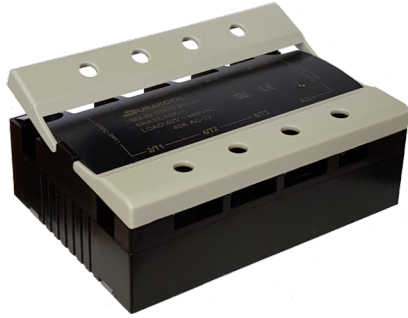


NOT FOR NEW DESIGN



- High load voltage - up to 480VAC
- 4 - 32VDC or 90 - 250VAC Control voltage
- Zero crossover switching
- LED Control input indicator
- Captive finger protection covers for terminals

Output (Load)

Load type	3PST-NO (3 N/O) Resistive
Load current	10A, 20A, 25A, 30A, 40A, 60A or 80A
Load switching voltage	AC V_{rms} 24 ~ 240V, 40 ~ 480V
Maximum peak voltage	AC V_{pt} 900V
Minimum load current	0.1A
Inrush current (max.)	10ms 20A: 240A / 25A: 300A / 30A: 380A
I^2t	A ² s 20A: 288 / 25A: 450 / 30A: 660 40A: 880 / 60A: 2100 / 80A: 4050
Switch type	Zero crossover

Input (control)

Control voltage	V DC: 4 ~ 32 or AC: 90 ~ 250
Control current	mA <20
Turn-on voltage (min.)	V_{min} DC: 3.5 / AC: 90V
Turn-on voltage (max.)	V_{max} DC: 35 / AC: 250V
Turn-off voltage	V DC: 1 / AC: 10

Environmental

Dimensions	L x W x H	106 x 75 x 38mm
Weight	approx.	Various 365g (10A) ~ 500g (80A)

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.

UKCA CE cULUS RoHS Compliant

Ordering Code

S R A 3 Z - 2 5 K - D

Series

Switching

Z: Zero Crossover

Load current

10: 10A
20: 20A
25: 25A
30: 30A
40: 40A
60: 60A
80: 80A

Load voltage

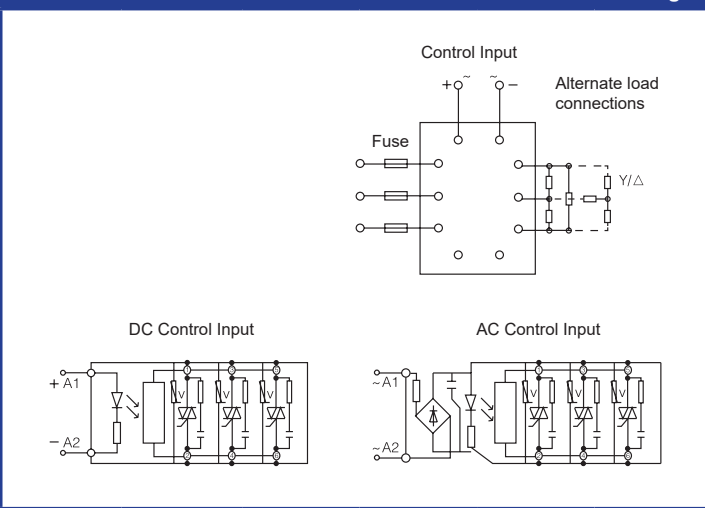
K: 40 to 480VAC
L: 24 to 240VAC

Control voltage input

A: 90 ~ 250VAC
D: 4 ~ 32VDC

Schematic

Fig. 1



Dimensions mm

Fig. 2

