ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

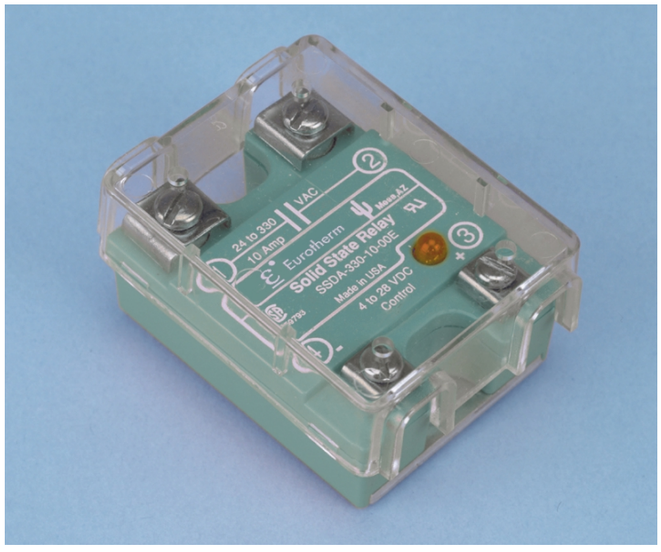
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Find the *Continental Industries SSDA-660-75-000* at our website: *Click HERE*

SSDA/SSAA RSDD

MODELS

Solid State Relays



- **Heavy duty solid state relays for superior performance in industrial applications**
- **No moving parts, no parts to wear out**
- **Capable of switching up to 75 amps**
- **Zero crossing control**
- **High surge capability**
- **Photo isolation**
- **100% tested at rated current**
- **Capable of switching 5-10 times per second**
- **Compatible with most temperature controllers, logic systems, PLCs, or similar control circuits**
- **Activated by a Vdc or Vac signal**
- **Made in the USA**

The Eurotherm Solid State Relay (SSR) products offer a superior method of switching power to resistive heaters, lamps, alarm devices, small motors, and other similar applications. Available in a wide variety of amperage sizes, the SSRs can be cycled as fast as the mating controller requests without any wear or degradation in the expected life of the relay. For some heater applications, fast cycling of the SSR actually causes a dramatic increase in the life of the heater due to a reduction in the thermal expansion and contraction of the heater.

Heatsinks

All SSR products generate heat based upon the amperage of the applications. Eurotherm has a range of heatsinks which are sized for your application. In addition, we can provide a technical note which can help you size your own heatsink for custom applications or unique installations.

Safety

The SSRs for AC switching include a clear plastic cover in order to provide IP-20 (finger safe) protection. The DC switching SSRs have this cover as an option if needed. The SSRs are built to meet international safety standards including CE regulations.

Support

The SSRs are sold and supported by a team of factory-trained Eurotherm representatives and distributors throughout the world. Please contact us for further information or application assistance.

EUROTHERM CONTROLS

SSDA/SSAA RSDD Solid State Relays

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Technical Specifications

SSDA models	
Output switched	10, 25, 40, or 75Amps at 24-330Vac 50 Amps at 48-660 VAC
LDC input models	>4-28Vdc = "on" <1Vdc = "off"
LED Diagnostics	Red LED = requested to turn "on"
Safety Cover	Included

SSAA models	
Output switched	10, 25, 40, or 75A at 24-330 Vac 50Amps at 48-660 VAC
HAC input models	90-280Vac = "on" <20Vac = "off"
LED Diagnostics	Red LED = requested to turn "on"
Safety cover	Included

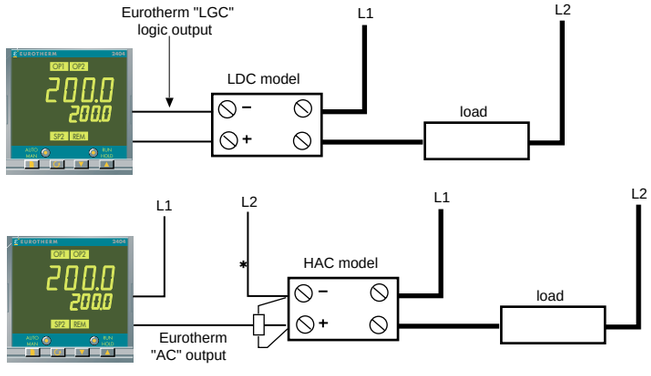
RSDD models	
Output switched	8, 12, 20, or 40A at 1-100Vdc
LDC input models	4-28 Vdc = "on" <1Vdc = "off"

Heatsinks	Part Number	Size
For <20A SSRs	HEATSK/A/2.1	4.0H x 4.5W x 1.03D"
For <39A SSRs	HEATSK/B/1.5	3.0H x 4.75W x 2.63D"
For <76A SSRs	HEAT SK/B/1.0	5.5H x 4.75W x 2.63D"

Safety Covers	Part Number
For RSDD or as spares	COVER/SAFETY/000

Product /	Max / Amps	Max / Volts	Input /	Features
SSDA	10A 25A 40A 50A 75A	330Vac or 660VAC	LDC	Cover
SSAA	10A 25A 40A 50A 75A	330Vac or 660VAC	HAC	Cover
RSDD	8A 12A 20A 40A	100Vdc	LDC	——

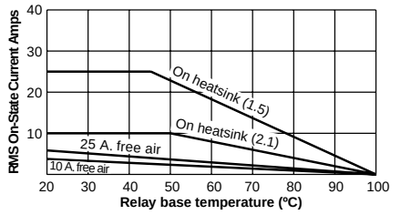
Typical Installations



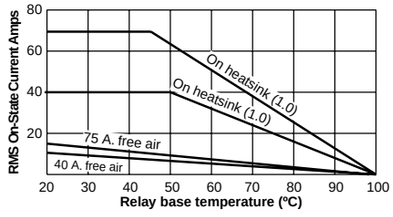
* For triac outputs, a 4K, 8 watt loading resistor is required to ensure turn off.

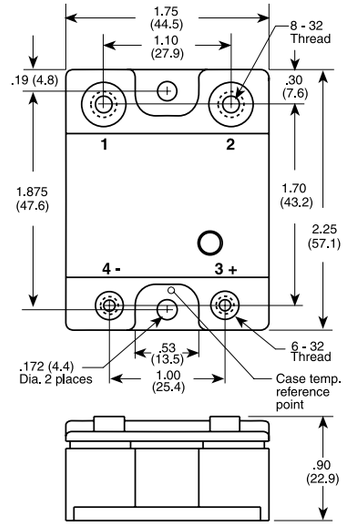
Derating Curves

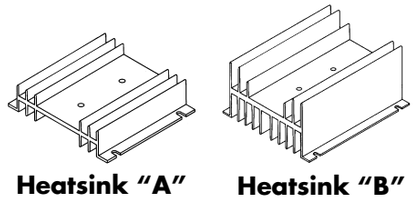
10 Amp and 25 Amp



40 Amp and 75 Amp







Heatsink "A" **Heatsink "B"**

Note: The SS and RS products must use a suitable heatsink and thermal transfer compound (DOW 340™ or equivalent) to perform properly. A mounting torque of 10 in. lbs. is required.

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For more information, contact your local representative:

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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We're here to make your life easier. How can we help you today?

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