

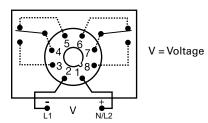
FS500 SERIES







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.

Flashers and Tower Lighting Controls

Flashers



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)

ON/OFF Ratio $\approx 50\%$

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

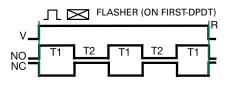
Environmental

Operating/Storage

Temperature -20° to 60°C / -30° to 85°C

Weight $\approx 5.8 \text{ oz } (164 \text{ g})$

Flasher Function Diagram



V = Voltage R = Reset T1 = ONTime T2 = OFFTime NO = Normally Open NC = Normally Closed