

Turn Signal/Hazard Flasher, Solid State

#ETTS00-P

- 100% Solid State, potted design for long-lasting, reliable performance
- For use with 12 Vdc ground side switched vehicles
- Flashes @ constant 1.5 f.p.s. (flashes per second) rate
- Can be installed to function as a Turn Signal flasher or as a Hazard light flasher
- Maximum of 8 - 32 watt lights (per side)



3.2" (81 mm) L x 2.2" (56 mm) H x 2.8" (71 mm) W
Mounts on 1.4" (36 mm) centers
16" (41 cm) wires

Taillight Flasher, Solid State

Flashback™ Alternating: #ETFBSSN-P
with AMP Connector: #ETFBSAN-P
with Fleet Harness: #ETFBSANFL



- 12 wire module with isolating diodes for the reverse wire that is required for many new cars & trucks
- For use with vehicles that have the negative post of the battery connected to the chassis of the vehicle
- Provides an additional output for deck lights
- Alternating red & white light creates an effective rear warning signal to greatly reduce rear end collisions
- 100% Solid State, potted design for long-lasting, reliable performance



4.7" (12 cm) L x 2" (51 mm) H x 0.7" (18 mm) D
Mounts on 4" (10 cm) centers
18" (46 cm) wires

Taillight Flasher, Relay

Flashback™ Alternating: #ETFB00-P
with Amp Connector & Fleet Harness: #ETFBFLEE

- Flashes taillights @ 2.4 f.p.s.
- Alternately flashes the brake lights and the reverse lights at 2.4 f.p.s.
- Built-in diodes provide isolation protection for the vehicle's electrical system



3.2" (81 mm) L x 2.2" (56 mm) H x 2.8" (71 mm) W
Mounts on 1.4" (36 mm) centers
16" (41 cm) wires

Flash Patterns

Cycle Flash: Multi-pattern cycles through three double alternating & 2-simultaneous patterns.

Double Flash: Fast double flash alternating @ 3.0 f.p.s.

ETM™: Fast simultaneous flash @ 3.6 f.p.s.

Flashback™: Alternates lower brake lights against reverse lights @ 2.6 f.p.s.

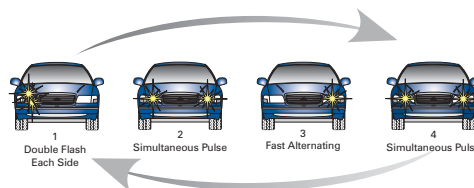
PowerPulse™: Fast alternating pattern @ 3.0 f.p.s.

RoadRunner™: Slow alternating pattern @ 1.9 f.p.s.

Single Flash: Slow alternating flash pattern at 55 f.p.m.

Q-Switch™: Cycles through 3 flash patterns:
Double Flash Alternating, Fast Simultaneous Pulse & Fast Alternating @ 1.9 to 3.0 f.p.s.,
pattern repeats every 5.4 seconds

Q-Switch™ Flash Pattern



Vehicle Compatibility Chart @ www.soundoffsignal.com, search for "Compatibility Chart".
Many other Flasher models available, see Price Guide or website for more products & information.

SELECT-A-PATTERN TECHNOLOGY

Headlight Flasher, Solid State

Select-A-Pattern™ Technology

18" wire leads	#ETHFSS-SP
Weather Seal Connector	#ETHFSS-SPWS
18" wire leads, Single Pattern	#ETHFSS-CHP
AMP Connector	#ETHFSS-SPA
Heavy Duty model (14 amp).....	#ETHDSS-SP
Amp Connector & Harness (14 amp).....	#ETHFSS-SPFL
Heavy Duty w/ AMP Connector (14 amp)	#ETHDSS-SPA
Heavy Duty w/ AMP Connector & Harness (14 amp)	#ETHDSS-SPFL
DRL compatible model (12v).....	#ETHFSS-SP-CMP
Isolation model (12v).....	#ETHFSS-SP-ISO

- Ideal flasher for most "big 3" car models - designed for 2 to 4 headlight positive side switched headlight systems
- Great for motorcycles with positive side switched headlight systems
- Select-a-Pattern Technology w/ 7 user selectable flash patterns: PowerPulse™, RoadRunner™, ETM, Cycle Flash, Q-Switch, Single Flash or Double Flash Alternating
- Built-in shutdown features include protection against: short circuit, over current, over voltage, under voltage, over temperature & reverse polarity
- Durable & non-corrosive ABS plastic housing
- 100% Solid State, potted design for long-lasting, reliable performance



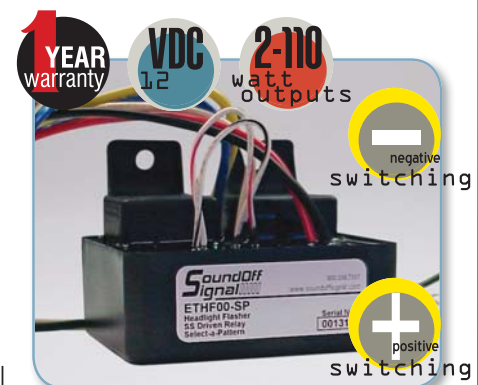
4.7" (12 cm) L x 2" (51 mm) H x 0.7" (18 mm) D
Mounts on 4" (10 cm) centers
18" (46 cm) wires

SELECT-A-PATTERN TECHNOLOGY

Headlight Flasher, Relay

Select-A-Pattern™ Technology #ETHF00-SP

- Operates a 2 or 4 headlight system on positive or ground side switched vehicles
- 3 user selectable Flash Patterns: RoadRunner™, PowerPulse™ & Double
- When used at night, the low beam headlights remain ON for proper illumination while the high beams flash
- Built-in high beam override interrupts the flasher sequence to allow normal high beam function & flasher automatically resumes when the dimmer switch is deactivated



3.2" (81 mm) L x 2.2" (56 mm) H x 2.8" (71 mm) W
Mounts on 1.4" (36 mm) centers
16" (41 cm) wires

Headlight Flasher, Relay #ETRR00-P

with Amp Connector & Fleet Mating Harness: RoadRunner flash pattern #ETRRFLEE, Q-Switch flash pattern #ETQSFLEE

- Installs into 2 or 4 headlight positive side switched systems
- When used at night, the low beam headlights remain ON for proper illumination while the high beams flash
- Built-in high beam override interrupts the flasher sequence to allow normal high beam function & flasher automatically resumes when the dimmer switch is deactivated



3.2" (8 cm) L x 2.8" (71 mm) W x 2.2" (56 mm) D
Mounts on 1.4" (36 mm) centers
16" (41 cm) wires

Deck/Grille Light Flasher, Solid State

For Halogen, Strobe or LED Lights #ETDGSS-P

- Works with ground or positive side vehicles
- Alternates auxiliary deck/grille lights @ 2.4 f.p.s.
- Rated "Heavy Duty" at 100 watts (8 amps) per output
- May also be used for a pair of halogen or LED deck/grille lights
- 100% Solid State flasher

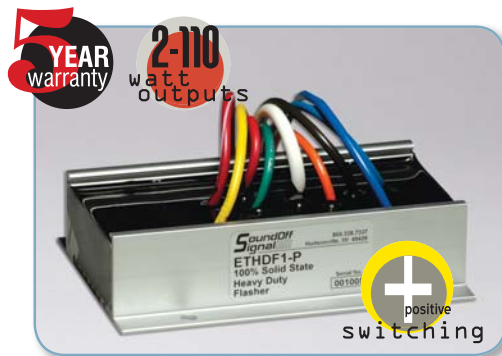


2" (51 mm) L x 3.5" (89 mm) W x 1.2" (30 mm) D
Mounts on 3" (76 mm) centers
16" (41 cm) wires

Heavy Duty Flasher, Solid State

Positive Side Switched, Alternating #ETHDF1-P

- Installs into positive side switched headlight systems
- RoadRunner™ flash pattern (slow alternating @ 1.9 f.p.s.)
- Rated "Heavy Duty" at 100 watts (8 amps) per output
- Great for railroad, wrecker and emergency vehicles



5" (13 cm) L x 3.5" (89 mm) W x 1.2" (31 mm) H
Mounts on 3" (8 cm) centers
8" (20 cm) wires

15 Amp Extra Duty Flasher, Solid State

Positive Side Switched #ETAF15-P

- Installs into positive side switched headlight systems
- RoadRunner™ flash pattern (slow alternating @ 1.9 f.p.s.)
- Rated "Extra Duty" at 190 watts (15 amps) per output
- 2 - 190 watt outputs



5" (13 cm) L x 3.5" (89 mm) W x 1.2" (31 mm) H
Mounts on 3" (8 cm) centers
8" (20 cm) wires

Alt Alert, Solid State #EAA000-P

with Deutsch Connector: #EAA000-P2

- Designed to warn the vehicle operator if the electrical systems voltage range is out of its safe operating range; if the vehicle's voltage fall below 11.80 volts for more than 7 seconds or if it exceeds 15.50 volts, Alt Alert will show an indicator light or a warning buzz
- Automatic Reset - resumes monitoring when electrical system returns to normal operating range
- 60 cycle pulse rated @ 1 amp max



3" (76 mm) L x 1.5" (38 mm) W x 1" (25 mm) H
Mounts on 4" (10 cm) centers
8" (20 cm) wires