied from the *Chassis* Battery connection.

**NOTE:** See the diagram on the backside for the maximum current rating for each fuse location and total current for each of the three branch circuits.

P/N 53-01029-000 Rev. A 091008

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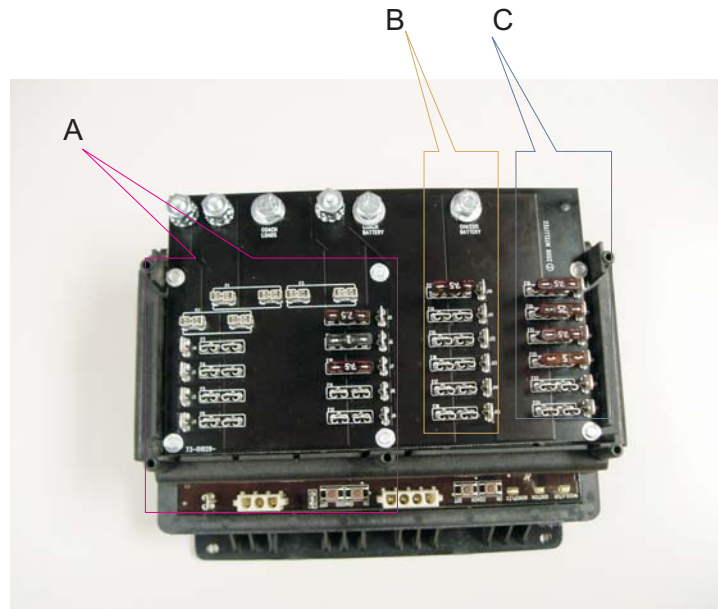
## Specifications:

Part Number	00-01029-000**
Max Continuous Carry Current	See table below (General Fuse Location Rules for specifics)
Maximum Ambient Temperature	185 Degrees F.
Minimum Ambient Temperature	-40 Degrees F.
Power Feed connection	Factory installed between Fuse Panel and MOBAC
Environmental	Secured to MOBAC, Protected inside vehicle

\*\* This part number represents a requested load design based upon a customer's specification. The part number listed above includes the MOBAC module ( 00-01008-000), and Fuse Distribution Panel as assembled.

## General Fuse Location Rules

Branch	Fuse #	Maximum Fuse Size	Total Current Per Branch
	F1, F2, F3	40 Amps, Maxi-Fuse	
	J1 - J4	25 Amps, ATO Style	
	J5 - J9	25 Amps, ATO Style	
<b>Branch A</b>			<b>150 Amps Total</b>
	J10 - J15	25 Amps, ATO Style	
<b>Branch B</b>			<b>100 Amps Total</b>
	J16 - J20	25 Amps, ATO Style	
<b>Branch C</b>			<b>100 Amps Total</b>



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