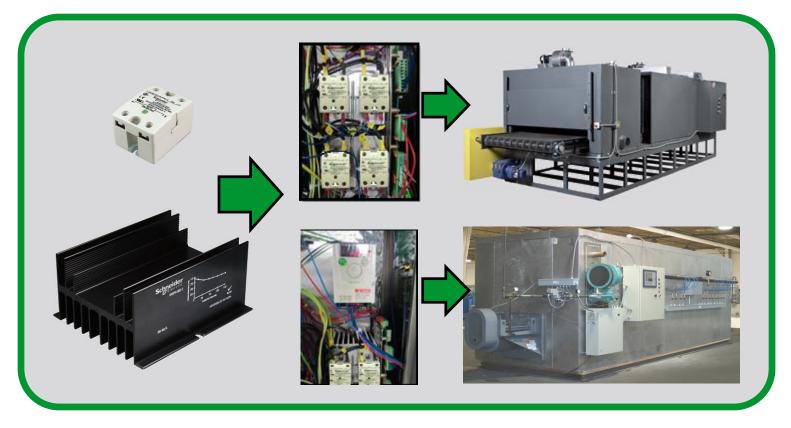
# Schneider Electric Legacy Solid State Relays Application Memo

# Class 6 Solid State Relays Easily Handle High AC Current with Maximum Reliability and Performance



The Legacy Class 6 Solid State Relay's ability to switch high AC current loads make it ideal for controlling heating elements. With no moving parts to wear out, its robust design is capable of withstanding severe shock and vibration. When used with a SSR-HS-1 Heat Sink, the relay performs with unmatched reliability. In situations where industrial ovens run on an almost continuous basis, all these benefits add up to long-term cost savings which is the reason why Class 6 relays are the preferred choice.

# **Market Segment:**

• Food and Beverage

# **Application:**

- Industrial oven control
- Interface between VSD and the heating element

# **Opportunity:**

- Near continuous operation
- High maintenance costs

# Solution and Benefits:

- Class 6 Solid State Relay
- Extremely long electrical life
- Up to 125A switching
- Durable / shock resistant
- Very fast operating speed
- Long term cost savings



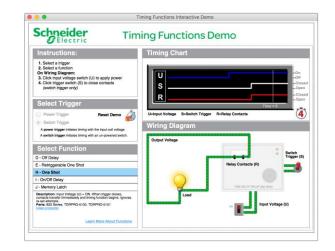


### Gonline Resources

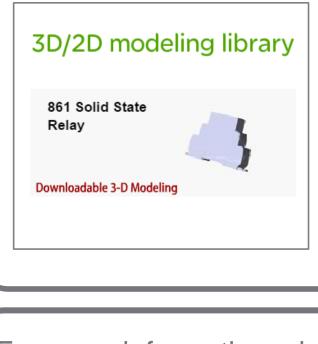
Schneider Electric leads the industry for online resources, tools, and apps to help you select the right product for your design needs.

Easily find the information you need to select the right relay or timer:

#### **Timing Function Demo**



#### 3D / 2D Drawings



For more information, visit www.serelays.com

#### Schneider Electric USA, Inc.

210 N. Martingale Road Schaumburg, IL 60173 Tel: 847-441-2540 www.serelays.com



Interactive eCatalogs

Cover >	Description	Magnecraft General Purpose Relays 792 Control Series	Specifications	Magnecraft General Purpose Relays 792 Control Series
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### Additional Information on Website www.serelays.com

#### **Download Center**

- Agency Certifications
- Product Specifications
- Catalogs Selection Guides
  - Instruction Sheets

Product Videos

Competitive Comparisons
 Brochures

#### Check-A-Product

- Get full information and compliance documents on your products, just by entering:
  - Part numbers. You can use the wildcard \* to search multiple references
  - Manufacturing year and week, as stamped on the product itself or its packaging (YYWW). By default the date (YYWW) will be the week when the request is done.

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# Life Is On

