

# 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

CE

### 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	$\leq 7\text{mA}$

### Input (control)

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

### Insulation

Insulation resistance	$\leq 500\text{M}\Omega$ at 500VDC, 50%RH	
Dielectric strength	V AC	$\geq 2500\text{V}$

### General Data

Operating time	mS	$\leq 10\text{ms}$
Release time	mS	$\leq 10\text{ms}$
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.

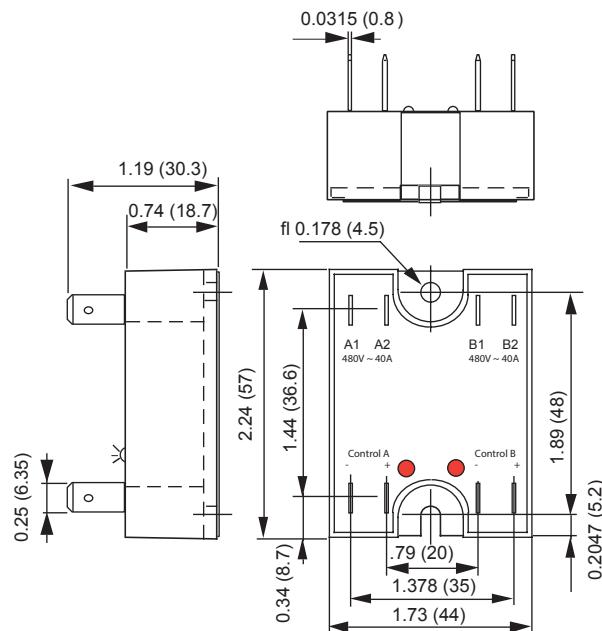
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Dimensions

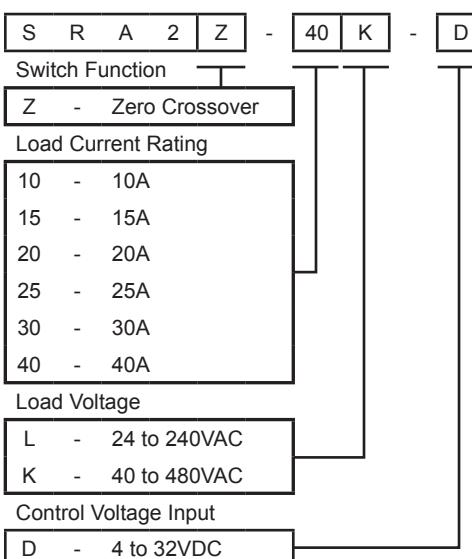
Fig.1



Dimensions in inches (mm)

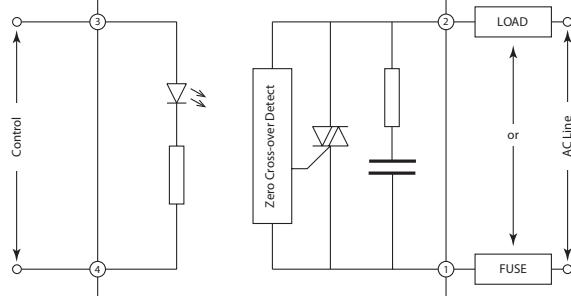
Ordering Code

Fig.2



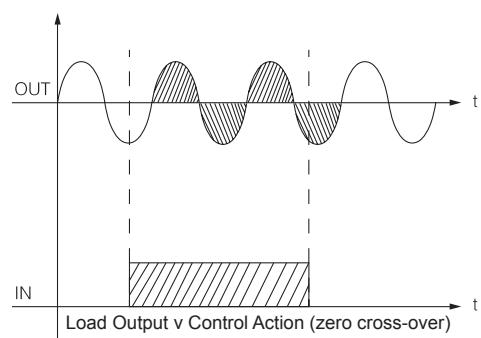
Schematic

DC Control x 2



Zero Crossing Timing

Fig.3



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