



# Breadth of product. Ease of selection.

World-class Allen-Bradley® relays and timing relays by Rockwell Automation are designed, manufactured, and tested to meet your standard and most critical demands. We want you to focus your core activities, not parts. We offer a broad product selection that provides flexibility and industry-proven reliability.

## Ideal applications

- Reduced PLC outputs to meet energy consumption goals
- Provides longer life for PLC, saving money and increasing efficiency
- Switching currents or voltage too high for PLC outputs to handle
- Interfacing two or more system voltages – for example, 24V to 120V
- Controlling multiple loads from safety and interlock commands
- Logic for manual control
- Reduced PLC outputs by using relays to turn many devices on and off simultaneously
- Provides isolation from solid-state output leakage current

**Long life**  
**+ Lower power consumption**  
**+ PLC compatibility**  
**= Savings for you**

## GENERAL PURPOSE RELAYS

### Features

#### 700-HA

- Pin-style terminals
- Bifurcated contacts with gold plating for low-energy applications

#### 700-HB

- Blade-style quick connect terminals
- Color-coded voltage type for quick installation



700-HA

#### 700-HD

- Blade-style quick connect terminals
- Mounts directly to a panel – no DIN Rail required

#### 700-HF

- Plug-in quick connect terminals
- Clear cover to allow visual inspection of contacts



700-HB

## SOLID-STATE RELAYS

### Features

#### 700-SH

- High continuous load currents are achievable with heat sinks
- LED indicator for Input/Logic ON/OFF status monitoring



700-SH

## INTERPOSING RELAYS

### Features

#### 700-HL

- Screw terminals are cage clamp terminals are available. The 700-HL Next Gen offers push-in terminal technology.
- Leakage current suppression versions are available to address concerns of nuisance coil turn-on or non-dropout current when converting PLCs with overage current. The 700-HL Next Gen provides built-in leakage current suppression.

#### 700-HK

- Plug-in blade-style terminals
- Jumper system reduces wearing costs

#### 700-HC

- Blade-style terminals
- Same sockets can be used for DPDT or 4PDT versions which improves flexibility and reduces inventory

#### 700-HP

- Plug-in pin style (PCB) terminals
- Economical PCB style design



700-HL



700-HK

## SPECIALTY RELAYS

### Features

#### 700-HG

- Auxiliary snap action switch versions
- Popular 3V HVAC applications

#### 700-HHF

- Blade-style quick connect terminals
- Pilot light available for visual identification of power to the coil

#### Latching 700-HJ

- Magnetic latching relay for energy savings
- Dual coil version available

#### Alternating 700-HTA

- Alternating feature allows users to select the primary or secondary load or alternate between the two



700-HG



700-HJ

## GENERAL PURPOSE TIMING RELAYS

### Features

#### 700-HR

- Pin-style terminals
- Multiple voltage inputs to address a wide range of applications

#### 700-HNC

- Blade-style terminals
- Four different timing functions available

#### 700-HT

- Pin-style terminals
- Higher contact rating for larger loads

#### 700-HX

- Pin-style terminals
- LCD display to make setting easier
- Environmentally friendly with flash memory, no battery

#### 700-HLF

- Compact size, only 6.2 mm wide when space is critical
- Gold contacts available for low voltage applications

#### 700-FE

- Seven different timing functions available
- Small (17.5 mm), effective economy timer

#### 700-FS

- Space-saving 22.5 mm design
- Wide range input voltage provides flexibility



700-HR



700-HT



700-HX



700-FE



# General Purpose and Solid-State Relays

Allen-Bradley relays and timers offer **compatible and versatile solutions** for control applications – from programmable controllers and motor starters to push buttons and terminal blocks. General purpose relays feature an excellent flexible design and industry-proven reliability.

Each relay is tested during manufacturing – before it is used in your demanding application – and carries international approvals that assure you the relay will stand the test of time anywhere in the world.



	700-HA	700-HB	700-HD	700-HF
Mounting style	Plug-in	Plug-in	Range-mounted	Plug-in
Load capacity [A]	10	15	15	10
2DPDT	●	●	●	●
3DPT	●	●	●	●
4DPT				●
<b>Options</b>				
LED	●	●		●
Manual override	●	●		●
Visible indicator	●	●	●	
Comparable w/plug accessories modules	●	●		

	700-SH
Ideal applications	High frequency switching and high shock vibration applications
Mounting style	Panel
Load [A]	10-100
1 N.O. contact	●
Optional LED	● (Standard)

If you are looking for a green, flexible yet rugged relay, our **solid-state relays** are the solution. Built for **long life and high-frequency switching**, these relays use less energy, but are highly compatible to reduce downtime and spare parts.

# Specialty Relays

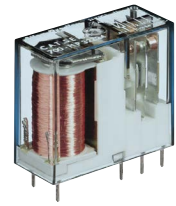
Allen-Bradley Power Specialty Relays by Rockwell Automation are among the top for those harder-to-work applications. From load switching to lighting to refrigeration, we have your **power specialty relay**.



	700-HG	700-HHF	700-HJ	700-HTA
<b>Ideal applications</b>	Switching high current loads Magnetic blowouts are available for applications with high DC loads	Switching high current loads	Lighting applications	Pumps, compressor or air conditioning/ refrigeration applications
<b>Mounting style</b>	Panel	Panel	Plug-in	Plug-in
<b>Load capacity [A]</b>	40	20-30	10	10
<b>1 N.O. contact</b>	●	●		
<b>SPDT</b>	●		●	●
<b>2PDT</b>	●	●	●	●
<b>3PDT</b>		●		
<b>Optional LED</b>		●		

# Interposing Relays

This line of interposing relays is designed to fit a **wide range of industrial applications**. We have solutions for almost all application needs such as tight cabinet space, low-capacity switching capability and hazardous locations, just to name a few.





	700-HL	700-HK	700-HC	700-HP
<b>Ideal applications</b>	Space-saving PLC interfaces (Low-energy, solid-state and hazardous location versions available)	General Industrial (Versions with low-energy or max duty contacts available)	General industrial	General industrial
<b>Mounting style</b>	DIN rail	Plug-in	Plug-in	Plug-in
<b>Load capacity</b>	6 A SPDT/10 A DPDT/2 A SSR DC/2 A SSR AC	16 A SPDT/8 A DPDT	10 A DPDT/7 A 4PDT	8 A DPDT
<b>SPDT</b>	●	●		
<b>DPDT</b>	●	●	●	●
<b>4PDT</b>			●	
<b>SSR AC</b>	●			
<b>SSR DC</b>	●			
<b>Options</b>				
<b>LED</b>	Standard	●	●	
<b>Manual override</b>		●		
<b>Visible indicator</b>		●	●	
<b>Comparable w/plug accessories modules</b>		●	●	●

# General Purpose Timing Relays

Our complete line of general purpose timing relays covers almost all applications while still helping to **reduce maintenance cost** and **increase flexibility**.



	700-HR	700-HNC	700-HT	700-HX	700-HLF	700-FE	700-FS
<b>Mounting style</b>	Plug-in	Plug-in	Plug-in	Plug-in/Panel	DIN rail	DIN rail	DIN rail
<b>Load capacity [A]</b>	5	5	10	5	6	5	5
<b>SPDT</b>		●	●	●	●	●	●
<b>DPDT</b>	●		●				●
<b>4PDT</b>		●		●			
<b>Adjustable timing</b>	●	●	●	●	●	●	●
<b>Selectable function/ Timing mode</b>			●			●	●
<b>Single function timing mode</b>	●	●		●	●	●	●

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 **expanding human possibility®**

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