Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Littelfuse
Expertise Applied | Answers Delivered

FS200 SERIES

Description

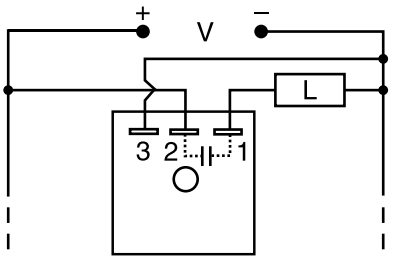
The FS200 Series may be used to control inductive, incandescent, or resistive loads. Factory fixed flash rate of 45 or 90 FPM or may be ordered with a fixed custom flash rate ranging from 10 to 180 FPM. Encapsulation provides protection against shock, vibration, and humidity. Uniform performance, high inrush current capability, and low RFI, make this series ideal for general industrial applications.

Operation

Upon application of input voltage, the T2 OFF time begins. At the end of the OFF time, the T1 ON time begins and the load energizes. At the end of T1, T2 begins and the load de-energizes. This cycle repeats until input voltage is removed.

Reset: Removing input voltage resets the output and the sequence to T2.

Wiring Diagram



V = Voltage
L = Load

Features & Benefits

FEATURES	BENEFITS
3A steady, 30A inrush, SPST output contact	Provides direct control of inductive, incandescent, or resistive loads
Totally solid state and encapsulated	No moving parts to arc and wear out over time and encapsulated to protect against shock, vibration, and humidity
High inrush current capability and low RFI	Ideal for general industrial applications

Ordering Information

MODEL	INPUT	RATING	FLASH RATE
FS219-45	12VDC ± 20%	3A	45 FPM
FS224	24VDC ± 20%	3A	90 FPM

If you don't find the part you need, call us for a custom product 800-843-8848

Accessories

P1023-6 Mounting bracket
The 90° orientation of mounting slots makes installation/removal of modules quick and easy.

P1015-64 (AWG 14/16)
Female Quick Connect
These 0.25 in. (6.35 mm) female terminals are constructed with an insulator barrel to provide strain relief.

P1015-18 Quick Connect to Screw Adapter
Screw adapter terminal designed for use with all modules with 0.25 in. (6.35 mm) male quick connect terminals.

C103PM (AL) DIN Rail
35 mm aluminum DIN rail available in a 36 in. (91.4 cm) length.

P1023-20 DIN Rail Adapter
Allows module to be mounted on a 35 mm DIN type rail with two #10 screws.

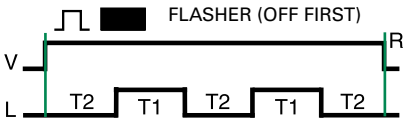
Littelfuse
Expertise Applied | Answers Delivered

FS200 SERIES

Specifications

Technical Data	
Operation	OFF/ON solid-state flasher (continuous duty)
Flash Rate	Fixed at 90 FPM ±10%
Custom Flash Rate	10 - 180 FPM
ON/OFF Ratio	≅ 50%
Input	
Voltage	12, 24, 36, 48, or 110VDC
Output	
Load Type	Inductive, resistive, or incandescent
Maximum Load Rating	0.25 - 3A steady state
OFF State Leakage Current	
12 & 24VDC	≤ 250 µA
Inrush	10 times steady state current
Mechanical	
Mounting	Surface mount with one #10 (M5 x 0.8) screw
Dimensions	**H** 50.8 mm (2"); **W** 50.8 mm (2"); **D** 30.7 mm (1.21")
Termination	0.25 in. (6.35 mm) male quick connect terminals
Protection	
Circuitry	Encapsulated
Environmental	
Operating/Storage Temperature	-20° to 60°C / -40° to 85°C
Weight	≅ 2.2 oz (62 g)

Flasher Function Diagram



V = Voltage
R = Reset
L = Load
T1 = ON Time
T2 = OFF Time
T1 ≅ T2