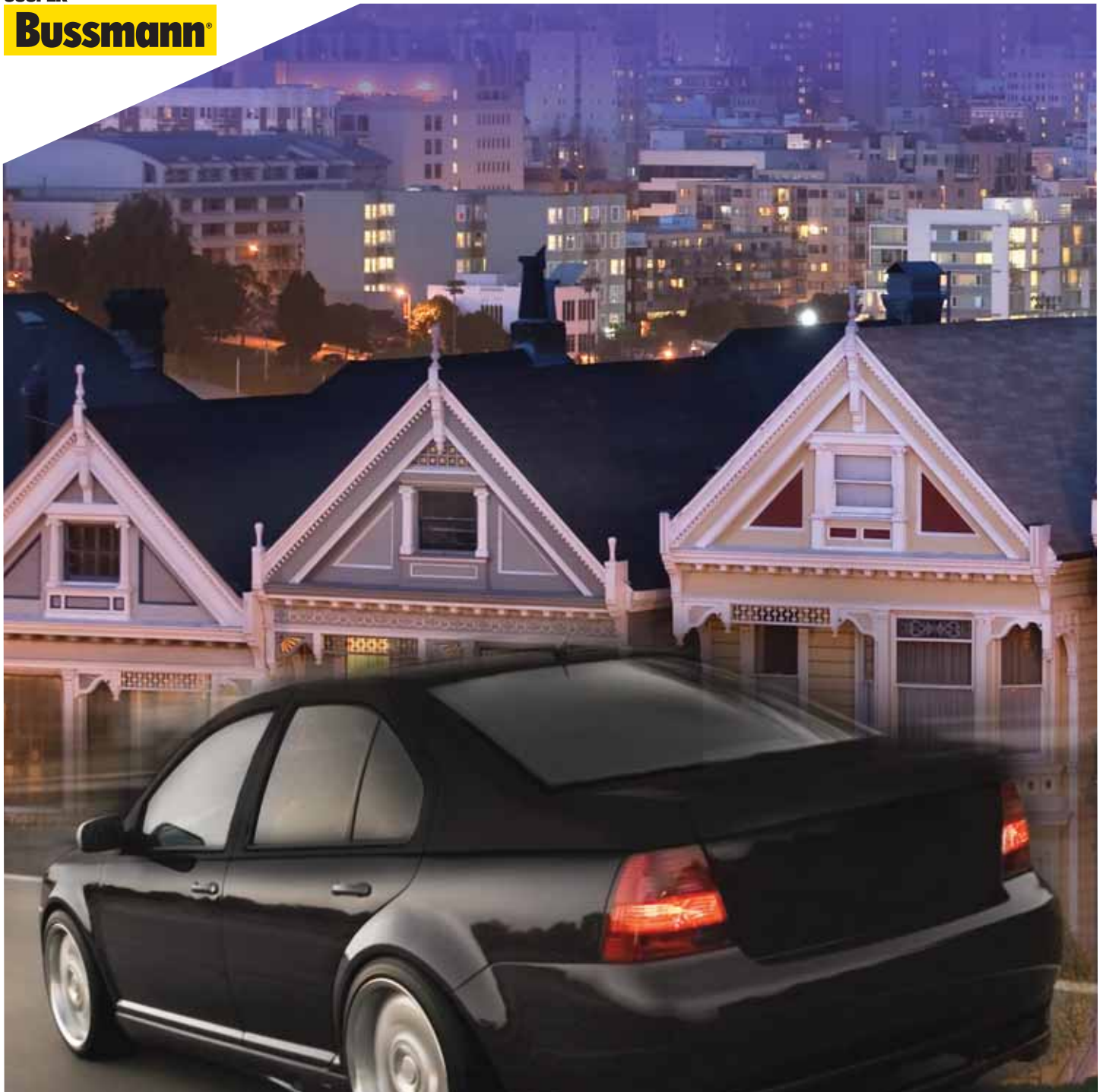


COOPER

Bussmann®



Consumer Aftermarket Product Catalog

Automotive Flashers

Automotive Flashers

Cooper Bussmann offers a complete line of flashers for a wide variety of applications. All Cooper Bussmann flashers meet SAE standards and other applicable state and federal guidelines.

To select the proper replacement flasher, match these three specifications:

- Specific vs. Variable load. Specific load flashers are designed to flash only a certain number of lamps. Variable load flashers can handle a range of amps, such as is required with a trailer in tow.
- Lamp capacity. Designates the total number of lamps in the circuit for the left or right directional signal.

Thermal and Electronic 12 and 24 Vdc Flashers

Part No.	Blister Pack	Tri-Lingual Blister	Type	Terminals	Volts	Amps	Number of Bulbs
NO.535			Thermal	3	6	5.2	2-6
NO.550	X	X	Thermal	3	12	12.8	2-6
NO.552	X		Thermal	2	12	12.8	2-6
NO.575	X		Thermal	2	12	12.8	1-8
NO.577	X		Thermal - <i>Extra Loud</i>	2	12	4	2-6
NO.243			Heavy-duty electronic	2	12	25	12
NO.244			Heavy-duty electronic	3	12	25	12
NO.246			Heavy-duty electronic	3	12	25	*
NO.726	X		Heavy-duty electronic	4	12	12.6	2-4
NO.727	X		Heavy-duty electronic	5	12	12.6	2-4
NO.756	X		Heavy-duty electronic	3	12	12.6	2-6
NO.757	X		Heavy-duty electronic	3	12	12.6	2-6
NO.758	X		Heavy-duty electronic	3	12	12.6	2-6
NO.759	X		Heavy-duty electronic	3	12	12.6	3-6
NO.760	X		Heavy-duty electronic	3	12	12.6	2-6
NO.761	X		Heavy-duty electronic	3	12	12.6	2-6
NO.762	X		Heavy-duty electronic	4	12	12.6	3-6
NO.763			Heavy-duty electronic	2	12	12	16
NO.764			Heavy-duty electronic	2	12	12	20
NO.850			Heavy-duty electronic	3	12	25	10HZ/5TS
NO.852			Heavy-duty electronic	2	12	35	16HZ/8TS
NO.232	X	X	Super-duty electronic	2	12	20	1-10
NO.233	X		Super-duty electronic	3	12	20	1-10
NO.234			Super-duty electronic	3	24	20	1-10

* Alternating

- Number of terminals. Select either a two or three blade flasher, to match the socket in the panel.

Thermal Flashers

- Uses heat build-up to flash circuit on and off.
- Features an audible click, alerting driver that a directional signal is engaged.
- Generally used in older model year vehicles.
- Operates correctly under variable load – flashing the designated vehicle lamps only; or additional lamps when a trailer is in tow.
- Does not indicate lamp outage.

Heavy-Duty Electronic Flashers

- These flashers rely on electronic circuitry - not heat - to operate. Excellent performance in extreme climates.
- Original equipment on many late-model cars and light trucks - both domestic and imported.
- Direct plug-in replacement. No adapter required.
- Flashes at twice the normal speed to indicate lamp outage, and features an audible click when engaged.
- Electronic design provides superior service life.

Super Heavy-Duty Electronic Flashers

- Provides variable load functionality in heavy-duty applications.
- Replacement flasher for domestic cars, light trucks and vans.
- Electronic design provides superior service life.

Troubleshooting Guide

Flashers and lamps are the source of most problems with directional signals, but many other conditions can cause malfunctions, too; loose or corroded connections; inadequate grounding of the turn signal switch; worn turn signal lever, etc.

Symptom	Solution
• Signal lamps light, but don't flash	• Check and/or replace flasher
• Signal lamps do not operate on either side of vehicle	• Check and/or replace fuse
• Both signal lamps are out on one side of vehicle	• Check for bad lamps • Check grounding and wiring from turn signal lever
• One signal lamp is out on one side of vehicle	• Check and/or replace lamp
• Signal lamp flashes too rapidly on one side of vehicle	• Check and/or replace lamps • Check whether the proper lamp is installed (A heavy-duty lamp in a standard circuit will flash too rapidly.)
• Signal lamp flashes too slowly on one side of vehicle	• Check whether the proper lamp is installed (A standard lamp in a heavy-duty circuit will flash too slowly)

Automotive Flashers

Thermal



NO.535



NO.550



NO.552



NO.575



NO.577
Extra Loud

Heavy-Duty Electronic



NO.243



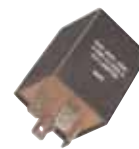
NO.244



NO.246



NO.726



NO.727



NO.756, 757,
758, 759, 760



NO.761



NO.762



NO.763 & 764



NO.850



NO.852

Super-Duty Electronic



NO.232



NO.233



NO.234