# SRA2 Series
## Dual Solid State Relay

**NOT FOR NEW DESIGN**

- 2 x SSR's in single package
- High load voltage - up to 480VAC
- 4 - 32VDC Control voltage
- Zero crossover switching
- 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 ~ 240V, 24 ~ 480V |
| Maximum peak voltage | AC $V_{pt}$ | 900V |
| Minimum load current | | 0.1A |
| Inrush current (max.) | 10ms | 20A: 240A / 25A: 300A / 30A: 380A / 40A: 450A |
| $I^2t$ | $A^2s$ | 20A: 288 / 25A: 450 / 30A: 660 / 40A: 880 |
| Switch type | | Zero crossover |

### Input (control)

| | | |
|---|---|---|
| Control voltage | VDC | 4 ~ 32 |
| Control current | mA | <20 |
| Turn-on voltage (min.) | $V_{min}$ | DC: 3.5 |
| Turn-on voltage (max.) | $V_{max}$ | DC: 35 |
| Turn-off voltage | V | DC: 1 |

### Environmental

| | | |
|---|---|---|
| Dimensions | L x W x H | 57 x 44 x 30.3mm |
| Weight | approx. | 98g |

Note:
- All SSR's should be protected by fast acting "semiconductor" fuses.
- Circuit breakers and normal fuses are not quick enough to protect the SSR in the event of a current surge or spike"
- It is recommended that load power is kept to no more than 70% of the SSR's rating to avoid unexpected issues in the event of variations in the load and ambient temperature" These SSR's are designed to be used with a suitable heat sink.
- Transfer Pads and Heatsinks for Durakool SSR relays can be found in Durakool's Solid State Relay (SSR) catalogue.

### Ordering Code

S R A 2 Z - 2 5 K - D

Series

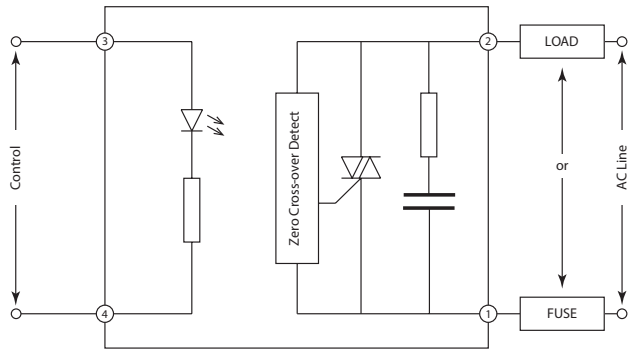
Switching
Z: Zero Crossover

Load current
10: 10A
15: 15A
20: 20A
25: 25A
30: 30A
40: 40A

Load voltage
K: 24 to 480VAC
L: 24 to 240VAC

Control voltage input
D: 4 ~ 32VDC

### Schematic — Fig. 1




DC Control x 2

### Dimensions in mm — Fig. 2