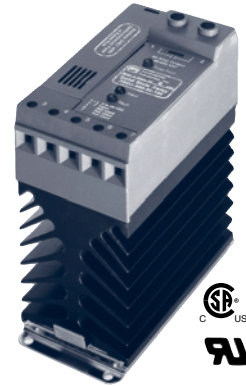




RS Series Single Phase DIN Rail Mount Relays

FEATURES/BENEFITS

- Automatic shutdown on overtemperature
- Built-in, replaceable, semiconductor fuse
- Integrated heat sink
- Mounts on DIN rail or panel
- Optically isolated
- Touch safe
- LED indicator (function and alarm)
- Built-in snubber
- 4000 volt isolation
- Zero voltage turn on
- Direct copper bonded
- UL recognized, CSA listed, CE approved
- 100% tested



50 Amp



SPECIFICATIONS

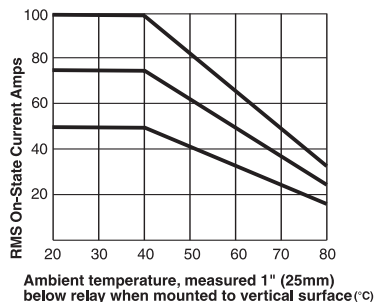
Load type:	Resistive
Input:	
RSDA-DC Input:	ON \geq 4Vdc/6mA, 28Vdc/9mA max OFF $<$ 1Vdc
RSAA-AC Input:	ON \geq 100V, 280Vac max., 5-15mA max. OFF $<$ 20Vac, 2mA, 10k Ω impedance
Output:	
Current ratings:	50, 75 or 100 amps
Voltage ratings:	24V to 660V max.
Frequency:	47-63Hz
Voltage drop:	1.3Vac
Pt rating:	50-7,200; 75-15,000; 100-20,000
Leakage:	8mA
Holding current:	50A-50mA, 75A-100mA, 100A-100mA
Peak blocking voltage:	1200V
Operating temperature:	0°C to 40°C (up to 80°C with derating)



75 Amp



DERATING CURVE



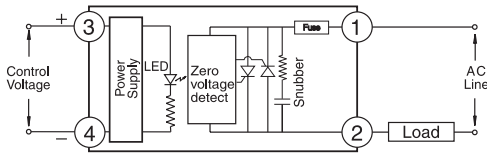
100 Amp



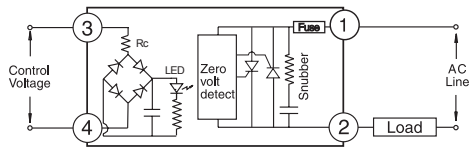
RS Series Single Phase DIN Rail Mount Relays

SCHEMATICS

DC Input



AC Input



ORDERING CODES

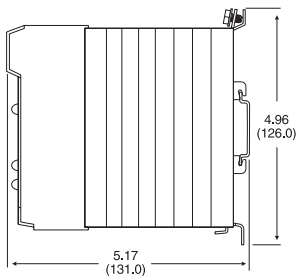
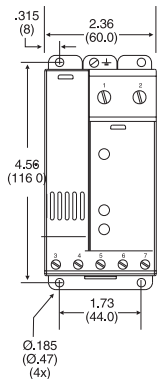
Model	
RSDA	4-28Vdc input, AC output
RSAA	100-280Vac input, AC output

Rating	
660-50-100	660V 50 amp
660-75-100	660V 75 amp
660100-100	660V 100 amp
660100-B00	660V 100 amp

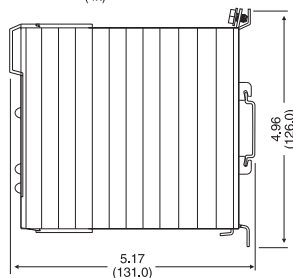
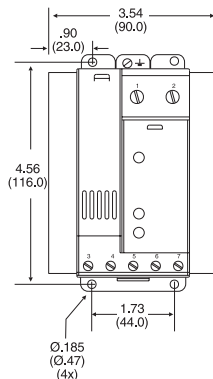
See page 16 for spare fuse selector chart.

DIMENSIONS

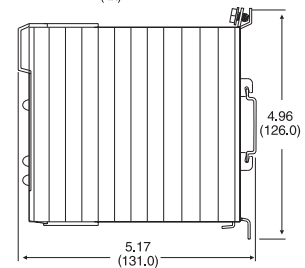
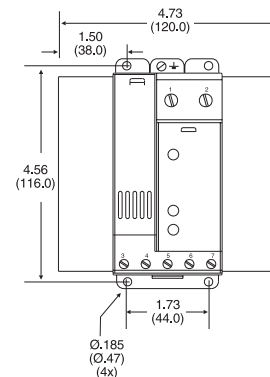
50 Amp



75 Amp



100 Amp



Notes:

- Standard product features internal fuses.
- The -B00 option substitutes a copper bus bar in place of the internal I²T fuse. This permits the RSAA/RSDA to be operated on higher amperage applications without concern about fuse derating due to heat. Order the external fuse and fuseblock as a separate line item. See page 16. Consult factory regarding the 100 amp-B00 option.

Terminals:

- Input:
- Will accept #24-10 AWG wire
 - Torque to 7-9 inch lbs.
- Output:
- Will accept #8-3 AWG wire
 - Torque to 40 inch lbs.