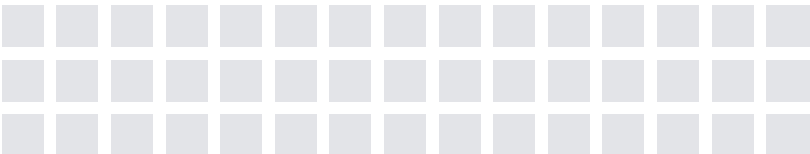


# COMMERCIAL AND FLEET VEHICLES



APPLICATION GUIDE





# 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



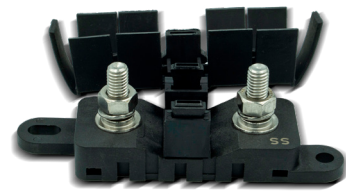


# POLICE PURSUIT CAR



## 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



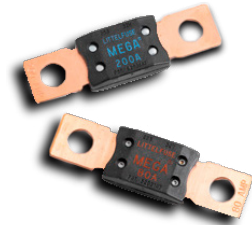
**MINI® FUSES**  
2A - 30A



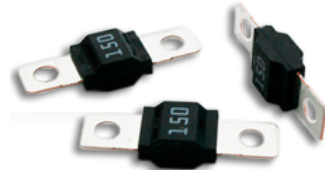
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



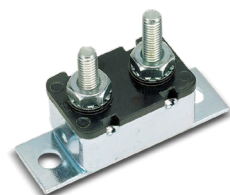
**0185150.XP**  
150A Type III High-Amp  
Circuit Breaker



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

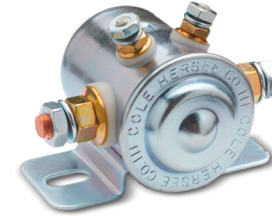


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## 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

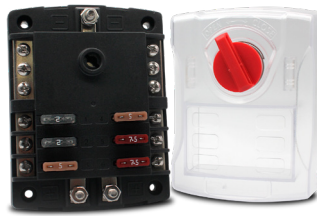
### FHAS100

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



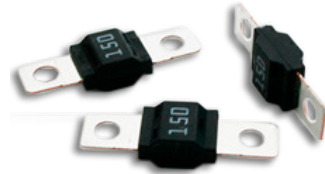
### MEGA® FUSES

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

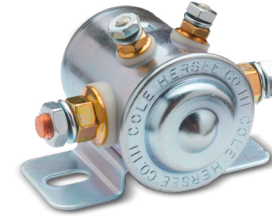
12V 30A Type 1  
Boxed Style Circuit Breaker



## Relays & Solenoids

### 24059

Single Pole Series  
12V Continuous Duty  
Solenoid



## Indicator Devices

### PL-612-R

Red LED Pilot Light



## Battery Management

### 48541

FlexMod Voltage Sensing  
Relay and Timer



## Low Current Switches

### 58312-A

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



## Battery & Master Disconnect Switches

### 880062

SR Series  
Panel Mount Disconnect  
Switch



## Connectors

### M-427

M-42X - Terminal Blocks



## Applications

- Two-way radios
- Alarms
- Winch
- Communication
- Light bar
- Threat alert systems
- Surveillance cameras
- Mobile data terminals

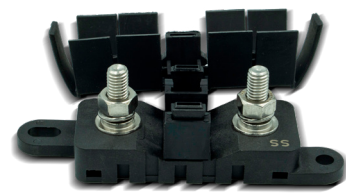


# POLICE SWAT



## 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



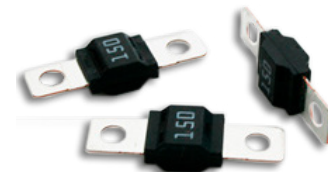
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



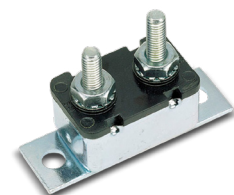
**MIDI® FUSES**  
30A - 200A



**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

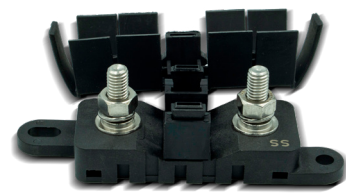


# MOBILE COMMAND APPARATUS



## 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



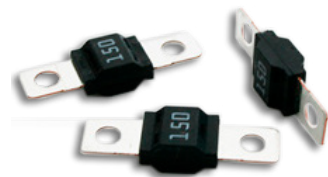
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



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

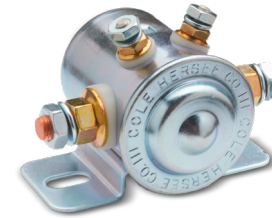


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## 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



# AMBULANCE

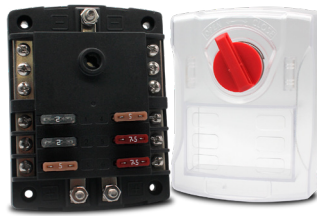


## Circuit Protection

**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

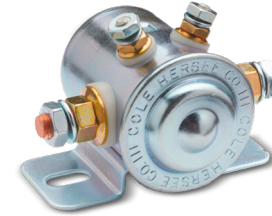


**MINI® FUSES**  
2A - 30A



## 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

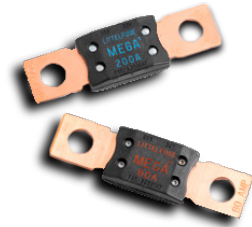
**M-427**  
M-42X - Terminal Blocks



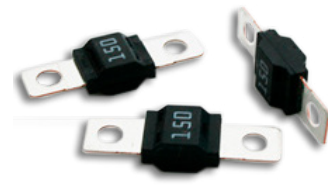
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



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



## Indicator Devices

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



**4099**  
12V Universal  
Buzzer Alarm

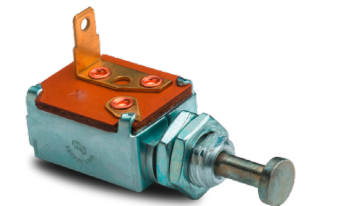


## Low Current Switches

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



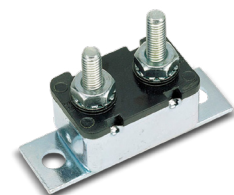
**91812**  
12V 5A Normally Closed Self  
Grounded Door Switch



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



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



## 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



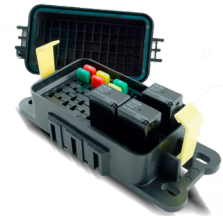
### 880089

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



### PDM71003ZXM

HWPB60\_AL  
60 Way Fuse Holder



### MINI® FUSES

2A - 30A



### ATO® FUSES

1A - 40A



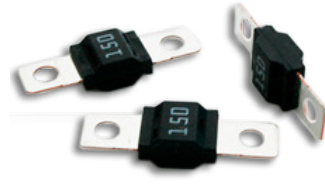
### MEGA® FUSES

80A - 500A



### MIDI® FUSES

30A - 200A



### 0185150.XP

150A Type III High-Amp  
Circuit Breaker



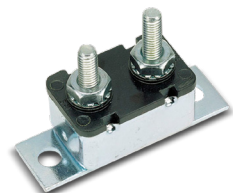
### 0UCB030.XP

UCB Series  
30A CBK Universal  
Circuit Breaker



### 30055-30

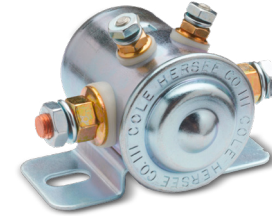
12V 30A Type 1  
Boxed Style Circuit Breaker



## Relays & Solenoids

### 24059

Single Pole Series  
12V Continuous Duty  
Solenoid



## Battery Management

### 48541

FlexMod Voltage Sensing  
Relay and Timer



## Battery & Master Disconnect Switches

### 880175-0001

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



## Connectors

### M-427

M-42X - Terminal Blocks



## Indicator Devices

### PL-612-R

Red LED Pilot Light



### 4099

12V Universal  
Buzzer Alarm



## Low Current Switches

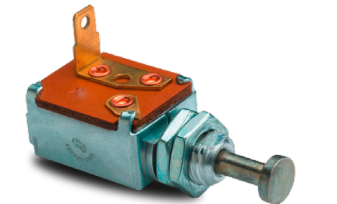
### 58312-A

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



### 91812

12V 5A Normally Closed Self  
Grounded Door Switch



## Applications

- Lights
- Radios
- Mobile data computers
- Sirens
- Headsets
- Temperature-controlled compartments in Advance Life Saving (ALS) engines
- Winches
- 12V USB Power Ports



# SMALL EMERGENCY RESPONSE



## Circuit Protection

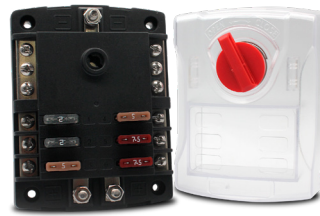
### FHAS100

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



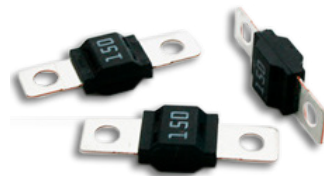
### MEGA® FUSES

80A - 500A



### MIDI® FUSES

30A - 200A



### 0185150.XP

150A Type III High-Amp  
Circuit Breaker



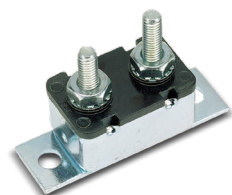
### 0UCB030.XP

UCB Series  
30A CBK Universal  
Circuit Breaker



### 30055-30

12V 30A Type 1  
Boxed Style Circuit Breaker



## 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

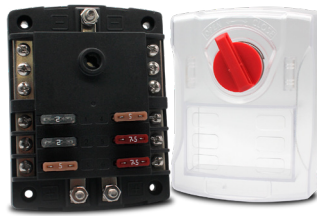


## Circuit Protection

**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



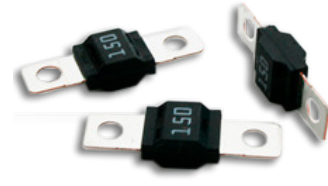
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



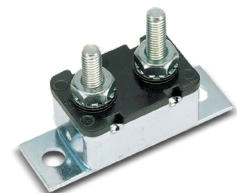
**0185150.XP**  
150A Type III High-Amp  
Circuit Breaker



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

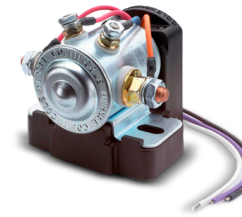


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## 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

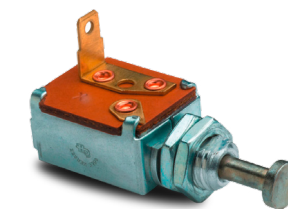
**4099**  
12V Universal  
Buzzer Alarm



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



# 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



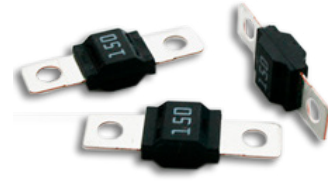
### MEGA® FUSES

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

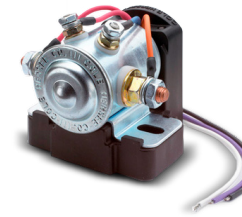
12V 30A Type 1  
Boxed Style Circuit Breaker



## Relays & Solenoids

### 48530

12V 200A Smart Battery  
Isolator



## 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



### 4099

12V Universal  
Buzzer Alarm



## Low Current Switches

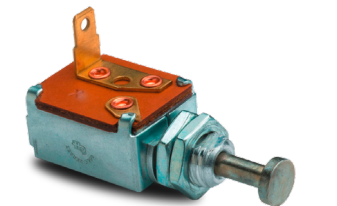
### 58312-A

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



### 91812

12V 5A Normally Closed Self  
Grounded Door Switch



## Applications

- 12V charging stations
- Backup cameras
- Closed-circuit security cameras
- USB Ports
- Warning lights
- Audible alarms
- Onboard GPS navigation



# 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



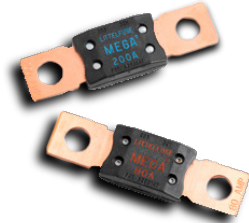
### ATO® FUSES

1A - 40A



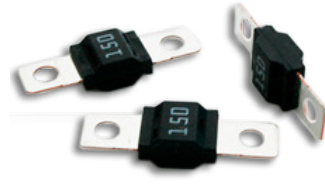
### MEGA® FUSES

80A - 500A



### MIDI® FUSES

30A - 200A



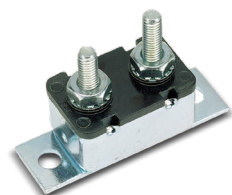
### 0UCB030.XP

UCB Series  
30A CBK Universal  
Circuit Breaker



### 30055-30

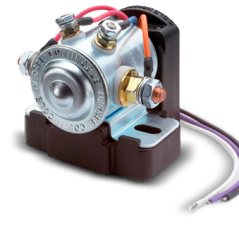
12V 30A Type 1  
Boxed Style Circuit Breaker



## 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



### 4099

12V Universal  
Buzzer Alarm



## Low Current Switches

### 58312-A

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



## Applications

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



# CAMPER VAN

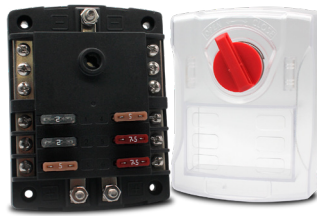


## Circuit Protection

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



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



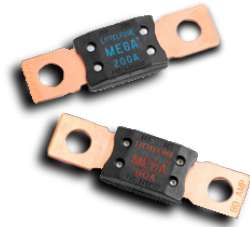
**MINI® FUSES**  
2A - 30A



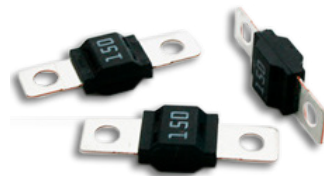
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



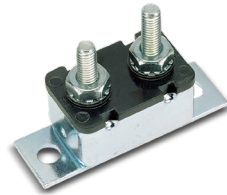
**MIDI® FUSES**  
30A - 200A



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

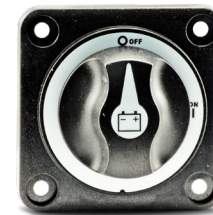


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## 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

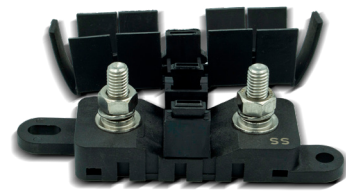


# ENTERTAINMENT PRODUCTION SUPPORT APPARATUS



## 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



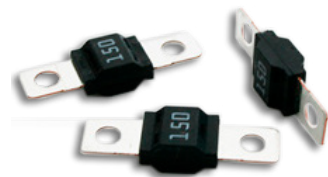
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



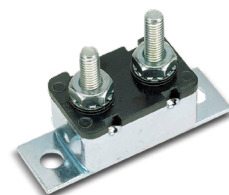
**MIDI® FUSES**  
30A - 200A



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

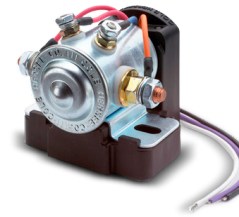


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## Relays & Solenoids

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



## 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



## 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

- Televisions
- Stereos & amplifiers
- Power workstations
- Satellite capabilities
- Refrigerators
- Air conditioning
- LED lighting for hair and makeup areas
- 12V USB Power charging



# 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



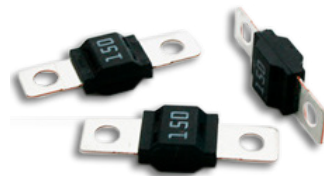
### MEGA® FUSES

80A - 500A



### MIDI® FUSES

30A - 200A



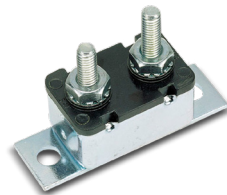
### 0UCB030.XP

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
- Griddles
- Rotisseries
- Refrigeration
- Air conditioners
- Food dispensers
- Microwave ovens



# TRACTOR

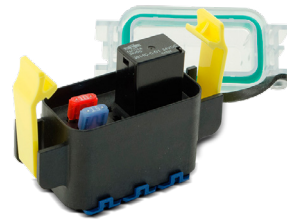


## Circuit Protection

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



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



**MINI® FUSES**  
2A - 30A



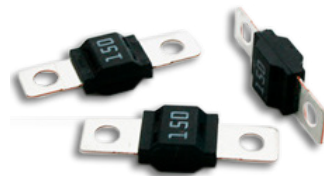
**ATO® FUSES**  
1A - 40A



**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

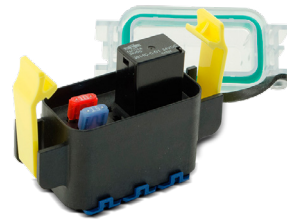


## Circuit Protection

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



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



**MINI® FUSES**  
2A - 30A

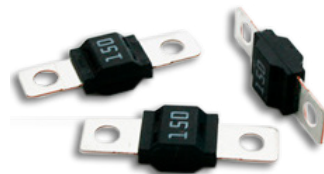


**ATO® FUSES**  
1A - 40A

**MEGA® FUSES**  
80A - 500A



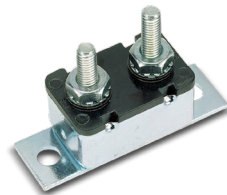
**MIDI® FUSES**  
30A - 200A



**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
- Warning lights
- Heating
- GPS
- Touchscreen control panels
- Air conditioning



# BULLDOZER



## Circuit Protection

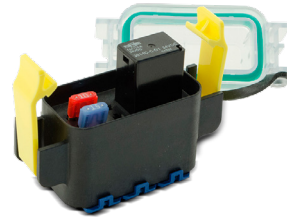
### FHAS100

Sealed In-Line ATO®  
Waterproof Fuse Holder



### PDM33003ZXM

HWB12 Series  
12 Way Power Distribution  
Module



### MINI® FUSES

2A - 30A



### ATO® FUSES

1A - 40A



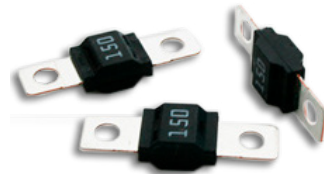
### MEGA® FUSES

80A - 500A



### MIDI® FUSES

30A - 200A



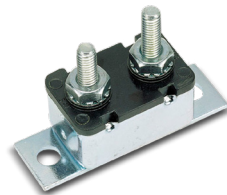
### 0UCB030.XP

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

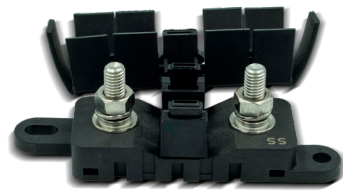


# ROW CROP TRACTOR



## 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



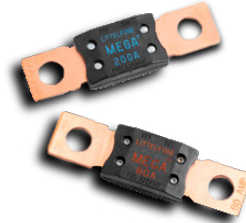
**MINI® FUSES**  
2A - 30A



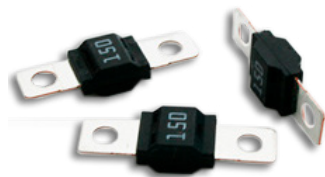
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



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

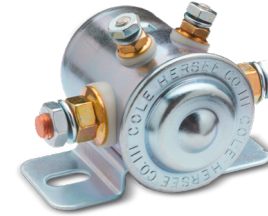


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## 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

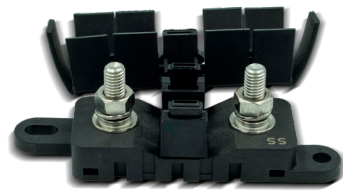


# SCHOOL BUS



## 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

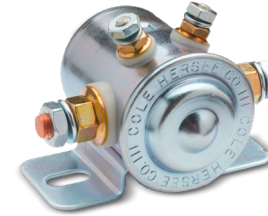


**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module



## 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

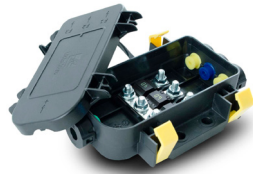


## Indicator Devices

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



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



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



**MINI® FUSES**  
2A - 30A



**ATO® FUSES**  
1A - 40A



## Low Current Switches

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



**95060**  
95060 Series  
Ignition Switch



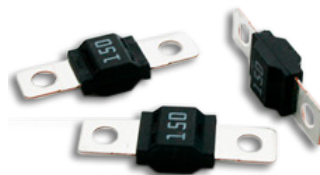
**7785-01**  
Foot Operated Switch  
12V 12A Foot-Operated  
Turn Switch



**MEGA® FUSES**  
80A - 500A



**MIDI® FUSES**  
30A - 200A



**OUCB030.XP**  
UCB Series  
30A CBK Universal  
Circuit Breaker



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



## Applications

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

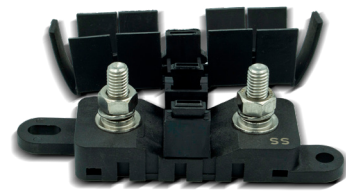


# MUNICIPAL BUS & MOTORCOACH



## 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



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



**MINI® FUSES**  
2A - 30A



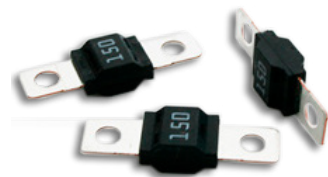
**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



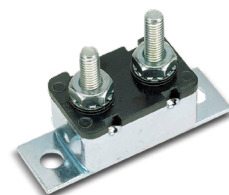
**MIDI® FUSES**  
30A - 200A



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

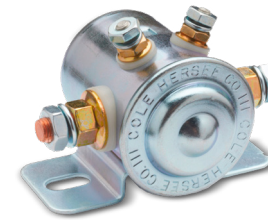


**30055-30**  
12V 30A Type 1  
Boxed Style Circuit Breaker



## 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

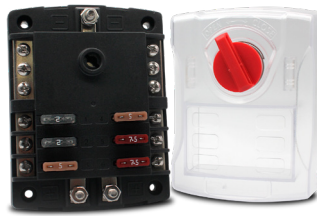
### FHAS100

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



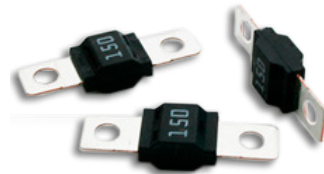
### MEGA® FUSES

80A - 500A



### MIDI® FUSES

30A - 200A



### 0185150.XP

150A Type III High-Amp  
Circuit Breaker



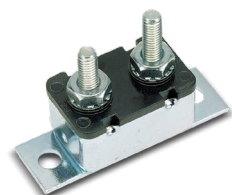
### 0UCB030.XP

UCB Series  
30A CBK Universal  
Circuit Breaker



### 30055-30

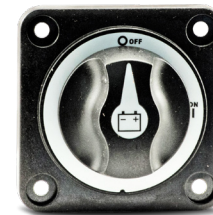
12V 30A Type 1  
Boxed Style Circuit Breaker



## 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



## Applications

- Platform work lights
- Flashing warning lights
- Horns

## Connectors

### M-427

M-42X - Terminal Blocks



## Indicator Devices

### PL-612-R

Red LED Pilot Light



### 4099

12V Universal  
Buzzer Alarm



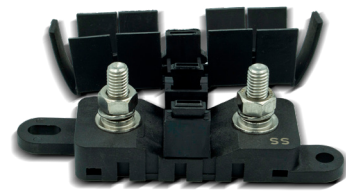


# MINING TRUCK



## 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

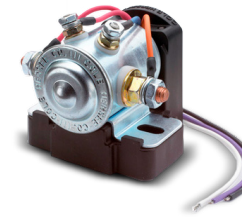


**880089**  
LX Series  
350A ATO® & MIDI®  
Power Distribution Module



## 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

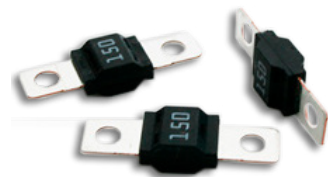


## Low Current Switches

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



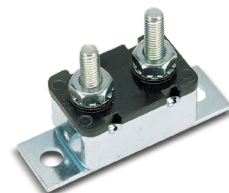
**MIDI® FUSES**  
30A - 200A



**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

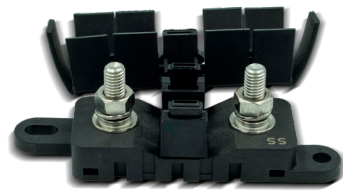


# TRACTOR TRAILER



## 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



## Battery Power Control

**880086**  
HD Series  
Relay 24 V DC



## Primary Power Distribution

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



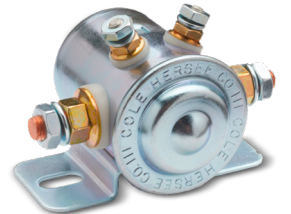
## Circuit Protection

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

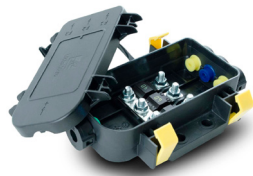


## Relays & Solenoids

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



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



**MINI® FUSES**  
2A - 30A



**ATO® FUSES**  
1A - 40A



**MEGA® FUSES**  
80A - 500A



## Battery & Master Disconnect Switches

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



## Switches

**95060**  
95060 Series  
Ignition Switch

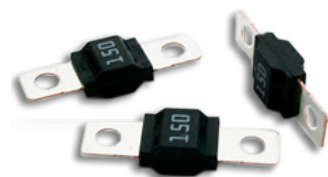


## In-Line Fuse Holders

**OFHM0002XP**  
MINI® FHM Series  
58V 30A MINI® In-Line  
Waterproof Fuse Holder



**MIDI® FUSES**  
30A - 200A



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



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



## Applications

- Alarms
- Mobile Data Center
- 12V USB chargers
- Utility Lights
- Refrigeration
- Television
- Stereo & Amplifier
- CB Radio
- Microwave



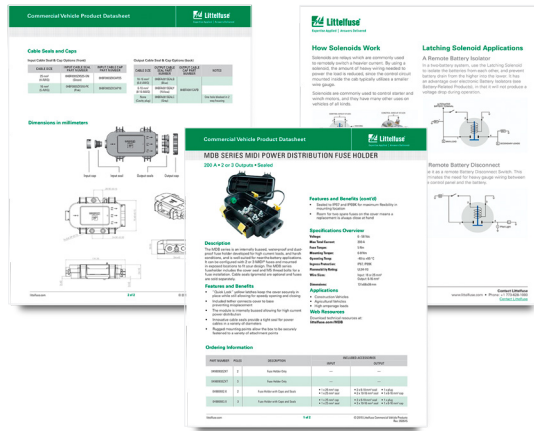
# PRODUCT INFORMATION & RESOURCES

available at: [littelfuse.com/CVP](http://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](http://Littelfuse.com/Commercial-Vehicle-Technical-Center)

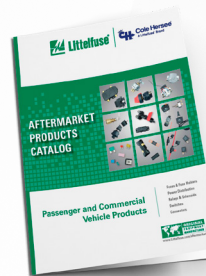
- Extended Datasheets
- Application Notes
- CAD Drawings
- 2D Outlines
- 3D Models
- Glossary
- FAQ



## 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.



## Littelfuse.com/ContactUs

Contact Littelfuse support or find a local representative or distributor.



Expertise Applied | Answers Delivered



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Part Number: CVP250  
Rev: 010623-E