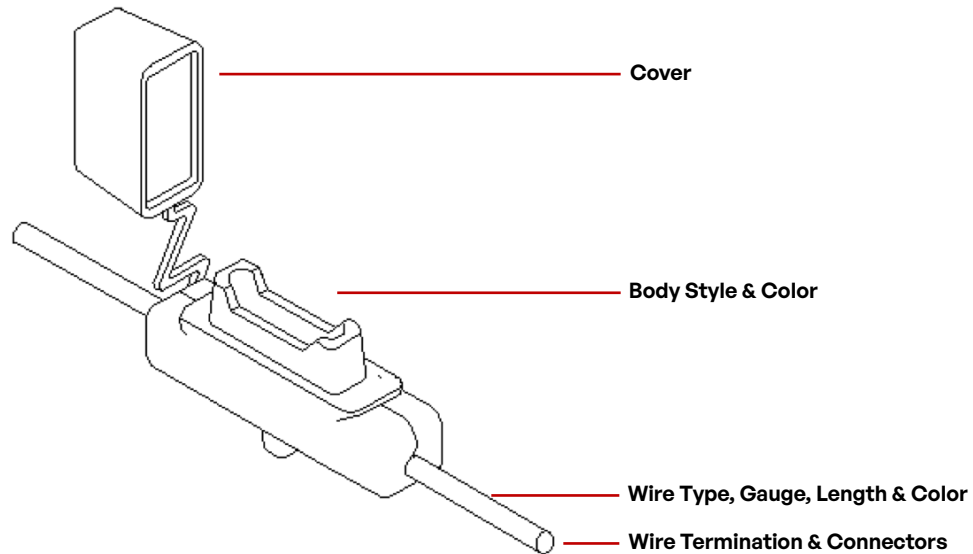


In-Line Fuse Holder Customization Guide

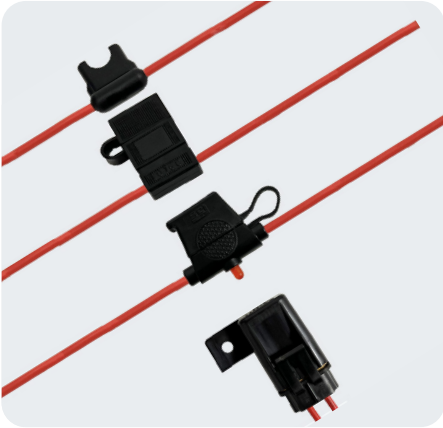


In-line fuse holders are designed to make mounting fuses painless and easy in a variety of applications. Often used as a part of a wire harness assembly, they are ideal for applications in which no surface is available to secure another type of fuse mount. They are commonly utilized to protect individual electrical accessories in applications such as trucks, vans, boats, construction equipment, utility vehicles and RVs. With a build designed to withstand harsh environments, they are also used in off-road vehicles and other applications that experience rough conditions.

Every application is different and virtually every installation requires a certain amount of additional work to properly install the fuse and/or fuse holder. A custom fuse holder eases the installation and provides a cost-effective solution as compared with the added installation costs.

At OptiFuse, we offer several customization options for in-line fuse holders, letting you build the exact product that you want and need. Choose the body style and color. Different wire types and terminations are available, and we offer multiple wire colors, gauges and lengths. Additionally, a preinstalled fuse can be delivered with the fuse holder.

Body Styles



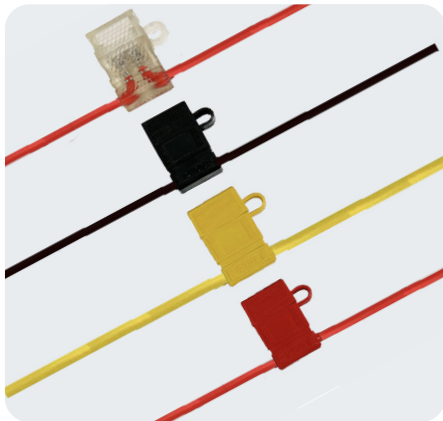
We offer different body styles and body sizes for all blade fuse sizes.

Snap-on covers include splash proof or water-resistant styles that help protect the fuse from water, dust, moisture, and other airborne pollutants. With ratings up to IP67, these make ideal options for both automotive and marine applications.

The body material of in-line fuse holders is normally a PVC plastic rated at 85°C but it can be upgraded to higher temperature material to meet diverse applications.

OptiFuse in-line fuse holders also are also available with an LED indication to pinpoint when a particular fuse needs replacement.

Body Color



The body color of in-line fuse holders is normally black but many other colors, including clear, yellow, green, and white can be ordered if desired.

Wire Type

The standard wire type used in OptiFuse in-line fuse holders is rated for general purpose automotive applications from -40°C to +80°C (GPT type) and conforms to SAE J-1128 standards. This wire is typically a stranded Cu / Sn clad.

Additional wire types may be requested by customers, such as wires made of pure copper or of high-temperature material.

Wire Gauge

Several wire gauges are available with most in-line fuse holder models, provided that the gauge is within the limits of the mold and current capacity of the holder.

AWG WIRE SIZE CHART
Circles indicate actual diameter of wire please



Wire Length

Most in-line fuse holders come standard with either a 12" loop of wire or a 6" cut on each side. However, if a non-standard wire length is required and the length is known, then a custom wire length can be ordered, eliminating the need of using a "butt splice" connector to add more length to the wire later.

Wire Color



Most standard colors are available. Customizing colors lets you design a color-coded circuit protection strategy to make it easy to identify which fuse holder protects which application.

Wire Termination & Connectors

Typically, in-line fuse holders are stripped of insulation at 0.500 an inch. The wire, upon request, can also be tinned or left with the insulation uncut.

OptiFuse in-line fuse holders normally do not come standard with any connectors added. However, connectors can be installed directly on to the fuse holder at the factory upon request. Connectors can help when additional wire length which might be needed. For example, if a standard in-line fuse holder with a 6 -inch wire might later need another 6 feet of wire on one side, a "butt splice" connector would make that easier to add.