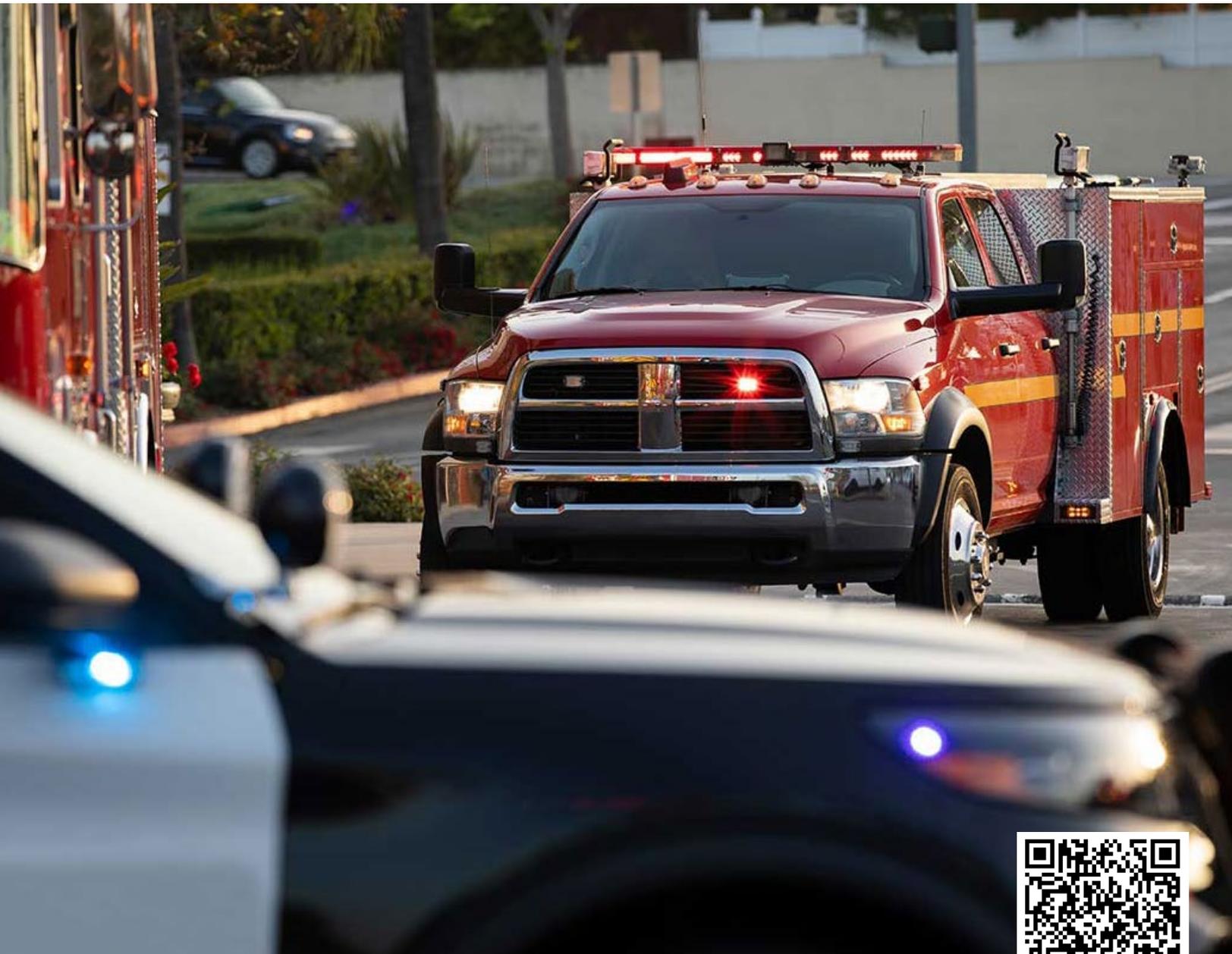




# OPTIFUSE FOR **EMERGENCY VEHICLE UPFITTING**

Circuit protection for the most challenging applications



[WWW.OPTIFUSE.COM](http://WWW.OPTIFUSE.COM)

## OPTIFUSE FOR EMERGENCY VEHICLE UPFITTING

Circuit protection for the most challenging applications



### HIGH AMPERAGE CIRCUIT BREAKERS

SE IP<sub>67</sub>  
J1171



Waterproof (IP 67) and Ignition Protected  
25A-300A  
Automatic and Manual Reset  
Ask us about our new 153-SS model with stainless steel hardware

### 10-32 STUD CIRCUIT BREAKERS

SE IP<sub>63</sub>  
J1171



Ignition Protected  
Metal and IP63 Plastic body  
Automatic and Manual Reset  
Amperage color coding available  
Three bracket styles  
Insulating cover available

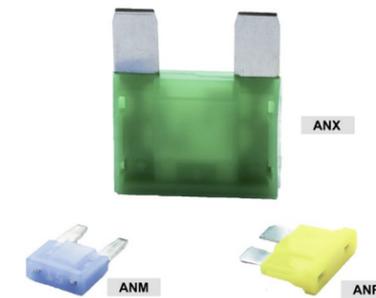
## OPTIFUSE FOR EMERGENCY VEHICLE UPFITTING

Circuit protection for the most challenging applications



### BLADE FUSES

cRU<sub>US</sub>



High Voltage available: 58VDC, 80VDC and 250VAC  
With LED indicator option  
All sizes available: MICRO3 Style | MICRO2 Style | Mini Style - Low Profile | Mini Style | Regular (ATO/ATC Style) | Maxi Style  
Designed with corrosion resistant materials

### BLADE FUSE BLOCKS



Available with ratings up to 80VDC  
Consolidate up to 12 circuits  
With clear, insulating cover  
LED blown fuse indicator available  
Split Bus to combine switched & unswitched circuits  
With built-in ground bus option  
New Modular Design to create 4 different fuse blocks with only 2 parts

### BATTERY PROTECTION FUSES

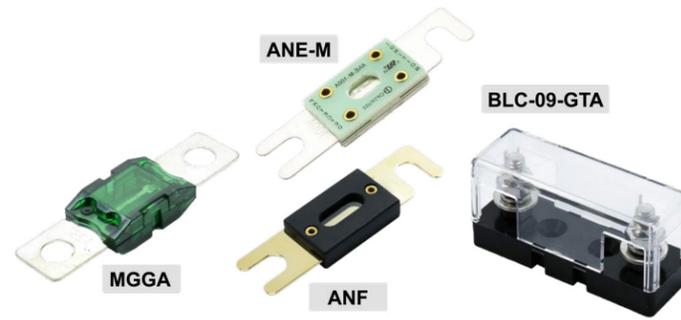
SE IP<sub>67</sub>  
J1171



Waterproof (IP 67) and Ignition Protected  
30A-300A  
Amperage color coding available  
Mounted with Single and Double Bar fuse holders  
High interrupting rating for main circuit protection on large battery banks

### BOLT-ON FUSES

cRU<sub>US</sub> SE  
J1171



Ignition Protected options  
For Heavy-Duty loads up to 800A  
High Voltage available: 58VDC, 125VDC  
Compact fuses for main or branch circuit protection  
Amperage color coding available  
Fuse blocks with insulating cover available

### IN-LINE FUSE HOLDERS

IP<sub>65</sub> IP<sub>67</sub>



Up to 125VDC/250VAC ideal for applications requiring high voltage blade fuses  
With protective cover up to IP 67  
LED blown fuse indicator available  
Various wire gauge, length and colors options  
Ask us about our customization capabilities

### EMERGENCY FUSE KIT



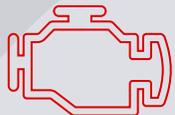
Ensures compliance with the Federal Motor Carrier Safety Regulations (FMCSR)  
Ask us about other retail packaging options including assortment packs and kits  
Customizable storefront Plan-O-Gram (POG) options and Point of Purchase displays also available

# EMERGENCY VEHICLE DC ELECTRICAL SYSTEM

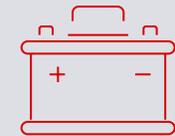
OPTIFUSE & SWITCH COMPONENTS

DC  
Power

DC  
Loads



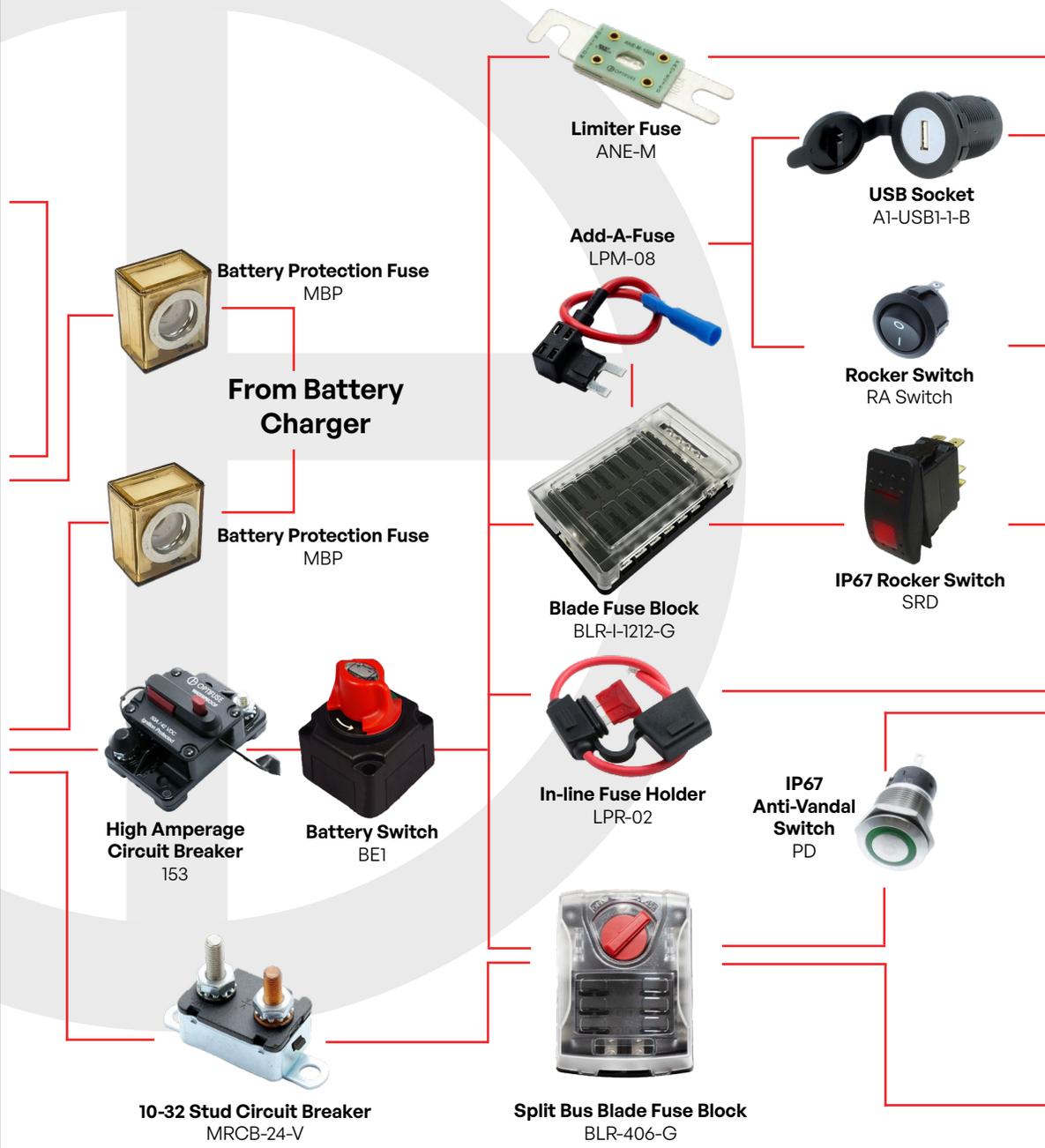
Engine



Start  
Battery



Electronics  
Battery



Switch  
Circuits

- Stereo
- Lights
- Cellphone
- Camera
- Hand-Held Radio
- Radio
- MDC

24hr  
Circuits

- Siren
- Clock
- Alarm

\*The diagram above is for reference only. Please consult a professional when setting up your electrical system.  
July 2024 | OPTI-F-005-03