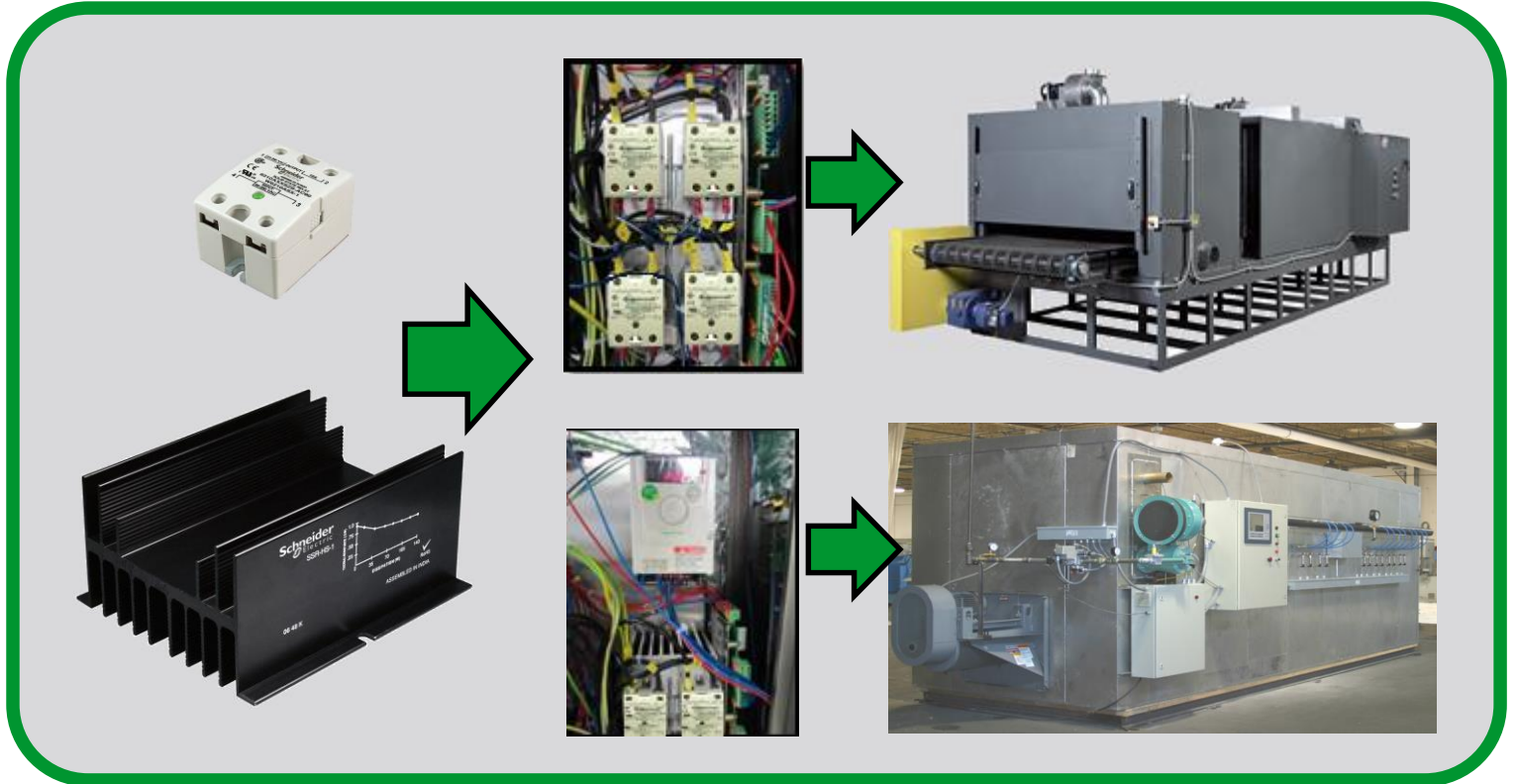


Schneider Electric Legacy Solid State Relays

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**

Life Is On

Schneider
Electric

Online 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

Timing Functions Interactive Demo

Instructions:

1. Select a trigger
2. Select a function
3. Click input voltage switch (U) to apply power
4. Click trigger switch (S) to close contacts (switch trigger only)

Select Trigger

- Power Trigger
- Switch Trigger

Select Function

- D - Off Delay
- E - Retriggerable One Shot
- H - One Shot
- I - On/Off Delay
- J - Memory Latch

Timing Chart

U-Input Voltage S-Switch Trigger R-Relay Contacts

Wiring Diagram

Output Voltage Load Relay Contacts (R) Switch Trigger (S) Input Voltage (U)

3D / 2D Drawings

3D/2D modeling library

861 Solid State Relay

Downloadable 3-D Modeling

For more information, visit www.serelays.com



Interactive eCatalogs

Schneider Electric

Magnecraft General Purpose Relays

782 Control Series
7818 Series
782 Power Series
783 Series
784 Series
7508 Series
7888 Series
7524 Hazardous Location Series
7524 Hazardous Location Series
UL Listed Relay/Socket Combinations
Mounting Adapter Specifications

Additional Information on Website
www.serelays.com

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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.

Ordering reference(s)
781XBXR4M4L-110D

Manufacturing Date Code
1426

or

- 1 Download template
- 2 Fill the spreadsheet with your references and date code
- 3 Upload spreadsheet

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