

SA and SD DC and AC Input, Solid-State Relays

NEW!



Features

- 15, 25, 40A, @50-240VAC Outputs
- 4-32VDC and 85 to 240VAC Input
- LED Operation Indicator (SO Only)
- Compatible Heat Sinks
- Extremely Cost Effective

Specifications

Input Voltage

DC Models (SDA) 4-32VDC
AC Models (SAA) 85—240VAC

Pick-Up Voltage

SDA Models, 4V Max;
SAA Models, 85V Max.

Drop-Out Voltage

SDA Models, 1 V Min;
SAA Models, 40V Min.

Output Voltage

50-240VAC

Trigger Type

Zero Voltage Turn-On

Peak Repetitive Output Voltage

600 Vrms Max.

Off State Leakage Current

10mA rms Max.

On State Voltage Drop

1, 5 Vrms Max.

Dielectric Strength

2500 Vrms, 1 Min.
(Input-Output-Case)

Isolation Resistance

100 Megohms/DC 500 V
(Input-Output-Case)

Operating Temperature

-20° to +80°C

Storage Temperature

-30° to +100°C

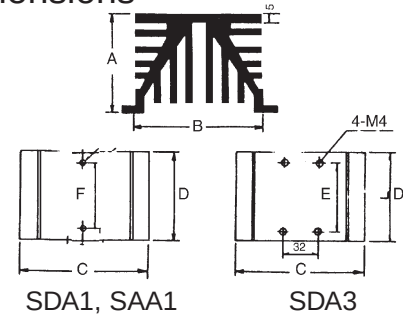
Response Time

1/2 Cycle + 1 mS Max.

APPROVALS -SDA1 Models Only

Underwriters Labs UR
File No. E165828

Dimensions

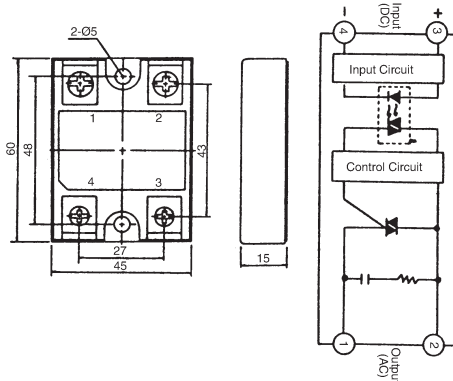


Model	A	B	C	D	E	F
NO118(1)-60	60	90	100	60	N/A	48
NO118(2)-200	60	90	100	200	97	N/A

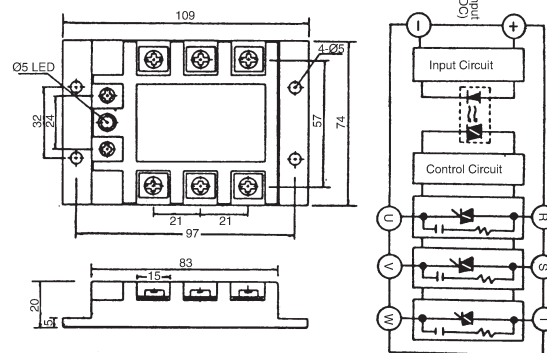
HEAT SINK INFORMATION

To achieve the rated output current loads for all solid-state relays, they must be mounted to a heat sink.

Dimensions/Wiring—SDA1, SAA1



Dimensions/Wiring—SDA3



Ordering Information

Model Number	Input Voltage	Output Voltage	Output Amps	Phase
SDA 1-215Z	4-32VDC	50-240VAC	15	Single
SDA 1-225Z	4-32VDC	50-240VAC	25	Single
SDA 1-240Z	4-32VDC	50-240VAC	40	Single
SAA1-215Z	85-240VAC	50-240VAC	15	Single
SAA1-225Z	85-240VAC	50-240VAC	25	Single
SAA 1-240Z	85-240VAC	50-240VAC	40	Single
SDA3-240Z	4-15VDC	50-240VAC	40	Three
SDA3-440Z	4-15VDC	50-460VAC	40	Three
NO118 (1)-60	Heat Sink for SDA 1 and SAA 1 Models			
NO118 (2)-200	Heat Sink for SDA3 Models			
	Other Relays and Heat Sinks Available			