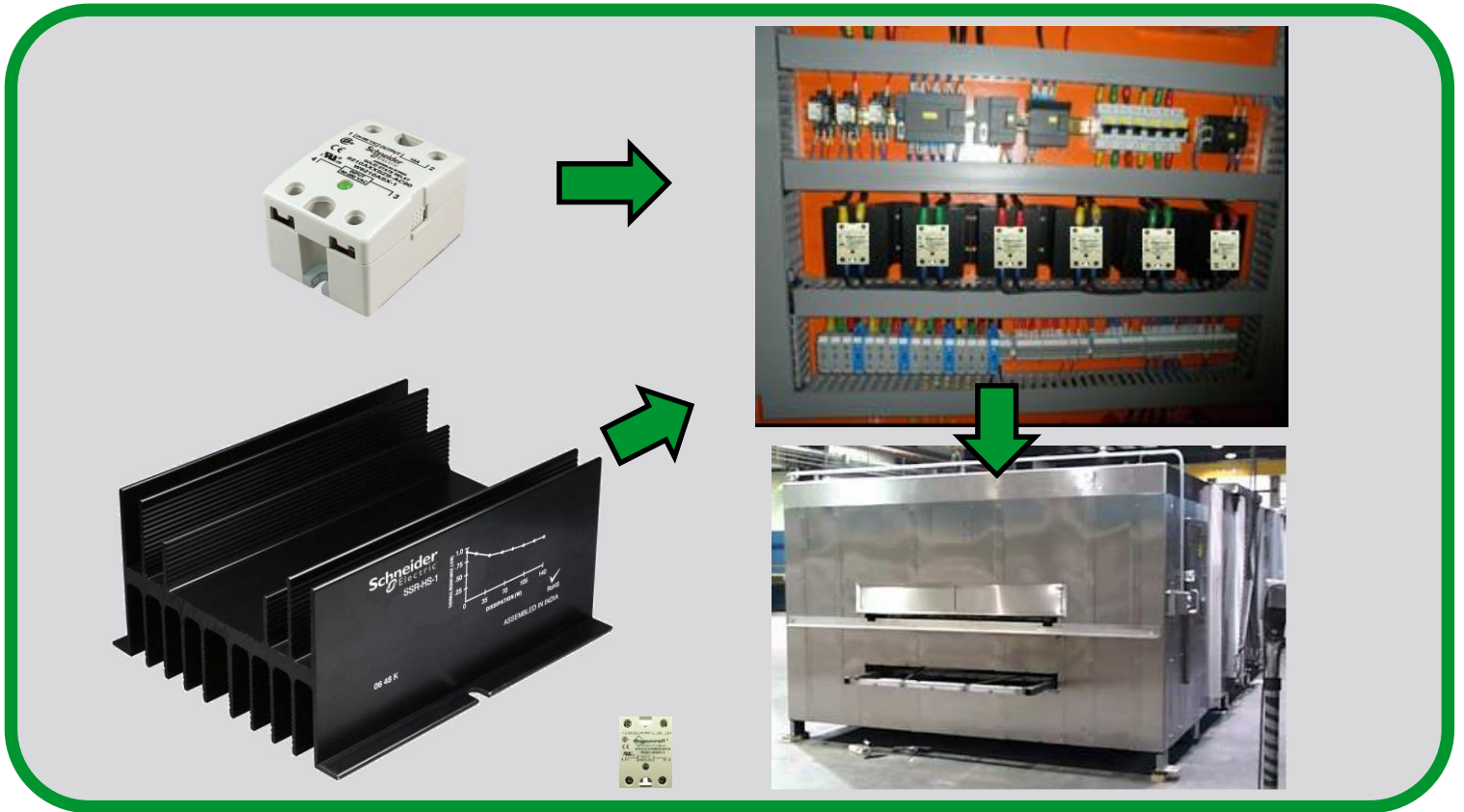


Schneider Electric Legacy Solid State Relays

Application Memo

Class 6 Solid State Relays Control Heating Elements in Industrial Dryers with Maximum Performance & Reliability



The Class 6 Solid State Relay and SSR-HS-1 Heat Sink combine to create an ideal solution for industrial textile dryers. Capable of switching up to 125A of current, the relay easily handles the job of interfacing between the dryer's PLC/ATV units and the heating element control. With no moving parts to wear out, Class 6 relays operate with maximum reliability for optimum efficiency.

Market Segment:

- Textile

Application:

- Industrial textile dryer
- Interface between PLC/ATV/inverters and heating element control

Opportunity:

- High AC current switching (100A+)
- 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

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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
783 Power Series
784 Series
7508 Series
7888 Series
7524 Hazardous Location Series
7524 Hazardous Location Series
UL Listed Relay/Socket Combinations
Socket Specifications
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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