DC Flasher
FS200 Series
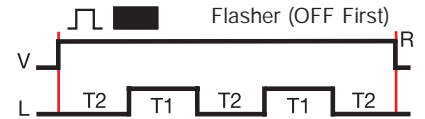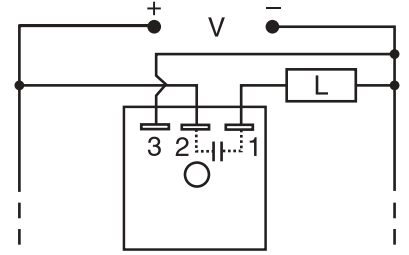# Solid State Flasher

TEN YEAR WARRANTY 10

- Fixed at 90 Flashes per Minute
- Custom Flash Rate 10 ... 180 F.P.M.
- 3 A SPST Output
- 12 ... 110 V DC Input Voltages
- Totally Solid State--Encapsulated
- 0.25 in. (6.35 mm) Male Quick Connects

Description

The FS200 Series may be used to control inductive, incandescent, or resistive loads. Input voltages of 12, 24, 36, 48, or 110 V DC are available. Factory fixed flash rate of 90 flashes per minute or may be ordered with a fixed custom flash rate ranging from 10 ... 180 flashes per minute. Encapsulation provides protection against shock, vibration, and humidity. Uniform performance, high surge 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.

Flasher (OFF First)
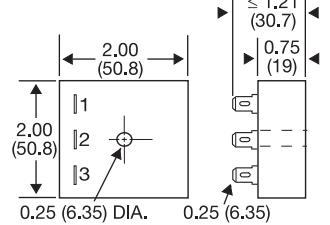
V = Voltage   R = Reset   L=Load
T1 = ON Time   T2 = OFF Time

Input	Rating	Package	Part Number
12 V DC +/-20%	3 A	Quick Connect	FS219
24 V DC +/-20%	3 A	Quick Connect	FS224
36 V DC +/-20%	1 A	Quick Connect	FS236
48 V DC +/-15%	0.75 A	Quick Connect	FS248
110 V DC +/-15%	0.25 A	Quick Connect	FS290

Technical Data

Specifications

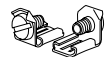|	
Mode of Operation	OFF/ON solid state flasher for continuous duty
Input Voltage	12, 24, 36, 48, or 110 V DC
Flash Rate	Factory Fixed at 90 flashes per minute +/-10%
ON/OFF Ratio	≅ 50%
Load Type	Inductive, resistive, or incandescent
Maximum Load Rating	0.25 ... 3 A steady state
Inrush	10 times steady state current
Custom Flash Rate	Available from 10 ... 180 flashes per minute
Circuitry	Encapsulated
Mounting	Surface mount with one #10 (M5 x 0.8) screw
Package	2 x 2 x 1.21 in. (50.8 x 50.8 x 30.7 mm)
Termination	0.25 in. (6.35 mm) male quick connect terminals
Operating Temperature	-20°C ... +60°C
Storage Temperature	-40°C ... +85°C
Weight	≅ 2.2 oz (62 g)

Inches (Millimeters)
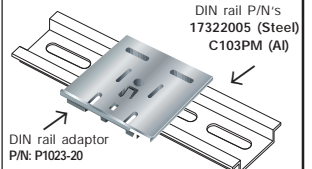

Accessories

Female quick connect
P/N: P1015-64 (AWG 14/16)

Quick connect to screw adaptor
P/N: P1015-18

Mounting bracket
P/N: P1023-6

DIN rail adaptor
P/N: P1023-20

DIN rail P/N's
17322005 (Steel)
C103PM (Al)

See accessory pages at the end of this section.