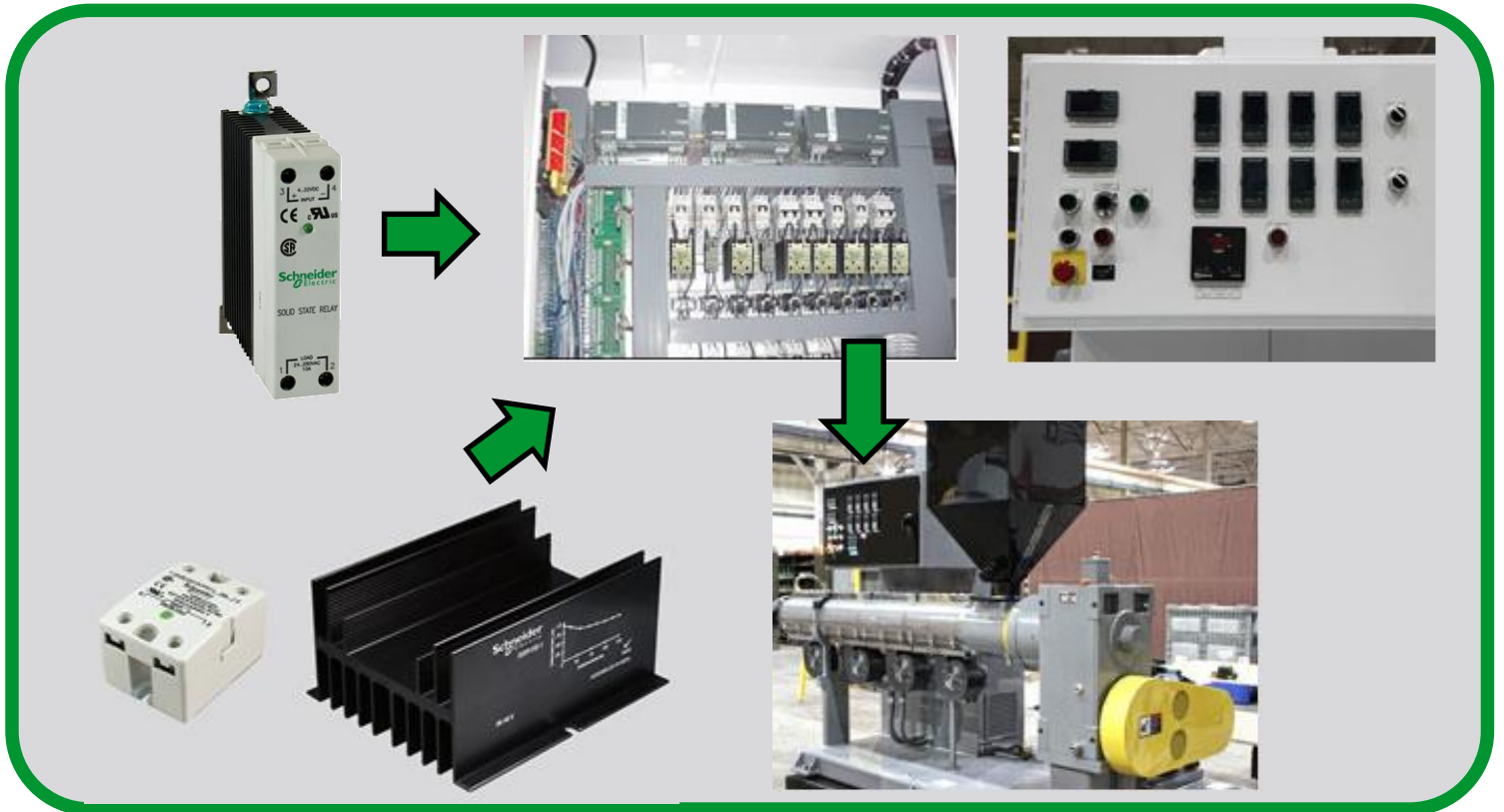


# Schneider Electric Legacy Solid State Relays

## Application Memo

### SSRDIN and Class 6 Solid State Relays Form the Preferred Solution for Plastic Injection and Extrusion Machinery



The **Legacy SSRDIN and Class 6 Solid State Relays** are an ideal combination of DIN rail and panel mount solid state relays for industrial plastic injection and extrusion equipment. DIN mount SSRDIN relays can switch up to 65A, and come with built-in heat sinks for quick installation. Class 6 relays can switch up to 125A with a number of available heat sinks for optimum thermal management. Both relays easily interface between the equipment's PLCs & ATVs and the load heating elements.

#### Market Segment:

- Plastic injection and extrusion

#### Application:

- Injection and extrusion equipment
- Heating and load element control

#### Opportunity:

- High AC current switching (30A-100A)
- Continuous operation
- **High maintenance costs**

#### Solution and Benefits:

- Legacy SSRDIN and Class 6 Solid State Relays
- Switching up to 65A (SSRDIN) and 125A (Class 6)
- Hundreds of millions of operations
- **Long term cost savings**

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## 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](http://www.serelays.com)



ANDROID APP ON  
Google play

Available on the  
App Store

### Interactive eCatalogs

**Schneider Electric**

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- 792H Hazardous Location Series
- 795H Hazardous Location Series
- US Listed Relay/Socket Combinators
- Socket Specifications
- Mounting Adapter Specifications

**Description**

**Magnecraft General Purpose Relays**

792 Control Series  
DPT 12A, 4PDT 6A, 6A, 12A

**Specifications**

**Magnecraft General Purpose Relays**

792 Control Series  
DPT 12A, 4PDT 6A, 6A, 12A

**Additional Information on Website**  
[www.serelays.com](http://www.serelays.com)

### Download Center

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- Product Specifications
- Selection Guides
- Competitive Comparisons
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- Catalogs
- Instruction Sheets
- Brochures

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- 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

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