

Flasher - Relay Output

FS500 Series

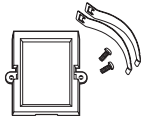
Solid State Flasher



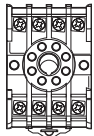
- Solid State Circuitry--Relay Output
- Industrial Standard Octal Plug-in
- Adjustable Flash Rate 10 ... 100 FPM
- 10 A DPDT Output Contacts

Approvals:  (some models)

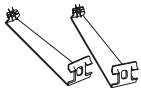
Accessories



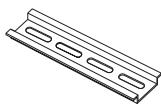
Panel mount kit
P/N: **BZ1**



Octal 8-pin socket
P/N: **NDS-8**



Hold down clips
P/N: **PSC8**



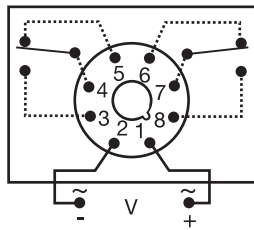
DIN rail P/Ns:
017322005 (Steel)
C103PM (Al)

See accessory pages for specifications.

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.

Connection



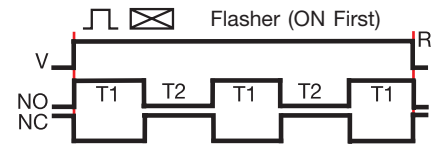
Dashed lines are internal connections.

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.

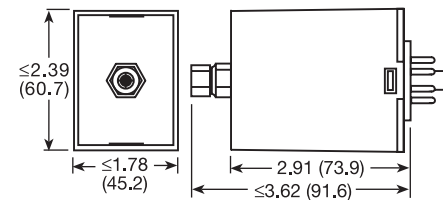
Reset: Removing input voltage resets the output and the sequence.

Function



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

Mechanical View



Inches (Millimeters)

6

Ordering Table

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
Flash Rate

ON/OFF recycling flasher with adjustable flash rate
Adjustable from 10 ... 100 operations per minute
(guaranteed range)
≅ 50%

ON/OFF Ratio

Input

Input Voltage
Tolerance
Frequency

12 V DC, 24 V AC/DC, 120 V AC/DC, 230 V AC
-15% ... +20%
-20% ... +10%
50 ... 60 Hz

Output

Type
Rating

Electromechanical relay DPDT
10 A resistive at 120/240 V AC & 28 V DC;
1/3 hp at 120/ 240 V AC

Mechanical

Mounting
Termination

Plug-in socket
8 pin Octal plug

Protection

Isolation Voltage
Polarity

≥ 1500 V RMS input to output
DC units are reverse polarity protected

Environmental

Operating/Storage Temperature
Weight

-20° ... +60°C / -30° ... +85°C
≅ 5.8 oz (164 g)

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