

SRA2 series

dual solid-state relay

DURAKOOL



- 2 x SSR's in single package
- High load voltage - up to 480VAC
- 4 - 32VDC control voltage
- Zero cross-over
- 2 x LED control input indicators
- RoHS Compliant



Output (load)

Load type		2 x SPST-NO (1 N/O) Resistive
Load current		10A, 15A, 20A, 25A, 30A, 40A
Load switching voltage	AC V _{rms}	24 to 240VAC, 40 - 480V
Maximum peak voltage	AC V _{pk}	900V
Switch type		Zero Cross-over
On voltage drop	V AC	1.5V
Leakage current (off state)	mA	≤ 7mA

Input (control)

Control voltage	V	D: 4 - 32VDC
Control current	mA	< 20mA
Turn-on voltage	V _{min}	D: 3VDC
Turn-off voltage	V	D: 1VDC

Insulation

Insulation resistance		≤ 500MΩ at 500VDC, 50%RH
Dielectric strength	V AC	≥ 2500V

General Data

Operating time	mS	≤ 10ms
Release time	mS	≤ 10ms
Dimensions	L x W x H	57 x 44 x 30.3mm
Weight		98g
Ambient temperature	storage	-30 to 80°C
	operating	-30 to 80°C (with derating). A heat sink may be required.

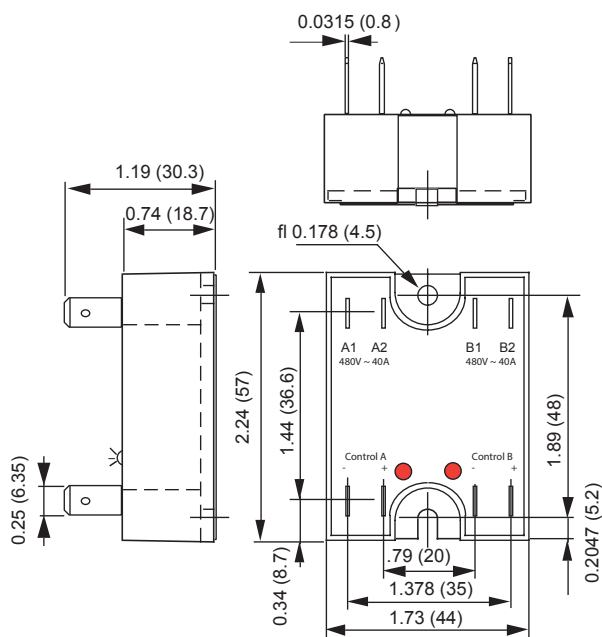
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Dimensions

Fig.1



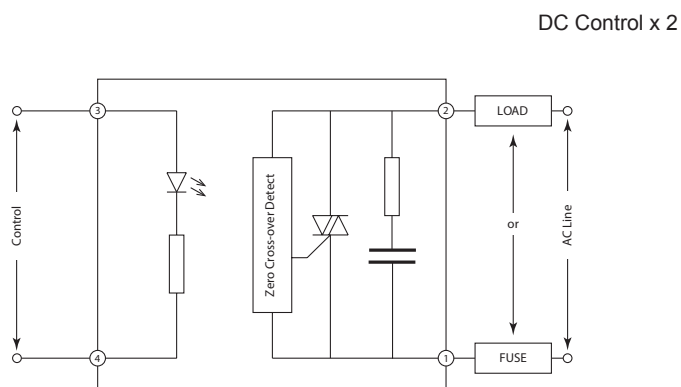
Dimensions in inches (mm)

Ordering Code

S	R	A	2	Z	-	40	K	-	D
Switch Function									
Z - Zero Crossover									
Load Current Rating									
10 - 10A									
15 - 15A									
20 - 20A									
25 - 25A									
30 - 30A									
40 - 40A									
Load Voltage									
L - 24 to 240VAC									
K - 40 to 480VAC									
Control Voltage Input									
D - 4 to 32VDC									

Schematic

Fig.2



Zero Crossing Timing

Fig.3

