

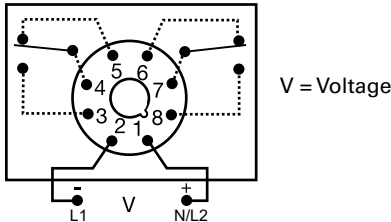
FS500 SERIES

CE 
*(some models)



8-PIN

Wiring Diagram



Ordering Information

MODEL	INPUT VOLTAGE
FS512	12VDC
FS524	24VAC/DC
FS590	120VAC/DC

If you don't find the part you need, call us for a custom product 800-843-8848

Description

The FS500 Series flash rate is adjustable from 10 to 100 FPM. 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.

Features & Benefits

FEATURES	BENEFITS
Solid-state circuitry with electromechanical relay	Long life circuitry at a reliable low cost
Industry standard octal plug connection	Eliminates need for special connectors
Adjustable flash rate	Provides flexibility for user to select flash rate between 10 - 100 FPM
10A, DPDT isolated output contacts	Allows control of loads for AC or DC voltages

Accessories



BZ1 Front Panel Mount Kit

Provides an easy method of through-the-panel mounting of 8- or 11-pin plug-in timers, flashers, and other controls.



NDS-8 Octal 8-pin Socket

8-pin 35mm DIN rail or surface mount. Surface mounted with two #6 screws or snaps onto a 35 mm DIN rail. Uses PSC8 hold-down clips.



PSC8 Hold-down Clips

Securely mounts plug-in controls in any position. Provides protection against vibration. Use with NDS-8 Octal Socket. Sold in pairs.



C103PM (AL) DIN Rail

35 mm aluminum DIN rail available in a 36 in. (91.4 cm) length.

FS500 SERIES

Specifications

Technical Data

Operation

ON/OFF recycling flasher with adjustable flash rate

Flash Rate

Adjustable from 10 - 100 operations per minute (guaranteed range)
≈ 50%

ON/OFF Ratio

Input

Input Voltage

12VDC, 24VAC/DC, 120VAC/DC, 230VAC

Tolerance

12VDC & 24VDC/AC

-15% - 20%

120VAC/VDC & 230VAC

-20% - 10%

AC Line Frequency

50/60Hz

Output

Load Type

Electromechanical relay

Form

DPDT

Rating

10A resistive @ 120/240VAC & 28VDC;
1/3 hp @ 120/ 240VAC

Mechanical

Mounting

Plug-in socket

Dimensions

H 91.6 mm (3.62"); **W** 60.7 mm (2.39");

D 45.2 mm (1.78")

Termination

Octal 8-pin plug-in

Protection

Isolation Voltage

≥ 1500V RMS input to output

Polarity

DC units are reverse polarity protected

Environmental

Operating/Storage

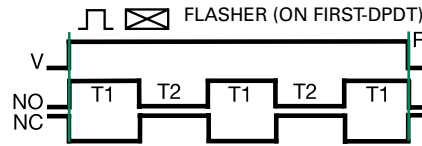
Temperature

-20° to 60°C / -30° to 85°C

Weight

≈ 5.8 oz (164 g)

Flasher Function Diagram



V = Voltage

R = Reset

T1 = ONTime

T2 = OFFTime

NO = Normally Open

NC = Normally Closed

Mouser Electronics

Authorized Distributor

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[FS590](#) [FS512](#) [FS524](#)