

Flasher - Relay Output FS500 Series Solid State Flasher



Description

The FS500 Series flash rate is adjustable from 10 to 100 flashes per minute. A locknut is provided to hold selected flash rate. The long-life electronic circuit combined with a quality electromechanical relay provides flexibility and reliability in most applications.

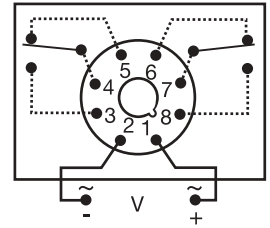
Operation

Upon application of input voltage, the output relay is energized and the ON time begins. At the end of the ON time, the output relay de-energizes and the OFF time begins. At the end of the OFF time, the output is energized and the cycle repeats as long as input voltage is applied.

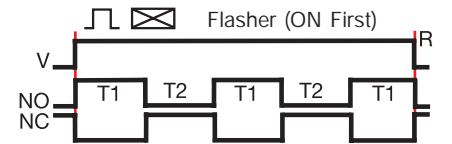
Reset: Removing input voltage resets the output and the sequence.

- Solid State Circuitry--Relay Output
- Industrial Standard Octal Plug-in
- Adjustable Flash Rate 10 ... 100 FPM
- 10 A DPDT Output Contacts

■ Approvals: (some models)



Dashed lines are internal connections.



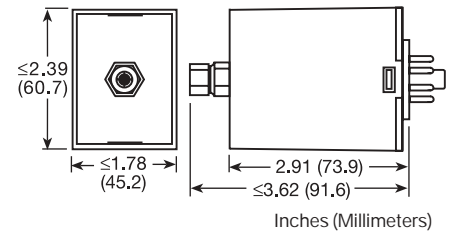
V = Voltage R = Reset
T1 = ON Time T2 = OFF Time
NO = Normally Open NC = Normally Closed

Input	CSA	Part Number
12 V DC	*	FS512
24 V AC/DC	*	FS524
120 V AC/DC	*	FS590
230 V AC		FS599

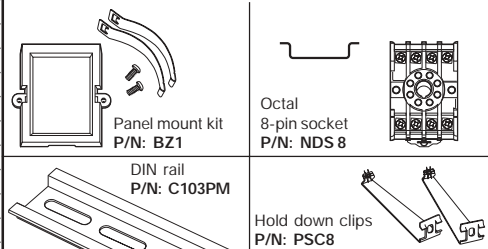
Technical Data

Specifications

Mode of Operation	ON/OFF recycling flasher with adjustable flash rate
Input Voltage	12 V DC, 24 V AC/DC, 120 V AC/DC, 230 V AC
Tolerance	12 V DC & 24 V DC/AC: -15% ... +20% 120 ... 230 V AC/DC: -20% ... +10%
Frequency	50 ... 60 Hz
Flash Rate	Adjustable from 10 ... 100 operations per minute (guaranteed range)
ON/OFF Ratio	≅ 50%
Output	DPDT, 10 A resistive at 240 V AC; 7.5 A incandescent/inductive at 240 V AC
Mounting	Plug-in socket
Termination	8 pin Octal plug
Operating Temperature	-20° ... +60°C
Weight	≅ 5.8 oz (164 g)



Accessories



See accessory pages at the end of this section.