

# COMMERCIAL AND FLEET VEHICLES



APPLICATION GUIDE



**Littelfuse®**



**Cole Hersee**  
A Littelfuse® Brand



# WHY QUALITY **ELECTRICAL IS IMPORTANT**

Quality electrical systems are the heart of vehicles, and using products from Littelfuse and Cole Hersee will help reduce the risk of thermal events and reduce apparatus downtime.

Littelfuse, Cole Hersee, and Menber's have designed, manufactured, and shipped quality circuit protection, relays, power distribution modules, solenoids, switches, connectors, and master disconnects for decades.

## LOCAL RESOURCES FOR A **GLOBAL MARKET**

Littelfuse products help protect, control, and distribute vehicle electrical power in OEM and aftermarket applications for industries such as commercial, recreational, construction, agricultural, and mining vehicles and equipment.

We offer a broad and reliable selection of fuses, fuse blocks, power distribution modules, high & low current switches, relays, and solenoids to fit your electrical requirements.

For nearly a century we have worked alongside OEMs, engineers, and end-users to select the right products for their applications.

Littelfuse offers the broadest range of electrical products for protecting, sensing, and controlling.



VEHICLE APPLICATIONS



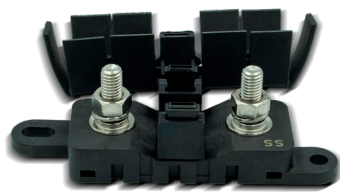


# POLICE PURSUIT CAR



## Circuit Protection

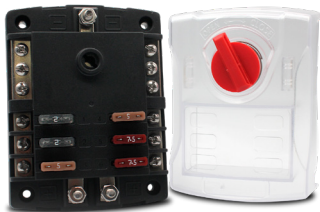
**02981028HXFC-SS**  
MEGA® Flex  
32V 500A Bolt-Down Fuse  
Holder



**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



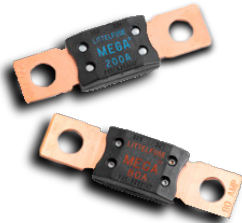
**MINI® FUSES**  
2A - 30A



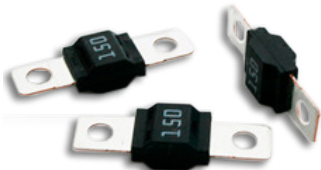
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



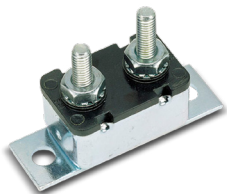
**0185150.XP**  
150A Type III High-Amp  
Circuit Breaker



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker

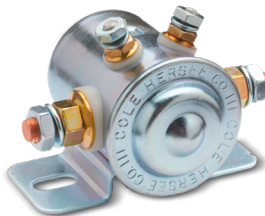


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Relays & Solenoids

**24059**  
Single Pole Series  
12V Continuous Duty  
Solenoid



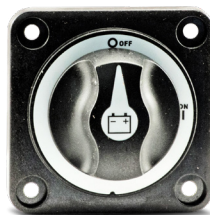
## Battery Management

**48541**  
FlexMod Voltage Sensing  
Relay and Timer



## Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches


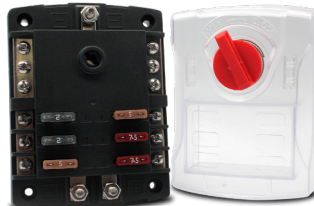


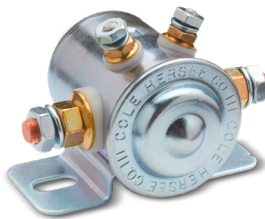

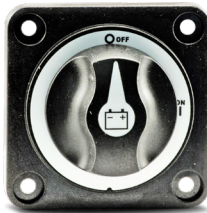


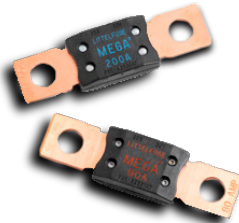
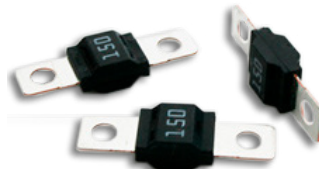




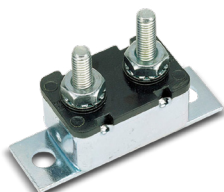


## Applications

- Lights
- Alarms
- Communication
- Sirens
- Light bar
- License plate readers
- Winch
- Cameras
- Mobile data terminals

# POLICE INTERCEPTOR



Circuit Protection				Relays & Solenoids	Battery Management	Battery & Master Disconnect Switches	Connectors
<b>FHAS100</b> Sealed In-Line ATO® Waterproof Fuse Holder	<b>880027</b> ST ATO® Series 6-Way Fuse Block with Ground Bus	<b>880089</b> LX Series 350A ATO® & MIDI® Power Distribution Module	<b>MINI® FUSES</b> 2A - 30A	<b>24059</b> Single Pole Series 12V Continuous Duty Solenoid	<b>48541</b> FlexMod Voltage Sensing Relay and Timer	<b>880062</b> SR Series Panel Mount Disconnect Switch	<b>M-427</b> M-42X - Terminal Blocks
							
<b>ATO® FUSES</b> 1A - 40A	<b>MEGA® FUSES</b> 80A - 500A	<b>MIDI® FUSES</b> 30A - 200A	<b>0185150.XP</b> 150A Type III High-Amp Circuit Breaker	<b>Indicator Devices</b>	<b>Low Current Switches</b>		
				<b>PL-612-R</b> Red LED Pilot Light	<b>58312-A</b> 58312 Series SPDT On-Off-On Wide Lens LED Rocker Switches		
							
<b>0UCB030.XP</b> UCB Series 30A CBK Universal Circuit Breaker	<b>30055-30</b> 12V 30A Type 1 Boxed Style Circuit Breaker						
							
				<b>Applications</b> <ul style="list-style-type: none"><li>Two-way radios</li><li>Alarms</li><li>Winch</li><li>Communication</li><li>Light bar</li><li>Threat alert systems</li><li>Surveillance cameras</li><li>Mobile data terminals</li></ul>			

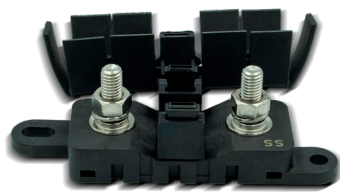


# POLICE SWAT



## Circuit Protection

**02981028HXFC-SS**  
MEGA® Flex  
32V 500A Bolt-Down Fuse  
Holder



**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module



**MINI® FUSES**  
2A - 30A



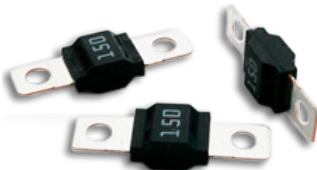
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



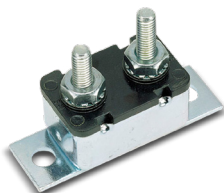
**MIDI® FUSES**  
30A - 200A



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker



**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Battery Management

**48541**  
FlexMod Voltage Sensing  
Relay and Timer



## Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches

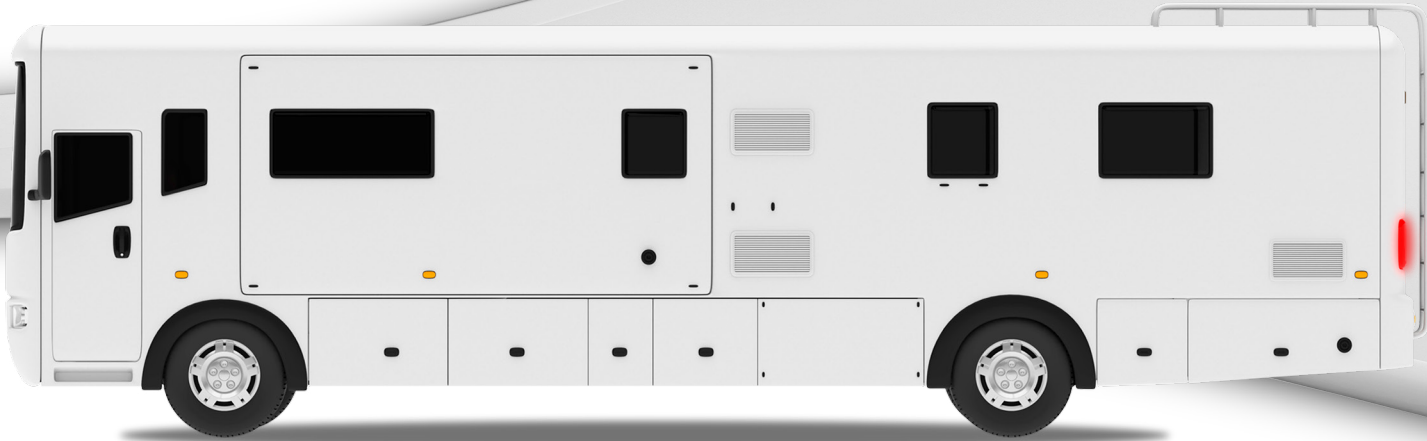


## Applications

- Lights
- Alarms
- Communication
- Infrared and night-vision
- Sirens
- Light bar
- License plate readers
- Sensors for testing air quality
- Winch
- Cameras
- Mobile data terminals
- Onboard navigation systems



# MOBILE COMMAND APPARATUS



**Circuit Protection**

**02981028HXFC-SS**  
MEGA® Flex  
32V 500A Bolt-Down Fuse  
Holder

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder

**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus

**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module

**04980933.X**  
MDB Series  
3 Way Loaded Sealed MIDI®  
Fuse Holder

**MINI® FUSES**  
2A - 30A

**ATO® FUSES**  
1A - 40A

**MEGA® FUSES**  
80A - 500A

**MIDI® FUSES**  
30A - 200A

**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker

**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker

**Relays & Solenoids**

**24059**  
Single Pole Series  
12V Continuous Duty  
Solenoid

**Battery Management**

**48541**  
FlexMod Voltage Sensing  
Relay and Timer

**Battery & Master Disconnect Switches**

**880062**  
SR Series  
Panel Mount Disconnect  
Switch

**Connectors**

**M-427**  
M-42X - Terminal Blocks

**Indicator Devices**

**PL-612-R**  
Red LED Pilot Light

**Low Current Switches**

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches

**Applications**

- HD and thermal cameras
- Dispatch, radio communications and cellular boosters
- Workstations, LED/LCD displays, and satellite systems

[www.Littelfuse.com/CVP](http://www.Littelfuse.com/CVP)



# AMBULANCE

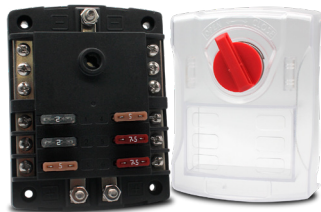


## Circuit Protection

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module



**MINI® FUSES**  
2A - 30A



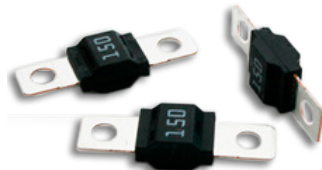
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



**0185150.XP**  
150A Type III High-Amp  
Circuit Breaker



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker

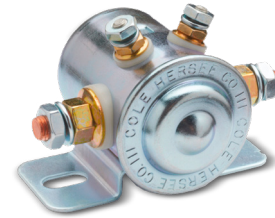


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Relays & Solenoids

**24059**  
Single Pole Series  
12V Continuous Duty  
Solenoid



## Battery Management

**48541**  
FlexMod Voltage Sensing  
Relay and Timer



## Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light

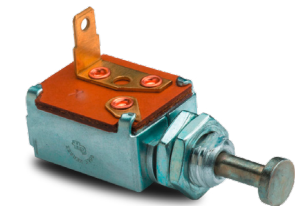


## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



**91812**  
12V 5A Normally Closed Self  
Grounded Door Switch



## Applications

- Sirens, warning lights, and speakers
- Mobile data terminals and communications technology
- Refrigeration units and medical equipment




# FIRE TRUCK




### Circuit Protection


**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder




**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module




**PDM71003ZXM**  
HWB60\_AL  
60 Way Fuse Holder




**MINI® FUSES**  
2A - 30A



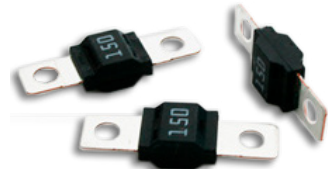
**ATO® FUSES**  
1A - 40A




**MEGA® FUSES**  
80A - 500A




**MIDI® FUSES**  
30A - 200A



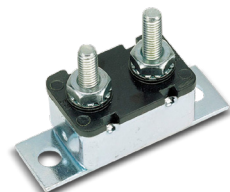
**0185150.XP**  
150A Type III High-Amp  
Circuit Breaker



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker

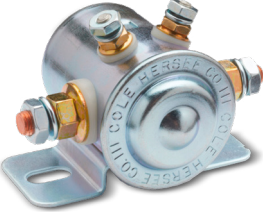


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker




### Relays & Solenoids

**24059**  
Single Pole Series  
12V Continuous Duty  
Solenoid




### Indicator Devices

**PL-612-R**  
Red LED Pilot Light



### Battery Management

**48541**  
FlexMod Voltage Sensing  
Relay and Timer




**4099**  
12V Universal  
Buzzer Alarm




### Battery & Master Disconnect Switches

**880175-0001**  
TR Series  
32V 500A 2-Pole Red Battery  
Disconnect Switch




**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches

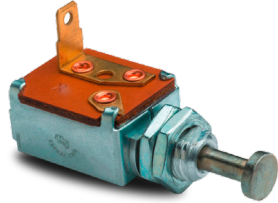


### Connectors

**M-427**  
M-42X - Terminal Blocks



**91812**  
12V 5A Normally Closed Self  
Grounded Door Switch



### Applications

Lights

Sirens

Winches

Radios

Headsets

12V USB Power Ports

Mobile data computers

Temperature-controlled compartments in Advance Life Saving (ALS) engines

[www.Littelfuse.com/CVP](http://www.Littelfuse.com/CVP)



# SMALL EMERGENCY RESPONSE



## Circuit Protection

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus

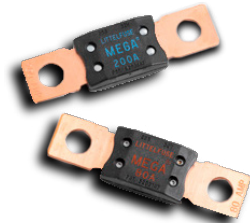


**MINI® FUSES**  
2A - 30A

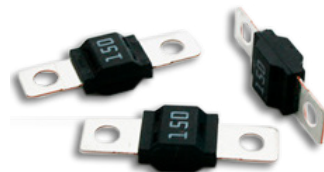


**ATO® FUSES**  
1A - 40A

**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



**0185150.XP**  
150A Type III High-Amp  
Circuit Breaker



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker



## Battery & Master Disconnect Switches

**08099080**  
LAS Series  
24V 150A Compact Manual  
Battery Disconnect Switch  
SPST



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



**4099**  
12V Universal  
Buzzer Alarm



## Applications

- Radio
- USB ports
- Winches
- Night-Ops Lighting
- 12 USB Power Ports
- Warning lights



# EXECUTIVE LIMO OR SHUTTLE BUS



## Circuit Protection

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module



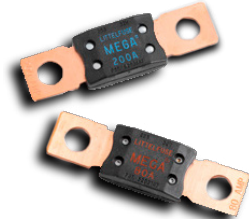
**MINI® FUSES**  
2A - 30A



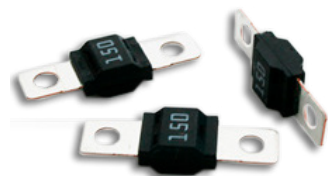
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



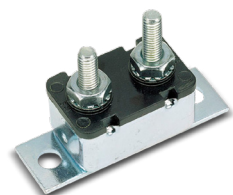
**0185150.XP**  
150A Type III High-Amp  
Circuit Breaker



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker



**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



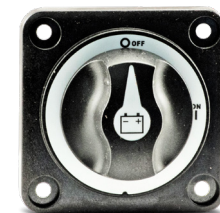
## Relays & Solenoids

**48530**  
12V 200A Smart Battery  
Isolator



## Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



## Low Current Switches

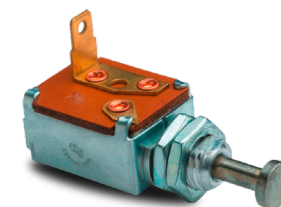
**4099**  
12V Universal  
Buzzer Alarm



**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



**91812**  
12V 5A Normally Closed Self  
Grounded Door Switch



## Applications

- LED lighting
- 12V charging stations
- Wi-Fi
- USB Power Ports
- Beverage centers
- Air conditioning
- Refrigerators



# MOBILE WORKSHOP DELIVERY VAN



**Circuit Protection**

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder

**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus

**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module

**MINI® FUSES**  
2A - 30A

**ATO® FUSES**  
1A - 40A

**MEGA® FUSES**  
80A - 500A

**MIDI® FUSES**  
30A - 200A

**0185150.XP**  
150A Type III High-Amp  
Circuit Breaker

**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker

**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker

**Relays & Solenoids**

**48530**  
12V 200A Smart Battery  
Isolator

**Indicator Devices**

**PL-612-R**  
Red LED Pilot Light

**Battery Management**

**48541**  
FlexMod Voltage Sensing  
Relay and Timer

**Applications**

▪ 12V charging stations

▪ USB Ports

▪ Audible alarms

▪ Backup cameras

▪ Warning lights

▪ Onboard GPS navigation

▪ Closed-circuit security cameras

**Battery & Master Disconnect Switches**

**880062**  
SR Series  
Panel Mount Disconnect  
Switch

**Low Current Switches**

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches

**Connectors**

**M-427**  
M-42X - Terminal Blocks

**91812**  
12V 5A Normally Closed Self  
Grounded Door Switch



# MUNICIPAL WORK TRUCK

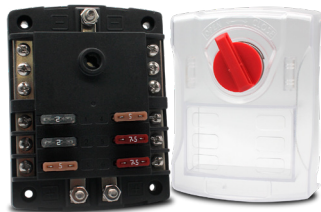


## Circuit Protection

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module



**MINI® FUSES**  
2A - 30A



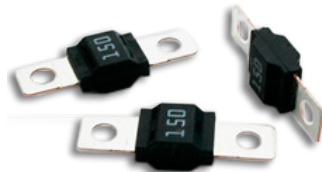
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



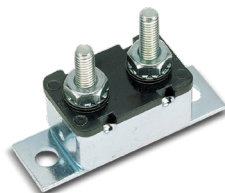
**MIDI® FUSES**  
30A - 200A



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker

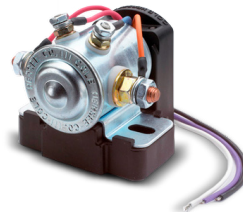


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Relays & Solenoids

**48530**  
12V 200A Smart Battery  
Isolator



## Battery Management

**48541**  
FlexMod Voltage Sensing  
Relay and Timer



## Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



**4099**  
12V Universal  
Buzzer Alarm



## Applications

- 2-way radios
- Audible alarms
- Winches, tail lifts and ramps
- Work and warning lights



# CAMPER VAN

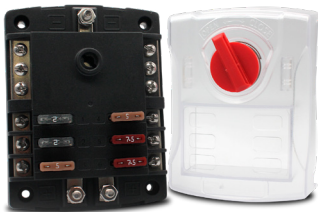


## Circuit Protection

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



**MINI® FUSES**  
2A - 30A



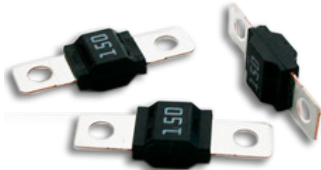
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



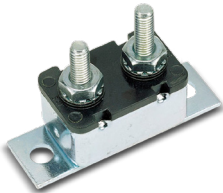
**MIDI® FUSES**  
30A - 200A



**0185150.XP**  
150A Type III High-Amp  
Circuit Breaker

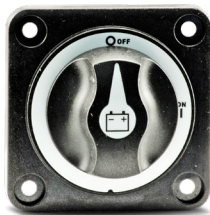


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



**4099**  
12V Universal  
Buzzer Alarm



## Applications

- Refrigerators
- Heaters
- Air conditioners
- USB Ports
- 12V charging capabilities



# ENTERTAINMENT PRODUCTION SUPPORT APPARATUS



### Circuit Protection

**02981028HXFC-SS**  
MEGA® Flex  
32V 500A Bolt-Down Fuse  
Holder

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder

**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus

**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module

**04980933.X**  
MDB Series  
3 Way Loaded Sealed MIDI®  
Fuse Holder

**MINI® FUSES**  
2A - 30A

**ATO® FUSES**  
1A - 40A

**MEGA® FUSES**  
80A - 500A

**MIDI® FUSES**  
30A - 200A

**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker

**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker

### Relays & Solenoids

**48530**  
12V 200A Smart Battery  
Isolator

### Indicator Devices

**PL-612-R**  
Red LED Pilot Light

### Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch

**880175-0001**  
TR Series  
32V 500A 2-Pole Red Battery  
Disconnect Switch

### Connectors

**M-427**  
M-42X - Terminal Blocks

### Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches

### Applications

- Televisions
- Stereos & amplifiers
- Power workstations

- Satellite capabilities
- Refrigerators
- Air conditioning

- LED lighting for hair and makeup areas
- 12V USB Power charging

[www.Littelfuse.com/CVP](http://www.Littelfuse.com/CVP)



# FOOD TRUCK

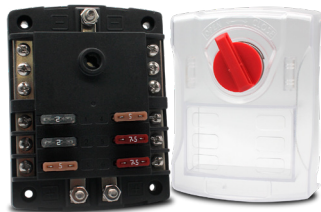


## Circuit Protection

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus

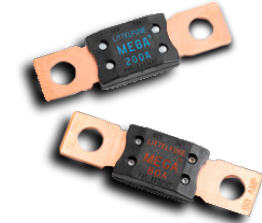


**MINI® FUSES**  
2A - 30A

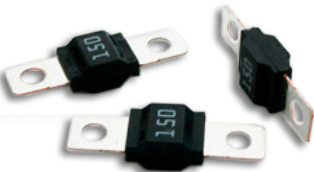


**ATO® FUSES**  
1A - 40A

**MEGA® FUSES**  
80A - 500A



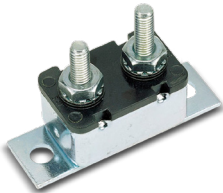
**MIDI® FUSES**  
30A - 200A



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker



**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Battery & Master Disconnect Switches

**08099080**  
LAS Series  
24V 150A Compact Manual  
Battery Disconnect Switch  
SPST



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



### Applications

▪ Coolers

▪ Freezers

▪ Heaters

▪ Grinddles

▪ Rotisseries

▪ Refrigeration

▪ Air conditioners

▪ Food dispensers

▪ Microwave ovens



# TRACTOR

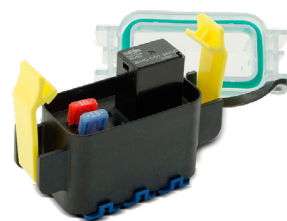


## Circuit Protection

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**PDM33003ZXM**  
HWB12 Series  
12 Way Power Distribution  
Module



**MINI® FUSES**  
2A - 30A



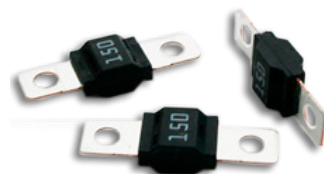
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker



**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Battery & Master Disconnect Switches

**2484**  
2484 Series  
36V 40A Battery Disconnect  
Switch SPST



**95060**  
95060 Series  
Ignition Switch



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches




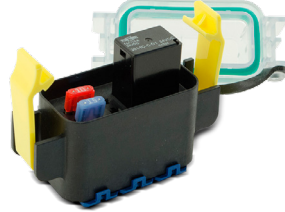







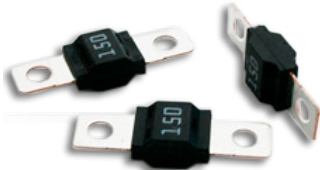

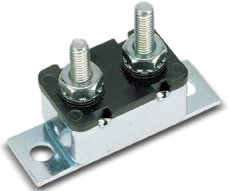

## Applications

- Work lights
- Audible warning alarms
- Warning lights
- Reliable startup
- Safe storage



# HARVESTER



Circuit Protection				Battery & Master Disconnect Switches	Connectors	Indicator Devices	Low Current Switches
<b>FHAS100</b> Sealed In-Line ATO® Waterproof Fuse Holder	<b>PDM33003ZX</b> HWB12 Series 12 Way Power Distribution Module	<b>MINI® FUSES</b> 2A - 30A	<b>ATO® FUSES</b> 1A - 40A	<b>2484</b> 2484 Series 36V 40A Battery Disconnect Switch SPST	<b>M-427</b> M-42X - Terminal Blocks	<b>PL-612-R</b> Red LED Pilot Light	<b>58312-A</b> 58312 Series SPDT On-Off-On Wide Lens LED Rocker Switches
							
<b>MEGA® FUSES</b> 80A - 500A	<b>MIDI® FUSES</b> 30A - 200A	<b>0UCB030.XP</b> UCB Series 30A CBK Universal Circuit Breaker	<b>30055-30</b> 12V 30A Type 1 Boxed Style Circuit Breaker	<b>95060</b> 95060 Series Ignition Switch			
							

Applications

▪ Work lights

▪ Warning lights

▪ Heating

▪ GPS

▪ Touchscreen control panels

▪ Air conditioning



# BULLDOZER

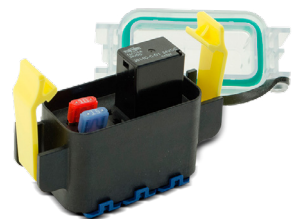


## Circuit Protection

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**PDM33003ZXM**  
HWB12 Series  
12 Way Power Distribution  
Module



**MINI® FUSES**  
2A - 30A



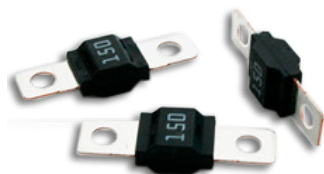
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



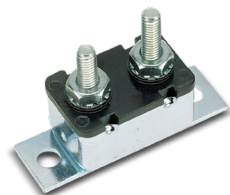
**MIDI® FUSES**  
30A - 200A



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker



**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Battery & Master Disconnect Switches

**75920**  
75920 Series  
12V 300A Master Battery  
Disconnect Switch



**95060**  
95060 Series  
Ignition Switch



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



## Applications

- Work lights
- Audible warning alarms
- Warning lights
- Battery safety
- Ignition

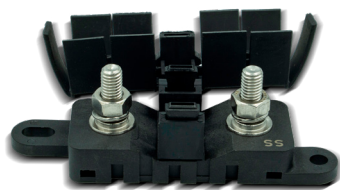


# ROW CROP TRACTOR



## Circuit Protection

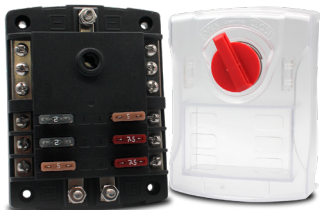
**02981028HXFC-SS**  
MEGA® Flex  
32V 500A Bolt-Down Fuse  
Holder



**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module



**04980933.X**  
MDB Series  
3 Way Loaded Sealed MIDI®  
Fuse Holder



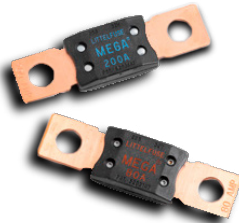
**MINI® FUSES**  
2A - 30A



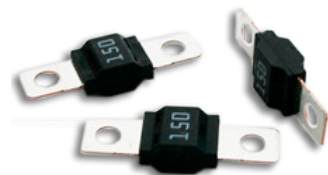
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



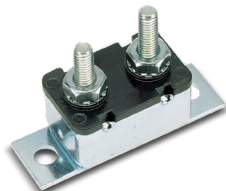
**MIDI® FUSES**  
30A - 200A



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker

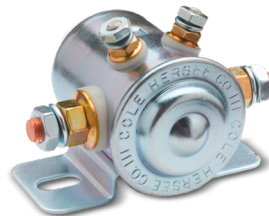


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Relays & Solenoids

**24059**  
Single Pole Series  
12V Continuous Duty  
Solenoid



## Battery & Master Disconnect Switches

**880064**  
SR Series  
32V 300A Battery  
Disconnect Switch SPST  
with Lockout



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



**95060**  
95060 Series  
Ignition Switch



## Applications

- Two-way radios
- Mobile data terminals

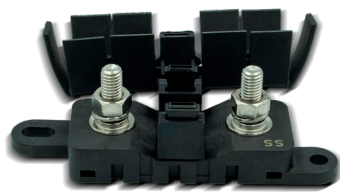


# SCHOOL BUS



## Circuit Protection

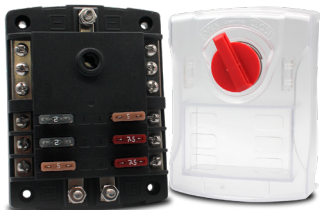
**02981028HXFC-SS**  
MEGA® Flex  
32V 500A Bolt-Down Fuse  
Holder



**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



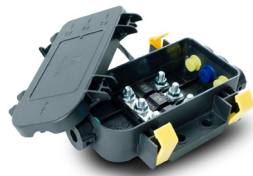
**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



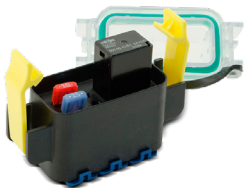
**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module



**04980933.X**  
MDB Series  
3 Way Loaded Sealed MIDI®  
Fuse Holder



**PDM33003ZX**  
HWB12 Series  
12 Way Power Distribution  
Module



**MINI® FUSES**  
2A - 30A



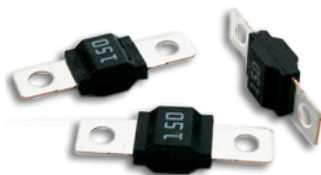
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



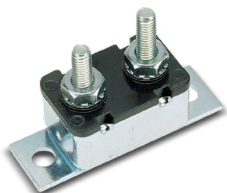
**MIDI® FUSES**  
30A - 200A



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker

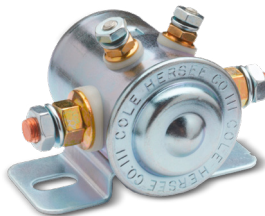


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Relays & Solenoids

**24059**  
Single Pole Series  
12V Continuous Duty  
Solenoid



## Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



**95060**  
95060 Series  
Ignition Switch



**7785-01**  
Foot Operated Switch  
12V 12A Foot-Operated  
Turn Switch



## Applications

- Audible warning alarms
- Warning lights
- Tail lifts and ramps

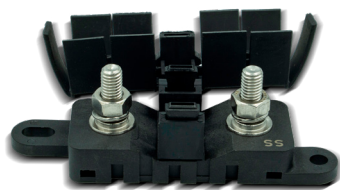


# MUNICIPAL BUS & MOTORCOACH



## Circuit Protection

**02981028HXFC-SS**  
MEGA® Flex  
32V 500A Bolt-Down Fuse  
Holder



**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



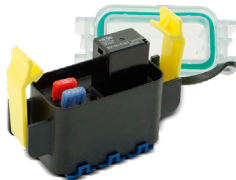
**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module



**04980933.X**  
MDB Series  
3 Way Loaded Sealed MIDI®  
Fuse Holder



**PDM33003ZX**  
HWB12 Series  
12 Way Power Distribution  
Module



**MINI® FUSES**  
2A - 30A



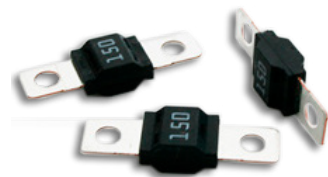
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



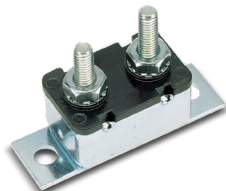
**MIDI® FUSES**  
30A - 200A



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker

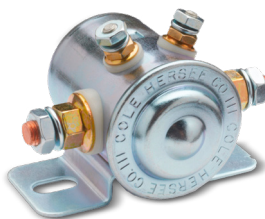


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Relays & Solenoids

**24059**  
Single Pole Series  
12V Continuous Duty  
Solenoid



## Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



**95060**  
95060 Series  
Ignition Switch



**7785-01**  
Foot Operated Switch  
12V 12A Foot-Operated  
Turn Switch



## Applications

- Wi-Fi
- TV
- Heating
- USB charging ports
- Individually controlled air conditioning



# SCISSOR LIFT



## Circuit Protection

**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



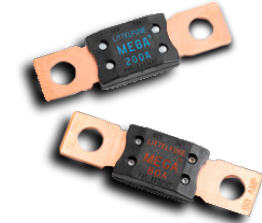
**MINI® FUSES**  
2A - 30A



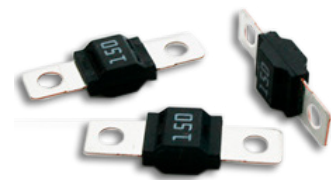
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



**0185150.XP**  
150A Type III High-Amp  
Circuit Breaker



**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker



## Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch



## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



## Connectors

**M-427**  
M-42X - Terminal Blocks



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light



**4099**  
12V Universal  
Buzzer Alarm



## Applications

- Platform work lights
- Flashing warning lights
- Horns

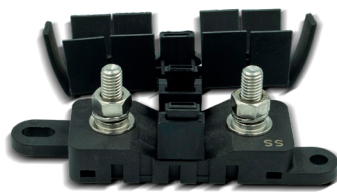


# MINING TRUCK



## Circuit Protection

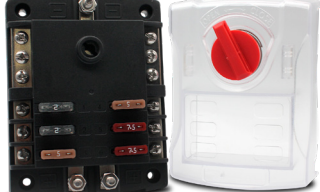
**02981028HXFC-SS**  
MEGA® Flex  
32V 500A Bolt-Down Fuse  
Holder



**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module



## Relays & Solenoids

**48530**  
12V 200A Smart Battery  
Isolator



## Battery & Master Disconnect Switches

**880062**  
SR Series  
Panel Mount Disconnect  
Switch



**880175-0001**  
TR Series  
32V 500A 2-Pole Red Battery  
Disconnect Switch



## Connectors

**M-427**  
M-42X - Terminal Blocks



**04980933.X**  
MDB Series  
3 Way Loaded Sealed MIDI®  
Fuse Holder



**MINI® FUSES**  
2A - 30A



**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



## Indicator Devices

**PL-612-R**  
Red LED Pilot Light

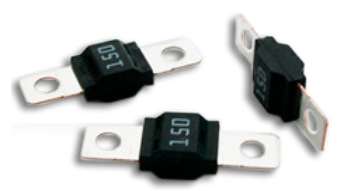


## Low Current Switches

**58312-A**  
58312 Series  
SPDT On-Off-On Wide Lens  
LED Rocker Switches



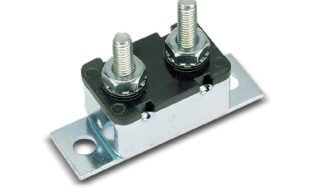
**MIDI® FUSES**  
30A - 200A



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker



**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Applications

- Mobile Data Center
- Air conditioning
- Heating
- Touchscreen control panels
- Heated and cooled cushions
- Cellular & satellite connectivity

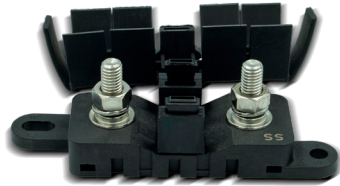


# TRACTOR TRAILER




### Circuit Protection

**02981028HXFC-SS**  
MEGA® Flex  
32V 500A Bolt-Down Fuse  
Holder




**FHAS100**  
Sealed In-Line ATO®  
Waterproof Fuse Holder



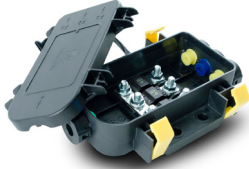
**880027**  
ST ATO® Series  
6-Way Fuse Block with  
Ground Bus



**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module




**04980933.X**  
MDB Series  
3 Way Loaded Sealed MIDI®  
Fuse Holder



**MINI® FUSES**  
2A - 30A



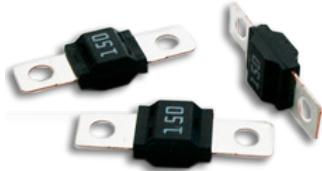
**ATO® FUSES**  
1A - 40A




**MEGA® FUSES**  
80A - 500A



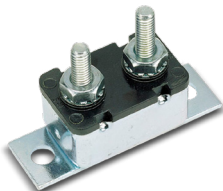
**MIDI® FUSES**  
30A - 200A



**0UCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker



**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



### Battery Power Control

**880086**  
HD Series  
Relay 24 V DC




### Battery & Master Disconnect Switches

**75920**  
75920 Series  
12V 300A Master Battery  
Disconnect Switch



### Primary Power Distribution

**FLEC3000Z-0U**  
FLEC™ Series  
Flexible Electrical Center  
Configurable PDM



### Switches

**95060**  
95060 Series  
Ignition Switch



### Circuit Protection

**PDM71003ZX**  
HWB60\_AL  
60 Way Fuse Holder



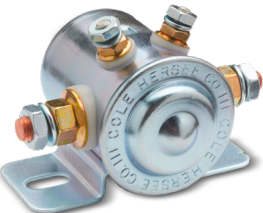
### In-Line Fuse Holders

**0FHM0002XP**  
MINI® FHM Series  
58V 30A MINI® In-Line  
Waterproof Fuse Holder



### Relays & Solenoids

**24059**  
Single Pole Series  
12V Continuous Duty  
Solenoid



### Applications

- Alarms
- Mobile Data Center
- 12V USB chargers

- Utility Lights
- Refrigeration
- Television

- Stereo & Amplifier
- CB Radio
- Microwave

[www.Littelfuse.com/CVP](http://www.Littelfuse.com/CVP)



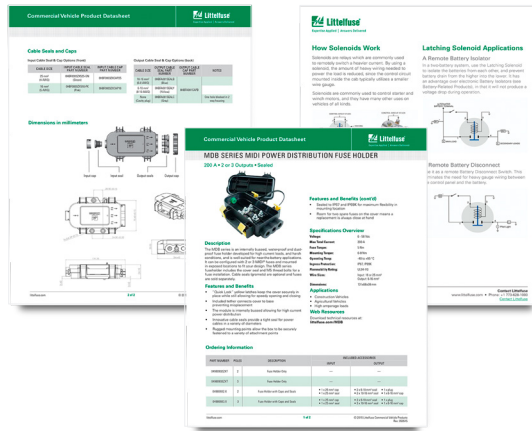
# PRODUCT INFORMATION & RESOURCES

available at: [littelfuse.com/CVP](https://littelfuse.com/CVP)

Littelfuse publishes technical documents to help in the design and selection of products for your electrical systems. To learn more about a specific product or application, visit our online library at:

[Littelfuse.com/Commercial-Vehicle-Technical-Center](https://Littelfuse.com/Commercial-Vehicle-Technical-Center)

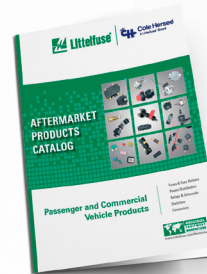
- Extended Datasheets
- Application Notes
- CAD Drawings
- 2D Outlines
- 3D Models
- Glossary
- FAQ



## Littelfuse.com/Catalogs

Littelfuse offers digital and printed catalogs and other product brochures. To request a copy, please contact Littelfuse or download the digital version on our website.

Our product catalogs feature circuit protection, power control and sensing products for OEM and aftermarket applications.



Expertise Applied | Answers Delivered



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Part Number: CVP250  
Rev: 010623-E