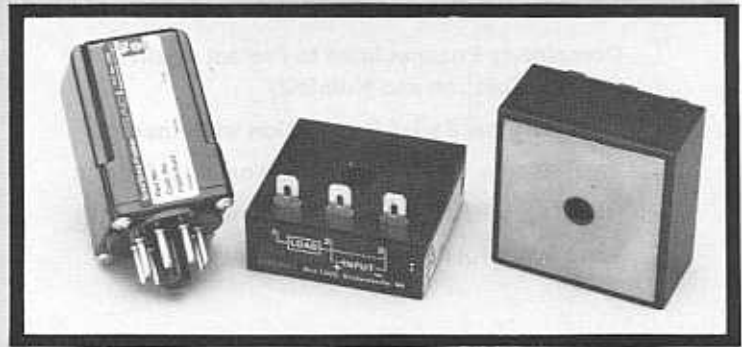


AC FLASHER

SOLID STATE

FS100 Series Medium and High Power

- All Solid State—No Moving Parts or Contacts
- Zero Voltage Switch—No RFI and Increased Load Life up to 10 Times
- Loads up to 5750 Watts
- High Inrush—Up to 250 Amperes
- Good Stability over Voltage and Temperature
- Encapsulated Circuitry UL And CSA



DESCRIPTION

This group of SSAC Solid State Flashers have proven reliability with years of use throughout the country. These controls are built to exacting specifications using only the highest quality electronic components. The design features outlined make these devices superior to all others.

SPECIFICATIONS

1. Mode of Operation: ON/OFF recycling solid state flasher (continuous duty)
2. Operating Voltage: 24, 120, or 230 volts AC $\pm 15\%$, 50/60 Hertz
3. Flash Rate: Factory fixed at 90 flashes per minute $\pm 10\%$
4. ON/OFF Ratio: Approximately 50% (Consult factory for other ratios)
5. Load Type: Inductive, resistive, or incandescent
6. Output: Fullwave AC
7. Maximum Load Rating: 3, 12, and 25 amperes steady state (see *Ordering Information*)
8. Inrush: 10 times steady state current
9. Operating Temperature: -20° to $+60^{\circ}$ C
10. Custom Flash Rates Available: From 10 to 300 FPM $\pm 10\%$ (Consult Factory)

CONNECTION

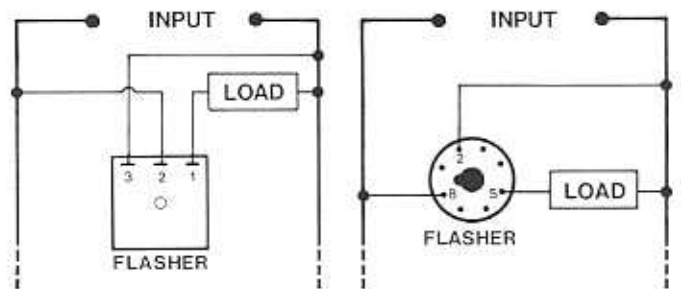


Fig. 1

Fig. 2

MECHANICAL

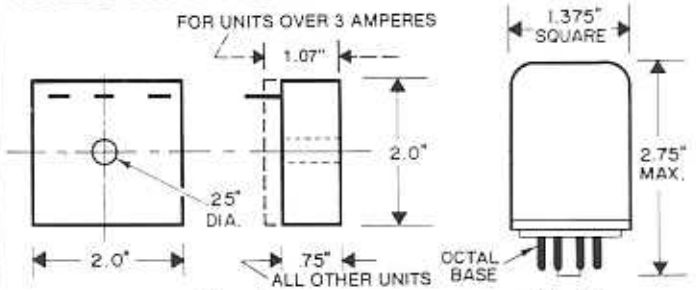


Fig. 1
Quick Connect

Fig. 2
Octal Plug-In

ORDERING INFORMATION

Part Number	UL	CSA	Operating Voltage	Rating	Package	Figure
FS142			24VAC $\pm 15\%$	3 amperes	Octal Plug-in	2
FS143	X	X		12 amperes	Quick Connect	1
FS144				25 amperes		
FS145		X	120VAC $\pm 15\%$	3 amperes	Octal Plug-in	2
FS152	X	X		12 amperes	Quick Connect	1
FS153				25 amperes		
FS154			230VAC $\pm 15\%$	3 amperes	Quick Connect	1
FS155		X		12 amperes		
FS162	X	X		25 amperes		
FS163			230VAC $\pm 15\%$	3 amperes	Quick Connect	1
FS165		X		12 amperes		
				25 amperes		

Note: Over three amperes the unit must be mounted to metal surface for proper heat dissipation. Maximum plate temperature not to exceed $+80^{\circ}$ C at maximum current rating.