

1100 Series Transistorized Flashers

Heavy-duty solid-state flasher systems built for extreme reliability

The 1100 Series is a field-proven solid state flasher module engineered for long-life performance in demanding environments. Designed for trucks, buses, emergency vehicles, and industrial equipment, this heavy duty flasher relay delivers consistent, load-independent operation while protecting critical electrical systems from voltage spikes, reverse polarity, and harsh operating conditions.

Unlike traditional mechanical units, this electronic flasher vs mechanical relay solution eliminates moving parts entirely, removing the most common failure point. The result is a reliable turn signal flasher for trucks and fleet vehicles that performs consistently over millions of miles.

Built for Real-World Conditions

From fleet vehicle lighting flasher applications to construction equipment lighting flasher systems, the 1100 Series is engineered to perform where others fail. Its solid-state design maintains a stable flash rate regardless of load, making it an ideal load independent flasher relay for modern and legacy systems alike.

The unit is housed in a rugged, weatherproof enclosure (plastic or metal), built to withstand vibration, moisture, and extreme environments. With protection against voltage transients up to 450–500V, it functions as a true vibration resistant flasher relay suited for both commercial and military applications.

Performance You Can Rely On

Rated for up to 30A at 12.8V DC, the 1100 Series supports up to twelve 32-candlepower lamps and is available in both 12V 24V flasher relay heavy duty configurations. Standard 3-inch mounting centers and compatibility with existing connectors make it a seamless solid state automotive relay replacement for aging mechanical systems.

Compliance with SAE J590C, J945, and FMVSS 108 ensures this commercial vehicle flasher relay meets industry standards across transportation sectors.

Applications Across Industries

Whether used as an emergency vehicle flasher module, a bus and transit flasher system, or in delivery fleets and off-highway equipment, the 1100 Series is designed for continuous operation in mission-critical environments. It is also available in specialized configurations, including alternating flasher relay for lights and 3 prong flasher relay with pilot light options for more advanced signaling requirements.

1100 Series Still Delivering

Mechanical flashers fail under vibration, suffer from inconsistent flash rates, and degrade over time. The 1100 Series solves these issues with a military grade flasher relay design that has been proven across decades of real-world use.

It remains the preferred choice for OEMs and fleet operators seeking a dependable, long-life truck turn signal flasher replacement that integrates easily and performs without compromise.

Example Product: 1100-2 Solid-State Flasher (Plastic Housing)

The 1100-2 is a 2-prong industrial flasher relay system designed for standard heavy-duty applications. It offers the same solid-state reliability and protection features as the full series, with a direct-fit design for quick replacement in fleet and commercial vehicles.

Find the Right Configuration

Each model in the 1100 Series is built to solve a specific need:

- 1100-2 – Standard 2-prong applications
- 1100-3 – Systems requiring a pilot indicator
- 1100-3A – Alternating flash patterns for emergency vehicles

Models:

Model	Terminals	Use Case
1100-2	2-prong	Standard applications
1100-3	3-prong	Pilot indicator
1100-3A	Alternating	Emergency vehicles

Flasher Part Numbers

- 1000-38 – Flasher, HD Solid State E9308M
- 1000589 – Flasher, Solid State 12V 5A
- 1000B-1 – Flasher, Solid State 12 Volt 20A

1100 Series – Transistorized Flashers

- 1100-2 – Flasher, Transistorized, H.D.
- 1100-2-43 – Flasher, Transistorized, HD
- 1100-2-F2 – HD, Transistorized Flasher
- 1100-2LAS – Flasher, Transistorized, HD LED Version
- 1100-2P – HD, Transistorized Flasher
- 1100-2WS – HD, Transistorized Flasher / WS
- 1100-3 – Flasher, Transistorized, H.D.
- 1100-3-F2D – HD, Transistorized Flasher 12V
- 1100-3A – Flasher, Transistorized, H.D.
- 1100-3A-F2 – Flasher, Transistorized, H.D.
- 1100-3P – HD, Transistorized Flasher
- 1100-4A – Flasher, Transistorized, HD

1100S Series

- 1100S-2 – Flasher, Transistorized, H.D.
- 1100S-2-24 – Flasher, Transistorized, H.D.
- 1100S-2WS – HD, Transistorized Flasher
- 1100S-3A – HD, Transistorized Flasher
- 1100S-3A-24 – HD, Transistorized Flasher

- 1100S-4 – Flasher, Transistorized, HD
- 1100S-5 – Flasher, 24V Filament and LED

1310 Series – 24V Flashers

- 1310915 – Flasher, 24V Filament and LED
- 1310916 – Flasher, 24V Filament and LED
- 1310917 – Flasher, 24V Dual Truck-Lite
- 1310918 – Flasher, HD Solid State

Other

- 2160 – ASM, Flasher PC Board & Housing E86560

Connect With Our Team

Request specifications or speak with an engineer to find the right heavy duty flasher relay for your application.

Ideal for fleet operators needing a low-maintenance, long-life replacement for traditional mechanical flashers.