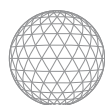




Think Automation and beyond...

## Relay Selection Guide



**APEM**  
an IDEC company

# IDEC Relays

## DIN rail mount, Panel mount, Interface and PCB mount Relays

Designed with attention to every detail, IDEC relays are manufactured to ensure precision and quality. Our Industrial DIN rail mount, PCB mount and interface relays come in contact ratings from 6 Amps to 30 Amps for many applications. Correlating sockets include multiple features for ease-of-use and can also be DIN rail, panel or PCB mounted. Each socket is designed to work with IDEC timers and relays.



### Interface Relays

- Use with PLC
- 6mm and 14mm wide
- 1 pole and 2 pole

Page 3 & 4

### RH Relays

- 1, 2, 3 and 4 pole
- 10 Amp
- Check button and indicator options

Page 6

### RJ Relays

- 8 Amp and 12 Amp
- 1 pole and 2 pole
- Blade or PCB Terminals

Page 5

### RU Relays

- 2 pole or 4 pole
- 10 Amp

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### RL Relays

- 1 pole or 2 pole
- 30 Amp
- DIN rail or Panel mount

Page 9

### RY Relays

- Small signaling relay
- 2 pole, 3 Amp
- Blade plug-in or PCB terminals

Page 9

### Force Guided Relays

- EN Compliant
- 2, 4, or 6 pole
- Force guided contacts

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# RV8H Series - 6mm Interface Relays



Screw Terminals



Spring Clamp Terminals

- Space-saving 6mm width
- Only 71mm in height from DIN rail
- Gold-plated contacts
- Pre-assembled relay and DIN rail mount socket
- Class I Division 2 and Class I Zone 2 hazardous locations
- Universal screw (flat and Phillips) or spring clamp terminals
- Preprinted marking plates available
- RoHS compliant



**RV8H** – **L** – **AD110** – **C1D2**

**Terminals**

- L:** Screw
- S:** Spring Clamp

**Voltage Code**

- D6:** 6V DC
- D9:** 9V DC
- D12:** 12V DC
- D18:** 18V DC
- D24:** 24V DC
- AD12:** 12V AC/DC
- AD18:** 18V AC/DC
- AD24:** 24V AC/DC
- AD48:** 48V AC/DC
- AD60:** 60V AC/DC
- AD110:** 100-125V AC/DC
- AD220:** 220V-240V AC/DC

**Rating**

- Blank:** Standard
- C1D2:** Class I Division 2 Ratings
- HD:** High Coil Voltage Dropout

RV8H	
Specs	Contact Material AgNi (Au plating)
	Contact Rating 6A
	Minimum Load (reference values) 6V DC 10mA
	Dimensions (W x D x H) mm 6.1 x 74.2 x 88

	Description	Color	Part Number
Accessories	Jumper (20 combs)	Black	SV9Z-J20B
		Gray	SV9Z-J20W
		Blue	SV9Z-J20S
	Spacer (circuit separator)	–	SV9Z-SA2W
	Marking Plate (10 pcs)	White	SV9Z-PW10

Top Selling RV8H 6mm Relays	
Part Number	Description
RV8H-L-D24	RV8H Relay, SPDT, 24V DC
RV8H-L-AD110	RV8H Relay, SPDT, 110V AC/DC
RV8H-L-AD24	RV8H Relay, SPDT, 24V AC/DC
RV8H-S-D24	RV8H Relay, SPDT, Spring Clamp, 24V DC
RV8H-L-AD220	RV8H Relay, SPDT, 220V AC/DC
RV8H-L-D24-C1D2	RV8H Relay, SPDT, 24V DC Class I Div. 2
RV8H-S-AD24	RV8H Relay, SPDT, Spring Clamp, 24V AC/DC
RV8H-S-AD110	RV8H Relay, SPDT, Spring Clamp, 110V AC/DC
RV8H-L-D12	RV8H Relay, SPDT, 12V DC
RV8H-L-AD110-C1D2	RV8H Relay, SPDT, 110V AC/DC Class I Div. 2

# RV8H Series - 14mm Interface Relays

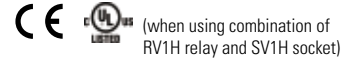


Screw Terminals



Spring Clamp Terminals

- Class I Division 2 and Class I Zone 2 hazardous locations
- Space-saving 14mm width
- Only 71mm in height from DIN rail
- Gold-plated contacts
- Pre-assembled relay and DIN rail mount socket
- Universal screw (flat and Phillips) or spring clamp terminals
- Preprinted marking plates available
- RoHS compliant



**RV8H – 1L1 – AD110 – C1D2**

**Terminals**

**1L1:** 1 pole Screw Terminal  
**2L:** 2 pole Screw Terminal  
**1S1:** 1 pole Spring Clamp  
**2S:** 2 pole Spring Clamp

**Voltage Code**

**D6:** 6V DC  
**D9:** 9V DC  
**D12:** 12V DC  
**D18:** 18V DC  
**D24:** 24V DC  
**AD12:** 12V AC/DC  
**AD18:** 18V AC/DC  
**AD24:** 24V AC/DC  
**AD48:** 48V AC/DC  
**AD60:** 60V AC/DC  
**AD110:** 100-125V AC/DC  
**AD220:** 220V-240V AC/DC

**Rating**

**Blank:** Standard  
**C1D2:** Class I Division 2 Ratings  
**HD:** High Coil Voltage Dropout

RV8H	
Specs	Contact Material AgNi (Au plating)
	Contact Rating 1 pole 250V AC, 16A (8A per terminal), 2 pole 250V AC, 8A
	Minimum Load (reference values) 1 pole 6V DC 100ma / 2 pole 5V DC 10mA
	Dimensions (W x D x H) mm 14 x 88 x 75

	Description	Color	Part Number
Accessories	Jumper (20 combs)	Black	SV9Z-J232B
		Gray	SV9Z-J232W
		Blue	SV9Z-J232S
	Spacer (circuit separator)	–	SV9Z-SA2W
	Marking Plate (10 pcs)	White	SV9Z-PW10

Top Selling RV8H 14mm Relays	
Part Number	Description
RV8H-1L1-AD110	RV8H Relay, SPDT, 110V AC/DC
RV8H-1L1-D24	RV8H Relay, SPDT, 24V DC
RV8H-1L1-D24-C1D2	RV8H Relay, SPDT, 24V DC Class I Div. 2
RV8H-1L1-AD110-C1D2	RV8H Relay, SPDT, 110V AC/DC, Class I Div. 2
RV8H-1S1-D24	RV8H Relay, SPDT, Spring Clamp, 24V DC
RV8H-1S1-D24-C1D2	RV8H Relay, SPDT, Spring Clamp, 24V DC, Class I Div. 2
RV8H-2L-AD110	RV8H Relay, DPDT, 110V AC/DC
RV8H-2L-D24	RV8H Relay, DPDT, 24V DC
RV8H-2S-D24	RV8H Relay, DPDT, Spring Clamp, 24V DC
RV8H-2L-D24-C1D2	RV8H Relay, DPDT, 24V DC, Class I Div. 2

# RJ Series - Slim Power Relays



- Compact size for maximum space savings on DIN rail
- SPDT 12A and DPDT 8A contacts (high capacity 16A SPST-NO available)
- Optional non-polarized, green LED
- Locking and release lever on SJ sockets
- RoHS compliant



**RJ 2 2 S - CL - A24**

<b>Contact Configuration</b> 1: SPDT 2: DPDT	<b>Contacts</b> Blank: Standard 2: Bifurcated**	<b>Terminal</b> S: Blade V: PCB	<b>Options</b> C: Standard CL: LED CD: Surge Suppression Diode* CLD: LED & Surge Suppression Diode* CH: High Capacity A: SPST-NO Standard AH: SPST-NO High Capacity	<b>Voltage Code</b> A12: 12V AC A24: 24V AC A120: 120V AC A220: 220V AC A240: 240V AC	<b>DC Voltage Code</b> D5: 5V DC D6: 6V DC D12: 12V DC D24: 24V DC D48: 48V DC D100: 100-110V DC
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\*Diode is only for DC coils.

\*\*Bifurcated contacts available on DPDT relays only

		RJ1S	RJ2S	RJ22S	RJ22V
Specs	Contact Material	Silver-Nickel Alloy		AgNi (gold clad)	
	Contact Rating	12A	8A	1A	1A
	Minimum Load (reference values)	100mA@5V DC, 10mA@5V DC (PCB version)			100µA@1V DC
	Dimensions (W x D x H) mm	12.7 x 28.8 x 33			

		Push-In Terminal Din Rail Mount	Finger-safe DIN rail Mount	PCB Mount	
Sockets	Blade Models	RJ1S (Std)	SJ1S-21L	SJ1S-07LW	SJ1S-61
		RJ2S (Std) RJ22S	SJ2S-21L	SJ2S-07LW	SJ2S-61
	PCB Models	RJ1V (Std)	-	SQ1V-07B	SQ1V-63
		RJ1V (HC) , RJ2V/RJ22V	-	SQ2V-07B	SQ2V-63

Description	Use With Socket	Part Number	
Accessories	Hold Down Springs	SJ1S-05BW, SJ1S-07LW SJ2S-05BW, SJ2S-07LW	SJ9Z-CM
		SQ1V-07B, SQ2V-07B	SQ9Z-C
		SQ1V-63, SQ2V-63	SQ9Z-C63
	DIN rail	SJ1S-05BW, SJ2S-05BW SJ1S-07LW, SJ2S-07LW	BNDN1000 BNL-5
		Jumpers	2 Poles
	5 Poles		SJ9Z-JF5
	8 Poles		SJ9Z-JF8
	10 Poles		SJ9Z-JF10
	Marking Plate	Finger-safe Sockets (only)	SJ9Z-PWPN10

Top Selling RJ Relays	
Part Number	Description
RJ1S-C-A120	Relay SPDT 12A 120V AC Coil
RJ1S-C-D24	Relay SPDT 12A 24V DC Coil
RJ1S-CL-D24	Relay SPDT 12A 24V DC Coil, LED
RJ1S-CLD-D24	Relay SPDT 12A 24V DC, LED, Diode
RJ2S-CL-A120	Relay DPDT 8A 120V AC Coil, LED
RJ2S-CL-A24	Relay DPDT 8A 24V AC Coil, LED
RJ2S-CL-D24	Relay DPDT 8A 24V DC Coil, LED
RJ2S-CLD-D24	Relay DPDT 8A 24V DC Coil, LED, Diode
RJ2S-C-A240	Relay DPDT 8A 240V AC, Coil
RJ22S-C-A24	Bifurcated Contacts DPDT AC24



# RH Series - Compact Power Relays



- Small, industrial 10A General Purpose relay
- SPDT, DPDT, 3PDT, 4PDT contacts
- Options: Indicator LED, check-button, top-mounting and surge-suppression diodes
- DIN rail, through panel, and PCB-type sockets available
- SPDT and DPDT 500K cycle UL tested for maximum life expectancy
- RoHS compliant



**RH 1 B - U L AC24**

**Contact Configuration**  
**1:** SPDT  
**2:** DPDT  
**3:** 3PDT  
**4:** 4PDT

**Terminal Type**  
**B:** Blade (.187")  
**V2:** PCB

**Options**  
**Blank:** Standard Relay  
**L:** Indicator Light  
**C:** Check button  
**T:** Top Mounting\*  
**D:** Diode (DC Coil Voltage Only)

**Coil Voltage**  
**AC6**  
**AC12**  
**AC24**  
**AC120**  
**AC240**

**DC6**  
**DC12**  
**DC24**  
**DC48**  
**DC110**

\*Diode, Indicator light, and check button not available with top mount option  
 1. For RH2B use AC110-120V  
 2. For RH2B use AC220-240V  
 3. For RH2B use DC100-110V

		RH1	RH2	RH3	RH4
Specs	Contact Material	Silver cadmium oxide (AgCdO)			
	Contact Rating	10A			
	Minimum Load (reference values)	30mA@24V DC, 100mA@5V DC			
	Dimensions (W x D x H) mm	14 x 27.5 x 42	21 x 27.5 x 42	31 x 27.5 x 42	41 x 27.5 x 42

		Finger-safe DIN rail Mount	Through Panel Mount	PCB Mount
Sockets (for Blade Terminal Models)	RH1B	SH1B-05C	SH1B-51	SH1B-62
	RH2B	SH2B-05C	SH2B-51	SH2B-62
	RH3B	SH3B-05C	SH3B-51	SH3B-62
	RH4B	SH4B-05C	SH4B-51	SH4B-62

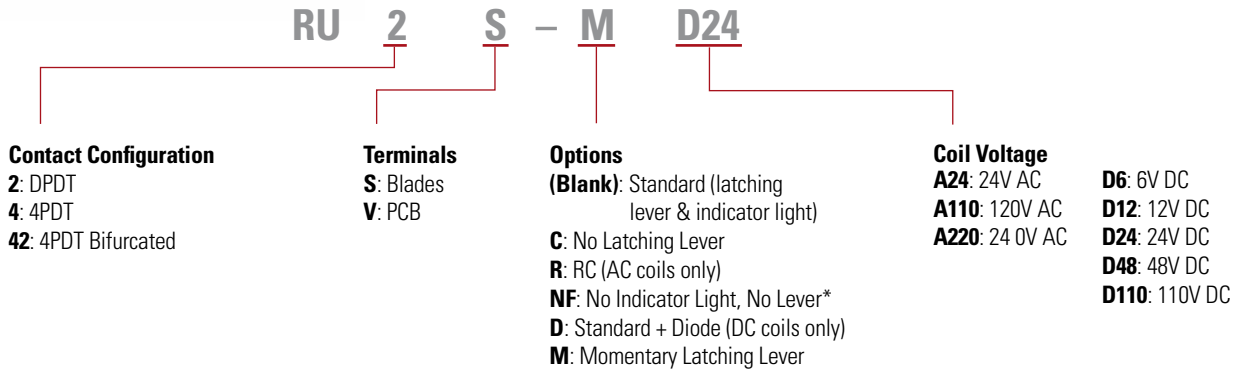
		Relays / Sockets	Description	For DIN rail mount Socket	For Through Panel & PCB Mount Socket
Accessories	Hold Down Springs & Clips	RH1B	Pullover Wire Spring	SY2S-02F1	SY4S-51F1
		RH2B		SY4S-02F1	
		RH3B		SH3B-05F1	
		RH4B		SH4B-02F1	
	DIN rail	All DIN rail mount sockets	Aluminum DIN rail (1 meter length) DIN rail End Stop	BNDN1000 BNL-5	- -

Top Selling RH Relays	
Part Number	Description
RH2B-ULAC24	RH Relay, DPDT, with Indicator Light 24V AC
RH1B-ULAC24	RH Relay, SPDT, with Indicator Light 24V AC
RH2B-UAC110-120	RH Relay, DPDT, 110-120V AC
RH2B-UTAC110-120	RH Relay, DPDT, Top Mount, 110-120V AC
RH2B-ULAC110-120	RH Relay, SPDT, with Indicator Light, 110-120V AC
RH1B-UDC24	RH Relay, SPDT, 24V DC
RH1B-UAC120	RH Relay, SPDT, 120V AC
RH3B-ULAC24	RH Relay, 3PDT, with Indicator Light, 24V AC
RH4B-ULAC120	RH Relay, 4PDT, with Indicator Light, 120V AC
RH1B-UCDC24	RH Relay, SPST, Check button, 24V DC

# RU Series - Universal Relays



- DPDT 10A, 4PDT 6A and bifurcated 4PDT 3A contacts
- Spot-welding technology eliminates internal wires and solder
- Non-polarized, green LED
- Color-coded, snap-on marking plates
- RoHS compliant



\* NF version only available with PCB terminals

		RU2	RU4	RU42
Specs	Contact Material	AgSn0In	AuAg/Ag	AuAg/AgNi
	Contact Rating	10A	6A	3A (bifurcated)
	Minimum Load (reference values)	5mA@24V DC		
	Dimensions (W x D x H) mm	21 x 27.5 x 41.4		

		Push-in terminal DIN rail Mount	Finger-safe DIN rail Mount	Panel Mount	PCB Mount
Sockets	RU2S (DPDT)	SU2S-21L	SM2S-05C	SY4S-51	SM2S-61
	RU4S (4PDT)	SU4S-21L	SY4S-05C		SM2S-62
	RU42S (4PDT)				SY4S-61
					SY4S-62

Relays / Sockets		Description	For DIN rail Mount Socket	For Through Panel & PCB Mount Socket	
Accessories	Hold Down Springs & Clips	RU2S/RU4S/RU42S	Pullover Wire Spring	SY4S-02F1	SY4S-51F1
		RU2S/RU4S/RU42S	Leaf Spring (side latch)	SFA-202	SFA-302
		RU2S/RU4S/RU42S	Leaf Spring (top latch)	SFA-101	SFA-301
	DIN rail	All DIN rail mount sockets	Aluminum DIN rail (1 meter length)	BNDN1000	-
			DIN rail End Stop	BNL-5	-
	Marking Plate	All RU Relays	Replacement Marking Plates	RU9Z-P* (*Specify color code. A: orange, G: green, W: white, Y: yellow)	

Top Selling RU Relays	
Part Number	Description
RU4S-C-A110	RU Relay, 4PDT, No Latching Lever, 110V AC
RU4S-C-D24	RU Relay, 4PDT, No Latching Lever, 24V DC
RU4S-D24	RU Relay, 4PDT, Standard, 24V DC
RU4S-M-A110	RU Relay, 4PDT, Momentary Latch Lever, 110V AC
RU2S-C-A110	RU Relay, DPDT, No Latching Lever, 110V AC
RU2S-CD-D24	RU Relay, DPDT, No Latching Lever, Diode, 24V DC
RU2S-D24	RU Relay, DPDT, Standard, 24V DC
RU4S-CD-D24	RU Relay, 4PDT, No Latching Lever, Diode, 24V DC
RU42S-C-A110	RU Relay, 4PDT Bifurcated, No Latching Lever, 110V AC
RU42S-M-A110	RU Relay, 4PDT Bifurcated, Momentary Latch Lever, 110V AC

# RR Series - Power Relays



- Rugged, industrial 10A relay
- SPDT, DPDT, 3PDT 10A contacts
- Options: Indicator LED, check button and side-flange mounting
- Round 8 and 11 pin base and square-blade base relays
- Horsepower rated for small motors and solenoids
- RoHS compliant



**RR 1**      **BA** - **U**      **L**      **AC120**

**Contact Configuration**  
**1:** SPDT\*\*  
**2:** DPDT  
**3:** 3PDT



**Terminal Type**  
**P:** 8 Pin (DPDT)  
**PA:** 11 Pin (3PDT)  
**B:** Blade (3PDT)  
**BA:** Blade (SPDT, DPDT)

**Options**  
**L:** Indicator Light  
**C:** Check button  
**LC:** Indicator & Check button  
**S:** Side Flange\* \*\*

**Coil Voltage**  
**AC6**      **DC6**  
**AC12**      **DC12**  
**AC24**      **DC24**  
**AC120**      **DC48**  
**AC240**      **DC110**

\* Indicator light and check button not available  
 \*\* Available in blade type only

		RR2P	RR3PA	RR1BA	RR2BA	RR3B
Specs	Contact Material	Silver (Ag)				
	Contact Rating	10A				
	Minimum Load (reference values)	10mA@24V DC, 20mA@5V DC				
	Dimensions (W x D x H) mm	29.3 x 36.4 x 56	36.4 x 36.4 x 56	36.4 x 36.4 x 55.4		

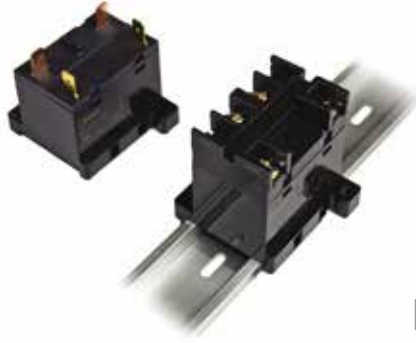
		Finger-safe DIN rail Mount	Through Panel Mount
			
Sockets	RR2P	SR2P-05C	SR2P-51
	RR3PA	SR3P-05C	SR3P-51
	RR1BA	-	SR3B-51
	RR2BA		
	RR3B		

Relays / Sockets		Description	For DIN Mount Socket	For Through Panel Mount Socket
Accessories	Hold Down Springs & Clips	RR2P	SR2B-02F1	SR3P-01F1
		RR3PA	SR3B-02F1	
		RR1BA, RR2BA, RR3B	SR3B-02F1	SR3B-02F1
	DIN rail Sockets	All DIN rail Mount Sockets	Aluminum DIN rail (1 meter length)	BNDN1000
DIN rail End Stop			BNL-5	-

Top Selling RR Relays	
Part Number	Description
RR3B-ULAC120	RR Relay, 3PDT, Blade Type, Indicator Light, 120V AC
RR2P-UAC120	RR Relay, DPDT, 8 Pin, 120V AC
RR3B-ULCAC120	RR Relay, 3PDT, Blade Type, Indicator Light, Check button, 120V AC
RR2P-ULAC120	RR Relay, DPDT, 8 Pin, Indicator Light, 120V AC
RR2P-UDC24	RR Relay, DPDT, 8 Pin, 24V DC
RR2P-ULDC24	RR Relay, DPDT, 8 Pin, Indicator Light, 24V DC
RR3B-UAC120	RR Relay, 3PDT, Blade Type, 120V AC
RR2P-ULCAC120	RR Relay, DPDT, 8 Pin, Indicator Light, Check button, 120V AC
RR3B-USAC24	RR Relay, 3PDT, Blade Type, Side Flange, 120V AC
RR3PA-UAC120	RR Relay, 3PDT, 11 Pin, 120V AC



# RL Series – Power Relays



- Double Make Form X contacts
- Single pole rated at 30A, double pole at 25A
- 3HP at 277V AC, 1.5HP at 120V AC
- Flange mount or DIN rail mount with panel mount tabs
- #250 quick-connect or screw terminations
- AC or DC Coil Inputs
- Designed for motor, lighting, and heater loads
- RoHS compliant



**RL 1 B – T – A 100**

**Contact Configuration**  
**1:** 1 Form X  
**2:** 2 Form X

**Terminals**  
**B:** Quick Connect Terminal  
**N:** Screw Terminal

**Mounting**  
**T:** Flange Mount  
**D:** DIN rail Mount with panel mount tabs

**Voltage**  
**D:** DC (Voltage: 12, 24V)  
**A:** AC 50/60Hz (Voltage: 24, 100-120, 200-240V)

**Input Volatage**  
**12:** 12V  
**24:** 24V  
**100:** 100-120V  
**200:** 200-240V

		RL1	RL2
Specs	Contact Material	AG Alloy	
	Contact Rating	250V AC 30A, 30V DC 30A	250V AC 25A, 30V DC 25A
	Allowable Switching Current	30A	25A
	Dimensions (W x D x H) mm	67 x 54 x 54	

		Part Number	Description
Accessories		RL9Z-C	Clear Screw Terminal Cover

# RY Series - Miniature Relays



- Small, industrial General Purpose signaling relay
- DPDT 3A,
- Options: Indicator LED, check-button and surge-suppression diode
- Plug-in/solder and PCB terminals
- RoHS compliant



**RY 2 S – U L AC24V**

**Contact Configuration**  
**2:** DPDT

**Terminal Type**  
**S:** Blade (.110")  
**V:** PCB

**Options**  
**L:** Indicator Light  
**C:** Check button  
**T:** Top Bracket\*  
**D:** Diode\*\*

**Coil Voltage**  
**AC6V** DC6V  
**AC12V** DC12V  
**AC24V** DC24V  
**AC120V** DC48V  
**AC240V** DC110V

\* Diode, indicator light, and check button not available  
 \*\* Diode for DC coils only

		Finger-safe DIN rail Mount	Through Panel Mount	PCB Mount
Sockets	RY2S	SY2S-05C	SY2S-51	SY2S-61

		RY2
Specs	Contact Material	Silver (Ag), gold-plated
	Contact Rating	3A
	Minimum Load (reference values)	10mA@5V DC, 5mA@24V DC
	Dimensions (W x D x H) mm	14.2 x 27.5 x 41.5

		Relays / Sockets	Description	For DIN Mount Socket	For Through Panel & PCB Mount Socket
Accessories	Hold Down Springs & Clips	RY2S	Pullover Wire Spring	SY4S-02F1	SY4S-51F1
		RY2S	Leaf Spring (side latch)*	SFA-202	SFA-302
		RY2S	Leaf Spring (top latch)*	SFA-101	SFA-301
	DIN rail	All DIN rail mount sockets	Aluminum DIN rail (1 meter length)	BNDN1000	–
			DIN rail End Stop	BNL-5	–

\*Not applicable for PCB mount sockets

# RF1V Series - Force-Guided 4-Pole and 6-Pole Relays



- Compact and EN compliant Force-Guided relays
- Force-guided contact mechanism (EN50205 Type A TÜV approved)
- Contact configuration:  
4-pole (2NO-2NC, 3NO-1NC)  
6-pole (4NO-2NC, 5NO-1NC, 3NO-3NC)
- Built-in LED indicator available
- Built-in Counter-Electromotive Force Diode and LED indicator available
- RoHS compliant



**RF1V** – **2A2B**      **L** – **D48**

**Contact Configuration**  
**2A2B:** 4-Pole, 2NO-2NC  
**3A1B:** 4-Pole, 3NO-1NC  
**4A2B:** 6-Pole, 4NO-2NC  
**5A1B:** 6-Pole, 5NO-1NC  
**3A3B:** 6-Pole, 3NO-3NC

**LED Indicator**  
**Blank:** No Indicator  
**L:** LED Indicator  
**LD1:** Counter-EMF Diode and LED Indicator

**Coil Voltage**  
**D12:** 12V DC  
**D24:** 24V DC  
**D48:** 48V DC

		4-Pole	6-Pole
Specs	Contact Material	AgSnO <sub>2</sub> (Au flashed)	
	Contact Rating	6A@250V AC, 6A@30V DC	
	Minimum Load (reference values)	5V DC 1mA	
	Dimensions (W x D x H) mm	13 x 40 x 27.5	13 x 50 x 27.5

		Relays	Finger-safe DIN rail/Panel Mount	PCB Mount
Sockets	RF1V (4 pole)		SF1V-4-07L	SF1V-4-61
	RF1V (6 pole)		SF1V-6-07L	SF1V-6-61

# RF2V/RF2S Series – Force-Guided 2-Pole Relays



- 2-Pole Force-Guided relay contact mechanism (EN50205 Type A TUV Approved)
- Mechanical indicator shows contact status
- RTIII degree of protection, LED indicator and Diode models available
- Can be used with SJ Series Sockets



**RF**      **2**      **S**      –      **1A1B**      **LD1**      **K**      –      **D24**

**Series**      **No. of Poles**      **Terminal Style**      **Contact Configuration**      **Option**      **Degree of Protection**      **Rated Coil Voltage**

**2:** 2-Pole      **S:** Plug-in  
**V:** PC Board      **1A1B:** SPST-NO + SPST-NC  
**2C:** DPDT      **Blank:** Standard  
**L:** With LED Indicator  
**D:** With Diode  
**D1:** With Diode of reverse polarity coil  
**LD:** With LED Indicator & Diode  
**LD1:** With LED Indicator & Diode of reverse polarity coil      **Blank:** RTII  
**K:** RTIII      **D12:** 12V DC  
**D24:** 24V DC  
**D48:** 48V DC

		2-Pole
Specs	Contact Material	AgNi+AU-Clad
	Contact Rating	NO - 6A@240V AC, 6A@24V DC NC - 3A@240V AC, 3A@24V DC
	Minimum Load (reference values)	1V DC, 1mA
	Dimensions (W x D x H) mm	28 x 12.7 x 25.4

		Standard DIN rail Mount	Finger-safe DIN rail Mount	PCB Mount
Sockets	RF2	SJ2S-05BW	SJ2S-07LW	SJ2S-61

# Printed Circuit Board Mount Relays - (PCB Mount)

## RV1H Series – Interface Relays



- Gold-plated contacts
- 6A contact rating on 6mm RV1H, 8A on RV2H-1HG1, 16A rating on RV1H-2G
- Operating temperature of -40°C ~ 70°C
- RoHS compliant

**RV1H** – **1HG1** – **D12**

**Relay Width**  
**RV1H:** 6mm  
**RV2H:** 14mm

**Contact Configuration**  
**G:** SPDT (6mm)  
**2G:** SPDT (14mm)  
**1HG1:** DPDT (14mm)

**Coil Voltage**  
**D5:** 5V DC  
**D6:** 6V DC  
**D9:** 9V DC  
**D12:** 12V DC  
**D18:** 18V DC  
**D24:** 24V DC  
**D48:** 48V DC  
**D60:** 60V DC  
**D110:** 110V DC

## RJ Series - PCB Mount Relays



- RJ Slim GP Relay ideal for space-saving application
- Compact size: 12.7 x 25.5 x 28.8mm
- Long electrical life and mechanical life
- Electrical life: 200,000 cycles (AC Load) and 100,000 cycles (DC Load)
- Mechanical life: 30 million cycles (AC coil) and 50 million cycles (DC coil)
- RoHS compliant (2002/95/EC)

**RJ1** – **V** – **C** – **H** – **D24**

**Number of Poles**  
**1:** SP  
 (Single Pole)  
**2:** DP  
 (Double Pole)

**Contact Configuration**  
**C:** FORM C  
 (DT Double Throw)  
**A:** FORM A  
 (ST Single Throw)

**Contact Configuration**  
**Blank:** Standard  
**H:** High Capacity Type  
 (RJ1 only)

**Coil Voltage**  
**D5:** 5V DC  
**D6:** 6V DC  
**D12:** 12V DC  
**D24:** 24V DC  
**D48:** 48V DC  
**D100:** 100-110V DC  
**A24:** 24V AC  
**A120:** 120V AC  
**A240:** 240V AC

Top Selling RV1H and RV2H Relays

Part Number	Description
RV1H-G-D12	RV1H Relay, 6mm, SPDT, 12V DC
RV1H-G-D24	RV1H Relay, 6mm, SPDT, 24V DC
RV1H-G-D5	RV1H Relay, 6mm, SPDT, 5V DC
RV1H-G-D60	RV1H Relay, 6mm, SPDT, 60V DC
RV1H-G-D9	RV1H Relay, 6mm, SPDT, 9V DC
RV2H-1HG1-D110	RV2H Relay, 14mm, SPDT, 110V DC
RV2H-1HG1-D24	RV2H Relay, 14mm, SPDT, 24V DC
RV2H-1HG1-D48	RV2H Relay, 14mm, SPDT, 48V DC
RV2H-2G-D110	RV2H Relay, 14mm, DPDT, 110V DC
RV2H-2G-D24	RV2H Relay, 14mm, DPDT, 24V DC

Top Selling RJ Relays

Part Number	Description
RJ2V-C-D24	RJ2V Relay, DPDT, 24V DC
RJ2V-C-A24	RJ2V Relay, DPDT, 24V AC
RJ2V-C-A120	RJ2V Relay, DPDT, 120V AC
RJ1V-C-D24	RJ1V Relay, SPDT, 24V DC
RJ1V-AH-D12	RJ1V Relay, SPST, 12V DC
RJ1V-CH-D24	RJ1V Relay, SPDT, High Capacity, 24V DC
RJ2V-C-D12	RJ2V Relay, DPDT, 12V DC
RJ1V-CH-A120	RJ1V Relay, SPDT, High Capacity, 120V AC
RJ1V-A-D24	RJ1V Relay, SPST, 24V AC
RJ1V-AH-D5	RJ1V Relay, SPST, High Capacity, 5V DC

## RSC Series – Solid State Relays



- Choice of 20A, 30A and 45A models
- Slim design allows for compact DIN rail or panel mounting
- Built-in heat sink
- Epoxy-free design and improved thermal impedance
- LED indicator
- Finger-safe terminals
- Zero voltage switching

**RSC A1N – 10A**

### Input Voltage

**A1N:** AC (90-140V AC)  
**A2N:** AC (180-280V AC)  
**DN:** DC (4-32V DC)

### Continuous Output Current

**20A:** 20 Amp  
**30A:** 30 Amp  
**45A:** 45 Amp

Top Selling RSC Relays	
Part Number	Description
RSCA1N-20A	RSC Relay, Input 90 -140V AC, output 20A
RSCA1N-30A	RSC Relay, Input 90 -140V AC, output 30A
RSCA1N-45A	RSC Relay, Input 90 -140V AC, output 45A
RSCA2N-20A	RSC Relay, Input 180-280V AC, output 20A
RSCA2N-45A	RSC Relay, Input 180-280V AC, output 45A
RSCDN-20A	RSC Relay, Input 4 - 32V DC, output 20A
RSCDN-30A	RSC Relay, Input 4 - 32V DC, output 30A
RSCDN-45A	RSC Relay, Input 4 - 32V DC, output 45A

## RSS Series – Solid State Relays



- Current ratings up to 90A at 660V AC
- AC (90-280V) or DC (4-32V) input
- Input current regulated 10mA
- Photo isolation of input and output (up to 4000V)
- Zero voltage turn on
- Dual SCR output with built-in snubber

**RSS AN – 10A**

### Input Voltage

**AN:** 90-280V AC  
**DN:** 3-32V DC

### Continuous Output Current

**10A:** 10 Amp  
**25A:** 25 Amp  
**50A:** 50 Amp  
**75A:** 75 Amp  
**90A:** 90 Amp

Top Selling RSS Relays	
Part Number	Description
RSSAN-10A	RSS Relay, AC input, 10 Amp output
RSSAN-25A	RSS Relay, AC input, 25 Amp output
RSSAN-50A	RSS Relay, AC input, 50 Amp output
RSSAN-75A	RSS Relay, AC input, 75 Amp output
RSSAN-90A	RSS Relay, AC input, 90 Amp output
RSSDN-10A	RSS Relay, DC input, 10 Amp output
RSSDN-25A	RSS Relay, DC input, 25 Amp output
RSSDN-50A	RSS Relay, DC input, 50 Amp output
RSSDN-75A	RSS Relay, DC input, 75 Amp output
RSSDN-90A	RSS Relay, DC input, 90 Amp output

## RV8S Series – Solid State Interface Relays



- Long electrical life
- Pre-assembled relay and DIN rail mount socket
- Built-in LED indicator
- Screw and spring-clamp socket terminations
- Operating temperature: -20 to +70C
- RoHS compliant

**RV8S – L – D24 – D24**

### Terminal

**L:** Screw  
**S:** Spring Clamp

### Output Voltage

**D24:** 24V DC  
**D48:** 48V DC  
**A240:** 240V AC  
**A240Z:** 240V AC Zero Crossing

### Input Voltage

**6V:** 6V DC  
**24V:** 24V DC  
**120V:** 120V AC  
**240V:** 240V AC

Top Selling RV8S Relays	
Part Number	Description
RV8S-L-D24-D24	RV8S Relay, Screw Terminal, Input 24V DC, output 24V DC
RV8S-S-D24-D24	RV8S Relay, Spring Clamp, Input 24V DC, output 24V DC
RV8S-L-A240Z-D24	RV8S Relay, Screw Terminal, Input 24V DC, output 240V, Zero Crossing
RV8S-S-D48-D6	RV8S Relay, Spring Clamp, Input 6V DC, output 48V DC
RV8S-S-D48-D24	RV8S Relay, Spring Clamp, Input 24V DC, output 48V DC
RV8S-L-D48-D24	RV8S Relay, Screw Terminal, Input 48V DC, output 24V DC
RV8S-S-D24-D6	RV8S Relay, Spring Clamp, Input 24V DC, output 6V DC
RV8S-L-A240-D24	RV8S Relay, Screw Terminal, Input 24V DC, output 240V AC
RV8S-L-D24-A120	RV8S Relay, Screw Terminal, Input 120V AC, output 24V DC

# Relay & Socket Cross Reference Guide

Allen-Bradley		IDEC
700-HA32		RR2P
700-HA33		RR3PA
700-HAB2		RR2P
700-HAB3		RR3PA
700-HAX2		RR2P
700-HAX3		RR3PA
700-HB32		RR2BA
700-HB33		RR3B
700-HC14		RU4S
700-HC24		RU4S
700-HC54		RU42S
700-HD32		RR2BA-US
700-HD33		RR3B-US
700-HF32		RH2B
700-HF33		RH3B
700-HF34		RH4B
700-HK32_		RJ2S-C
700-HK32_4L		RJ2S-CL
700-HK36		RJ1S-C
700-HK36_4L		RJ1S-CL
700-HLT12Z48		RV8H-L-D48
700-HLT12Z48X		RV8H-L-D48
700-HLT1U1		RV8H-L-AD110
700-HLT1U12		RV8H-L-AD12
700-HLT1U12X		RV8H-L-AD12
700-HLT1U1X		RV8H-L-AD110
700-HLT1U2		RV8H-L-AD220
700-HLT1U24		RV8H-L-AD24
700-HLT1U24X		RV8H-L-AD24
700-HLT1U2X		RV8H-L-AD220
700-HLT1U48		RV8H-L-AD48
700-HLT1U48X		RV8H-L-AD48
700-HLT1Z12		RV8H-L-D12
700-HLT1Z12X		RV8H-L-D12
700-HLT1Z24		RV8H-L-D24
700-HLT1Z24X		RV8H-L-D24
700-HLT2Z48		RV8H-S-D48
700-HLT2U1		RV8H-S-AD110
700-HLT2U12		RV8H-S-AD12
700-HLT2U2		RV8H-S-AD220
700-HLT2U24		RV8H-S-AD24
700-HLT2U48		RV8H-S-AD48
700-HLT2Z12		RV8H-S-D12
700-HLT2Z24		RV8H-S-D24
700-HPX2		RQ2V-CN
700-TBR12		RV1H-G-D12
700-TBR24		RV1H-G-D24
700-TBR48		RV1H-G-D48
700-TBR60		RV1H-G-D60
700-HN116		SH2B-05
700-HN121		SJ1S-05B
700-HN122		SJ2S-05B
700-HN123		SQ2V-07B
700-HN125		SR2P-06
700-HN126		SR3P-06
700-HN128		SY4S-05
700-HN138		SH3B-05
700-HN139		SH4B-05
700-HN154		SR3B-05
700-HN177		SV9Z-SAW
700-TBJ20*		SV9Z-J20*
1492-MC6X10		SV9Z-PW16
ABB		IDEC
Relays	D 2,5/5-MP-24VDC	RV1H-G-D24
	D 2,5/5-MP-48VDC	RV1H-G-D48
	D 2,5/5-R121AL-24VAC/DC	RV8H-L-AD24
	D 2,5/5-R121AL-48VAC/DC	RV8H-L-AD48

Relays	D 2,5/5-R121BL-110VAC	RV8H-L-AD110
	D 2,5/5-R121BL-230VAC	RV8H-L-AD220
	D 2,5/5-R121L-24VDC	RV8H-L-D24
Socket	RC55	SV9Z-PW16
Cutler-Hammer		IDEC
	D2PR2	RU2S
	D2PR4	RU4S
	D3PR2	RR2P
	D3PR3	RR3PA
	D3PR5	RR2KP
	D5PR2	RR2P
	D5PR3	RR2P
Relays	D7PR2	RH2B
	D7PR3	RH3B
	D7PR4	RH4B
	XRR1D12	RV1H-G-D12
	XRR1D24	RV1H-G-D24
	XRU1D12	RV8H-L-D12
	XRU1D120U	RV8H-L-AD110
	XRU1D24	RV8H-L-D24
	XRU1D24U	RV8H-L-AD24
	D2PA4	SY4S-05
	D2PA6	SY4S-05
	D5PA2	SR3B-05
	D3PA2	SR2P-05
	D3PA3-A2	SR3P-06
Socket	D3PA4	SR2P-51
	D3PA2	SR2P-05
	D7PA2	SH2B-05
	D7PA5	SH2B-51
	D7PA3	SH3B-05
	D7PA4	SH4B-05
Cyberdyn		IDEC
Relay	HJQ-22F	RU4S
Socket	PYF14A-A	SY4S-05
Finder		IDEC
	34.51.7.005.0010	RV1H-G-D6
	34.51.7.012.0010	RV1H-G-D12
	34.51.7.024.0010	RV1H-G-D24
	34.51.7.048.0010	RV1H-G-D48
	34.51.7.060.0010	RV1H-G-D60
	38.51.0.012.5060	RV8H-L-AD18
	38.51.0.024.5060	RV8H-L-AD24
	38.51.0.048.5060	RV8H-L-AD48
	38.51.0.060.5060	RV8H-L-AD60
	38.51.0.125.5060	RV8H-L-AD110
	38.51.0.240.5060	RV8H-L-AD220
Relays	38.51.7.006.5050	RV8H-L-D6
	38.51.7.012.5050	RV8H-L-D12
	38.51.7.024.5050	RV8H-L-D24
	38.51.7.048.5050	RV8H-L-D48
	38.61.0.012.5060	RV8H-S-AD18
	38.61.0.024.5060	RV8H-S-AD24
	38.61.0.048.5060	RV8H-S-AD48
	38.61.0.060.5060	RV8H-S-AD60
	38.61.0.125.5060	RV8H-S-AD110
	38.61.0.240.5060	RV8H-S-AD220
	38.61.7.006.5050	RV8H-S-D6
	38.61.7.012.5050	RV8H-S-D12
	38.61.7.024.5050	RV8H-S-D24
	38.61.7.048.5050	RV8H-S-D48
Relays con't	41.31./40.31.	RQ1V-CM
	41.52./40.52.	RQ2V-CN
	41.61./40.61.	RQ1V-CH
	46.61._0	RJ1S-C
	40.52.	RJ2V-C

	93.01	SV9Z-PW16
	93.2	SV9Z-J20*
	93.64	SV9Z-SAW
Socket	93.01.0.024	SV1H-07L-1
	93.01.0.060	SV1H-07L-2
	93.01.0.125	SV1H-07L-3
	93.01.0.240	SV1H-07L-4
	93.51.0.024	SV1H-07LS-1
	93.51.0.060	SV1H-07LS-2
	93.51.0.125	SV1H-07LS-3
	93.51.0.240	SV1H-07LS-4
	95.03/95.83.3	SQ1V-07B
	95.05/95.85.3	SQ2V-07B
	94,64	SU4S
Omron		IDEC
	G2R-1	RQ1V-CM
	G2R-1-E	RQ1V-CH
	G2R-1-S	RJ1S-C
	G2R-1-SN	RJ1S-CL
	G2R-1-SND	RJ1S-CLD-/RJ1S-CLR-
	G2R-1-SD	RJ1S-CD-/RJ1S-CR-
	G2R-2	RQ2V-CN
	G2R-2-S	RJ2S-C
	G2R-2-SN	RJ2S-CL
	G2R-2-SND	RJ2S-CLD-/RJ2S-CLR-
	G2R-2-SD	RJ2S-CD-/RJ2S-CR-
	G2RL-1	RQ1V-CM
	G2RL-1-E	RQ1V-CH
	G2RL-2	RQ2V-CN
	G2RV-1-S DC11	RV1H-G-D12
	G2RV-1-S DC21	RV1H-G-D24
	G2RV-1-S DC48	RV1H-G-D48
	G2RV-SL500-AC/DC24	RV8H-S-AD24
	G2RV-SL500-AC/DC48	RV8H-S-AD48
	G2RV-SL500-AC110	RV8H-S-AD110
	G2RV-SL500-AC230	RV8H-S-AD220
	G2RV-SL500-DC12V	RV8H-S-D12
	G2RV-SL500-DC24V	RV8H-S-D24
	G2RV-SL700-AC/DC24	RV8H-L-AD24
	G2RV-SL700-AC/DC48	RV8H-L-AD48
	G2RV-SL700-AC110	RV8H-L-AD110
	G2RV-SL700-AC230	RV8H-L-AD220
	G2RV-SL700-DC12V	RV8H-L-D12
	G2RV-SL700-DC24V	RV8H-L-D24
	G7SA-2A2B	RF1V-2A2B
	G7SA-3A1B	RF1V-3A1B
	G7SA-3A3B	RF1V-3A3B
	G7SA-4A2B	RF1V-4A2B
	G7SA-5A1B	RF1V-5A1B
	LY2	RH2
	LY3	RH3
	LY4	RH4
	MJN1	RR1BA
	MJN2	RR2BA
	MJN3	RR3B
	MK2P	RR2P
	MK3P	RR3PA
	MRL	RR2KP
	MY2-	RU2
	MY4-	RU4/R4
	MY2IN-	RU2S-
	MY2IN-D2	RU2S-D-
	MY2IN-CR	RU2S-R-
	MY2N-	RU2S-C-
	MY2-D	RU2S-CD-
	MY2N-D2	RU2S-CD-
	MY2-CR	RU2S-CR-
	MY2N-CR	RU2S-CR-
	MY4IN-	RU4S-



Omron		IDEC
Relays	MY4IN-D2	RU4S-D-
	MY4IN-CR	RU4S-R-
	MY4N-	RU4S-C-
	MY4-D	RU4S-CD-
	MY4N-D2	RU4S-CD-
	MY4-CR	RU4S-CR-
	MY4N-CR	RU4S-CR-
	MY4ZIN-	RU42S-
	MY4ZIN-D2	RU42S-D-
	MY4ZIN-CR	RU42S-R-
	MY4Z-	RU42S-C-
	MY4ZIN-	RU42S-C-
	MY4Z-D	RU42S-CD-
	MY4ZIN-D2	RU42S-CD-
	MY4Z-CR	RU42S-CR-
	MY4ZIN-CR	RU42S-CR-
	Sockets	P2RF-05
P2RF-05-E		SJ1S-07L
P2RF-08		SJ2S-05B
P2RF-08-E		SJ2S-07L
P2RV-S		SV9Z-SAW
P2RVM-200*		SV9Z-J20*
P7SA-10F		SF1V-4-07L
P7SA-10P		SF1V-4-61
P7SA-14F		SF1V-6-07L
P7SA-14P		SF1V-6-61
PF083A-E		SR2P-06
PF113A-E		SR3P-05
PTF08A-E		SH2B-05
PTF11A		SH3B-05
PTF11PC		SR3B-05
PTF14A-E		SH4B-05
PYF08A-E		SM2S-05
PYF14A-E	SY4S-05	
R99-15 for G2RV	SV9Z-PW16	

Panasonic/Aromat/Matsushita		IDEC	
Relays	AHN1	RJ1S-CL	
	AHN2	RJ2S-CL	
	HL	RH	
	HP	RH	
	HC	RM/RY/RU	
	SFS2	RF1V-2A2B	
	SFS2-L	RF1V-2A2BL	
	SFS2--D	RF1V-2A2BD	
	SFS2-L--D	RF1V-2A2BLD	
	SFS3	RF1V-3A1B	
	SFS3-L	RF1V-3A1BL	
	SFS3--D	RF1V-3A1BD	
	SFS3-L--D	RF1V-3A1BLD	
	SFS4	RF1V-4A2B	
	SF4S-L	RF1V-4A2BL	
	SF4S--D	RF1V-4A2BD	
	SF4S-L--D	RF1V-4A2BLD	
	SF5S	RF1V-5A1B	
	SF5S-L	RF1V-5A1BL	
	SF5S--D	RF1V-5A1BD	
	SF5S-L--D	RF1V-5A1BLD	
	SFS6	RF1V-3A3B	
	SFS6-L	RF1V-3A3BL	
	SFS6--D	RF1V-3A3BD	
	SFS6-L--D	RF1V-3A3BLD	
	Sockets	AHNA11	SJ1S-05B
		AHNA21	SJ2S-05B

Phoenix Contact		IDEC
Relays	PCL-RSP-12DC/21	RV8H-S-D12
	PLC-RSC-120UC/21	RV8H-L-AD110
	PLC-RSC-120UC/21AU	RV8H-L-AD110
	PLC-RSC-12DC/21	RV8H-L-D12
	PLC-RSC-12DC/21AU	RV8H-L-D12

Relays	PLC-RSC-230UC/21	RV8H-L-AD220
	PLC-RSC-230UC/21AU	RV8H-L-AD220
	PLC-RSC-24DC/21	RV8H-L-D24
	PLC-RSC-24DC/21AU	RV8H-L-D24
	PLC-RSC-24UC/21	RV8H-L-AD24
	PLC-RSC-24UC/21AU	RV8H-L-AD24
	PLC-RSC-48DC/21	RV8H-L-D48
	PLC-RSC-48DC/21AU	RV8H-L-D48
	PLC-RSC-12DC/21 C1D2	RV8H-L-D12-C1D2
	PLC-RSC-24DC/21 C1D2	RV8H-L-D24-C1D2
	PLC-RSC-120UC/21 C1D2	RV8H-L-AD110-C1D2
	PLC-RSC-230UC/21 C1D2	RV8H-L-AD220-C1D2
	PLC-RSP-120UC/21	RV8H-S-AD110
	PLC-RSP-230UC/21	RV8H-S-AD220
	PLC-RSP-24DC/21	RV8H-S-D24
	PLC-RSP-24UC/21	RV8H-S-AD24
	PLC-RSP-48DC/21	RV8H-S-D48
Relays con't	PLC-RSP-24DC/21 C1D2	RV8H-S-D24-C1D2
	PLC-RSP-120UC/21 C1D2	RV8H-S-AD110-C1D2
	REL-MR- 12DC/21	RV1H-G-D12
	REL-MR- 12DC/21AU	RV1H-G-D12
	REL-MR- 24DC/21	RV1H-G-D24
	REL-MR- 24DC/21AU	RV1H-G-D24
	REL-MR- 48DC/21	RV1H-G-D48
	REL-MR- 48DC/21AU	RV1H-G-D48
	REL-MR- 60DC/21	RV1H-G-D60
	REL-MR- 60DC/21AU	RV1H-G-D60

Releco (Turck)		IDEC
Relays	C2-A20	RR2P
	C3-A20	RR3PA
	C4-A40	RU4S
	C5-A20	RR2BA
	C5-A30	RR3B
	C7-A20	RH2B
	C9-A41	RU42S
	C10-A10	RJ1S-CL
	S2-B	SR2P-06
	S2-S	SR2P-05C
S2-L	SR2P-51	
S3-B	SR3P-06	
S3-S	SR3P-05C	
S3-L	SR3P-51	
S4-B	SY4S-05C	
S5-S	SR3B-05	
S5-L	SR3B-51	
S7-M	SH2B-05C	
S7-16	SH2B-05C	
S7-L	SH2B-51	
S7-P	SH2B-62	
S9-M	SY4S-05C	
S9-L	SY4S-51	
S9-P	SY4S-62	
S-10	SJ1S-07L	

Relpol		IDEC
Relays	PIR6W-1P-115VAC/DC	RV8H-L-AD110
	PIR6W-1P-115VAC/DC-01	RV8H-L-AD110
	PIR6W-1P-12VDC	RV8H-L-D12
	PIR6W-1P-12VDC-01	RV8H-L-D12
	PIR6W-1P-230VAC/DC	RV8H-L-AD220
	PIR6W-1P-230VAC/DC-01	RV8H-L-AD220
	PIR6W-1P-24VAC/DC	RV8H-L-AD24
	PIR6W-1P-24VAC/DC-01	RV8H-L-AD24
	PIR6W-1P-24VDC	RV8H-L-D24
	PIR6W-1P-24VDC-01	RV8H-L-D24
	RM699V-3011-85-1012	RV1H-G-D12
	RM699V-3011-85-1024	RV1H-G-D24
	RM699V-3011-85-1060	RV1H-G-D60

Sockets	PIR6W-1P-115VAC/DC	SV1H-07L-3
	PIR6W-1P-230VAC/DC	SV1H-07L-4
	PIR6W-1P-24VAC/DC	SV1H-07L-1
	ZG20-1*	SV9Z-J20*

Schneider Electric, Magnecraft Brand		IDEC
Relays	750XB	RR2P
	750XC	RR3PA
	78(1)XAX	RH1B
	782XB	RH2B
	782XB1	RU2S
	782XB2	RU2S
	782XD1	RU4S
	782XD2	RU4S
	782XD3	RU42S
	783XC	RH3B
	784XD	RH4B
	788XB	RR2BA
	788XC	RR3B
	78XC	RH3B
	78XD	RH4B
	A283XAX	RR1BA
	A283XB	RR2BA
A283XC	RR3B	
A314XB	RR2P	
A314XC	RR3PA	
Relays	RSL 1AB4BD	RV1H-G-D24
	RSL 1AB4ED	RV1H-G-D48
	RSL 1AB4JD	RV1H-G-D12
	RSL 1AB4ND	RV1H-G-D60
	RSL 1PRBU	RV8H-S-AD24
	RSL 1PREU	RV8H-S-AD48
	RSL 1PRFU	RV8H-S-AD110
	RSL 1PRJU	RV8H-S-AD12
	RSL 1PRPU	RV8H-S-AD220
	RSL 1PVBU	RV8H-L-AD24
	RSL 1PVEU	RV8H-L-AD48
	RSL 1PVFU	RV8H-L-AD110
	RSL 1PVJU	RV8H-L-AD12
	RSL 1PVPU	RV8H-L-AD220
	W250ACPX	RR2P
	W250CPX	RR3PA
	W388	RR*B
W78(A)CSX	RU4S	
W78(A)R	RH2B	
W78(A)T	RU42S	
Sockets	70-464-1	SR2P-06
	70-465-1	SR3P-06
	70-459-1	SH2B-05
	70-461-1	SY4S-05
	70-783D-1	SH3B-05C
	70-463-1	SR3B-05
	70-124-1	SR3B-51
	70-378-1	SY4S-51
	70-401-1	SH2B-51
	70-402-1	SH2B-62
	70-379-1	SY4S-61
	70-781D-1	SH1B-05
	70-781F-1	SH1B-51
	70-781T-1	SH1B-62
	70-784D-1	SH4B-05C
	70-78D-1	SH4B-05
	RSL ZRA1	SV1H-07LS-1
RSL ZRA2	SV1H-07LS-2	
RSL ZRA3	SV1H-07LS-3	
RSL ZRA4	SV1H-07LS-4	
RSL ZVA1	SV1H-07L-1	

Sockets	RSL ZVA2	SV1H-07L-2
	RSL ZVA3	SV1H-07L-3
	RSL ZVA4	SV1H-07L-4
	RSL Z2	SV9Z-J20*

Square D by Schneider Electric		IDEC
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Relays	8501KF12	RR2BA-US
	8501KF13	RR3B-US
	8501KP12	RR2P
	8501KP13	RR3PA
	8501KU12	RR2BA
	8501KU13	RR3B
	8501RS(D)J14	RU4S
	8501RS(D)J24	RU42S
	8501RS(D)J4	RU4S
	8501RS(D)J41	RH1B
	8501RS(D)J42	RH2B
	8501RS(D)J43	RH3B
	8501RS(D)J44	RH4B

Sockets	8501NR82	SR3B-05
	8501NR52	SR2P-05
	8501NR52F	SR2P-05C
	8501NR62	SR3P-05
	8501NR62F	SR3P-05C
	8501NR61	SR3P-06
	8501NR45	SY4S-05
	8501NR45F	SY4S-05C
	8501NR41	SH1B-05
	8501NR42	SH2B-05
	8501NR42F	SH2B-05C
	8501NR43	SH3B-05
	8501NR34	SH4B-05

TE Connectivity, Potter & Brumfield		IDEC
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Relays	K10	RH2B
	KHAE-11	RM2V
	KHAU-11	RU2S
	KHAU-17	RU4S
	KRP(A)-11	RR2P
	KRP(A)-14	RR3PA
	KUP-11	RR2BA
	KUP-14	RR3B
	KUP-5	RR1BA
	KUP93-11	RR3B
	RT114_F	RQ1V-CM
	RT424_F	RQ2V-CN
	RT314_F	RQ1V-CH

Relays	ST3P3LB2	RV8H-L-D12
	ST3P3LC4	RV8H-L-D24
	ST3P3SM5	RV8H-L-AD110
	ST3P3TP0	RV8H-L-AD220
	ST3P2LC4	RV8H-L-D24
	V23092-S1012-A301	RV1H-G-D12
	V23092-S1024-A301	RV1H-G-D24
	V23092-S1060-A301	RV1H-G-D60
	ST3FLC4	SV1H-07L-1
	ST3FSM5	SV1H-07L-3
	ST3FTP0	SV1H-07L-4

Sockets	8-1415035-1	SQ1V-07B
	6-1415035-1	SQ2V-07B
	27E895	SH2B-05
	27E489	SH2B-62
	27E024	SY4S-62
	27E891	SR2P-06
	27E892	SR2P-05
	27E123	SR3P-06
	27E893	SR3B-05
	27E168	SR3B-51

TE Connectivity, Schrack		IDEC
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Relays	MT2	RR2P
	MT3	RR3PA
	PT2	RU2S
	PT4	RU4S
	RM2	RR2BA
	RM3	RR3B
	RT114	RQ1V-CM
	RT314	RQ1V-CH

Relays	RT424	RQ2V-CN
	ST3P2LC4	RV8H-L-D24
	ST3P3LB2	RV8H-L-D12
	ST3P3LC4	RV8H-L-D24
	ST3P3SM5	RV8H-L-AD110
	ST3P3TP0	RV8H-L-AD220
	ST4P3LB2	RV8H-S-D12
	ST4P3LC4	RV8H-S-D24
	ST4P3SM5	RV8H-S-AD110
	ST4P3TP0	RV8H-S-AD220
	V23092-S1012-A301	RV1H-G-D12
	V23092-S1024-A301	RV1H-G-D24
	V23092-S1060-A301	RV1H-G-D60

Sockets	8-1415035-1	SQ1V-07B
	6-1415035-1	SQ2V-07B
	MT78755	SR2P-06
	MT78750	SR3P-06
	PT78702	SM2S-05
	PT78704	SY4S-05
	27E023/27E220	SY4S-61
	ST3FLC4	SV1H-07L-1
	ST3FSM5	SV1H-07L-3
	ST3FTP0	SV1H-07L-4
	ST4FLC4	SV1H-07LS-1
	ST4FSM5	SV1H-07LS-3
	ST4FTP0	SV1H-07LS-4

Weidmuller		IDEC
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Relays	MRS 5 VDC 1C0	RV8H-L-D6
	MRS 12 VDC 1C0	RV8H-L-D12
	MRS 24 VDC 1C0	RV8H-L-D24
	MRS 24 VUC 1C0	RV8H-L-AD24
	MRS 120 VUC 1C0	RV8H-L-AD110
	MRS 230 VUC 1C0	RV8H-L-AD220
	RSS113012 12Vdc-Rel1U	RV1H-G-D12
	RSS113024 24Vdc-Rel1U	RV1H-G-D24
	RSS112060 60Vdc-Rel1U	RV1H-G-D60
	ZQV 4N / 20 *	SV9Z-J20*
	WS 12/6	SV9Z-PW16

Sockets	WS 12/6	SV9Z-PW16
	ZQV 4N / 20 *	SV9Z-J20*

\*Indicates additional digits required to complete part number.  
 Note that operating differences may occur between "crossed" parts.  
 Always check the specifications.

Note: The cross references listed are the closest match physically and functionally. If you are looking to match a specific application requirement, please refer to our Industrial Automation Catalog. For an evaluation unit or technical support, contact IDEC or call your local sales representative.



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