

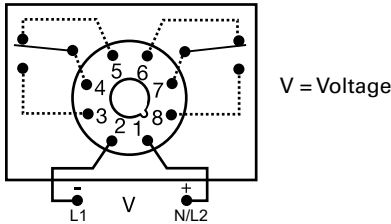
FS500 SERIES

CE 
*(some models)



8-PIN

Wiring Diagram



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.

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

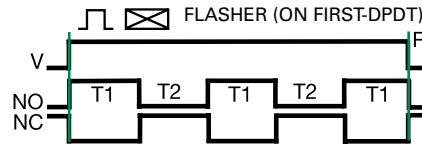
FS500 SERIES

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 | ≈ 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 | ≈ 5.8 oz (164 g) |

Flasher Function Diagram



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