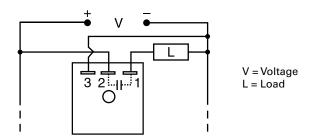
# **FS200 SERIES**





#### Wiring Diagram



# **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

### **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.

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.

#### **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	

#### **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 guick 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.

# **Flashers and Tower Lighting Controls**

Flashers



# **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

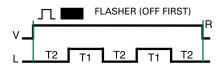
**Environmental** 

Operating/Storage

-20° to 60°C / -40° to 85°C **Temperature** 

Weight  $\approx 2.2 \text{ oz } (62 \text{ g})$ 

### **Flasher Function Diagram**



V = VoltageR = Reset L = LoadT1 = ONTimeT2 = OFFTime T1 ≅ T2