



# QFS SERIES DC FLASHER

P.O. Box 2956 • Syracuse • New York • 13220  
 Phone: (315) 433-1150 Fax: (315) 433-1521  
 Toll Free US & Canada: (800) 334-0837  
 Email: sales@infitec.com

## FEATURES

- C/MOS Digital Circuitry
- Fully Solid State
- 2 Terminal, In-Line Connection
- Flash Rates Up To 180 Flashes Per Minute
- For Incandescent & Resistive Loads
- Output Ratings From 0.25 to 2.5 Amperes (See Input Voltage)
- Totally Encapsulated to Withstand Harshest Environments
- UL/cUL Pending

## SPECIFICATIONS

### 1. Input

- 1.1 Operating Voltage: 12, 24, 36, 48, 72, & 110 VDC
- 1.2 Tolerance:  $\pm 15\%$  of Nominal

### 2. Output

- 2.1 Type: Solid State
- 2.2 Rating: QFS12 = 2.5 Amperes  
 QFS24 = 1.5 Amperes  
 QFS36 = 1 Ampere  
 QFS48 = 0.75 Amperes  
 QFS72 = 0.5 Amperes  
 QFS110 = 0.25 Amperes

- 2.3 Load Type: Incandescent or Resistive

### 3. Flash Rate

- 3.1 Standard FPM: 1 to 180  $\pm 10\%$  At Nominal Operating Voltage (See Ordering Info)
- 3.2 ON / OFF Ratio: Approximately 50%

### 4. Mechanical

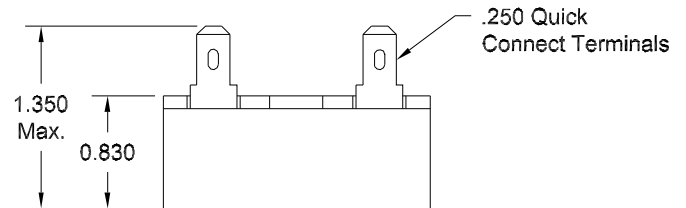
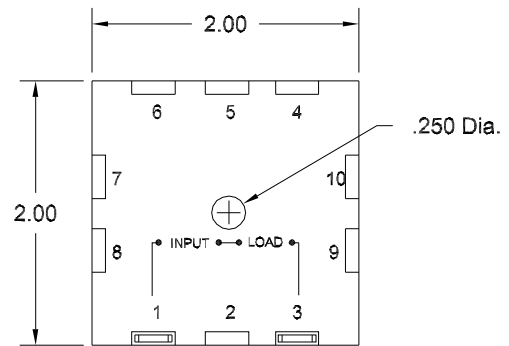
- 4.1 Mounting: One #8 or #10 Screw
- 4.2 Termination: 1/4" Quick Connect Terminals
- 4.3 Style: Surface Mount Encapsulated

### 5. Environmental

- 5.1 Operating Temperature:  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- 5.2 Storage Temperature:  $-30^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- 5.3 Humidity: 95% Relative Non-Condensing



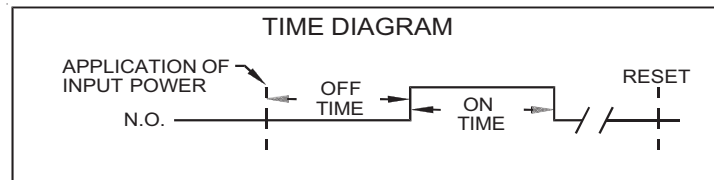
## DIMENSIONS



## MODE OF OPERATION

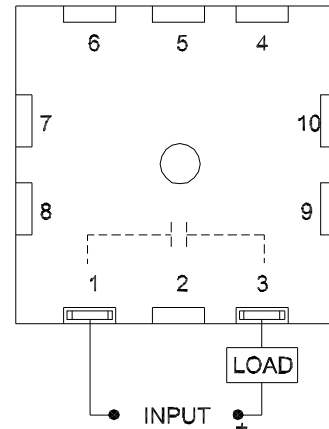
### OFF/ ON FLASHER

Upon application of power and with the load in place, the output will cycle OFF and ON at its fixed flash rate. To reset, remove power.



## SERIES

## CONNECTION DIAGRAM



## ORDERING INFORMATION

SERIES	INPUT VOLTAGE	FLASHRATE (FPM)
QFS	12 - 12 VDC 24 - 24 VDC 36 - 36 VDC 48 - 48 VDC 72 - 72 VDC 110 - 110 VDC	1 to 180