



Think Automation and beyond...

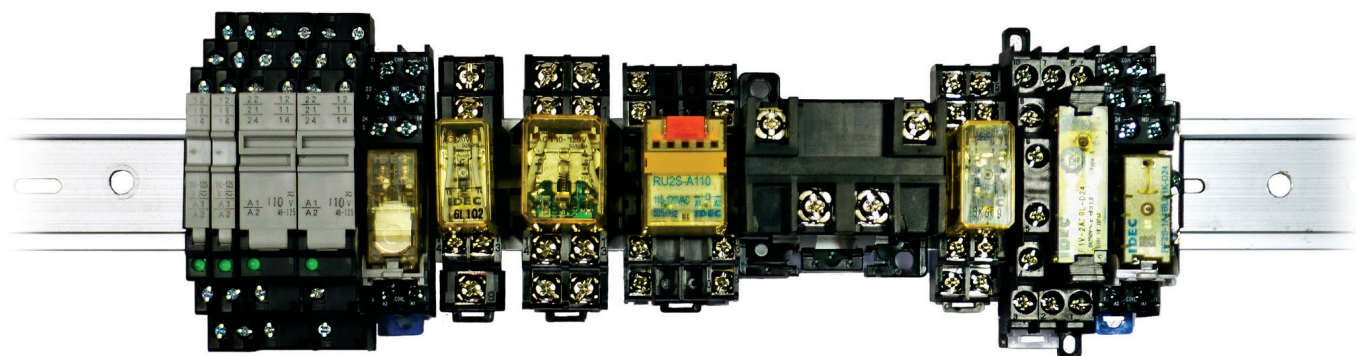
Relay Selection Guide



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

Page 7

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

Page 10

800.262.4332

www.IDEC.com/relays

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

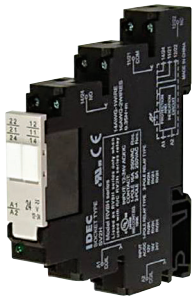
Blank: Standard
C1D2: Class I Division 2 Ratings
HD: High Coil Voltage Dropout

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

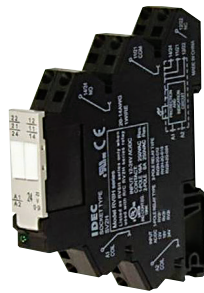
Description		Color	Part Number
Accessories	Jumper (20 combs)	Black	SV9Z-J20B
		Gray	SV9Z-J20W
		Blue	SV9Z-J20S
	Spacer (circuit separator)	—	SV9Z-SA2W
	Marking Plate (10 pcs)	White	SV9Z-PW10

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



(when using combination of RV1H relay and SV1H socket)

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

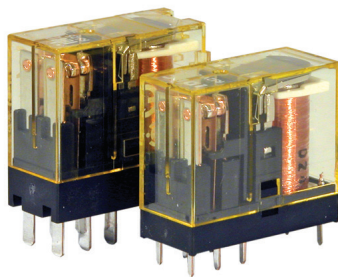
Description		Color	Part Number
Accessories	Jumper (20 combs)	Black	SV9Z-J232B
		Gray	SV9Z-J232W
		Blue	SV9Z-J232S
	Spacer (circuit separator)	—	SV9Z-SA2W
	Marking Plate (10 pcs)	White	SV9Z-PW10

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

800.262.4332

www.IDEC.com/relays

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

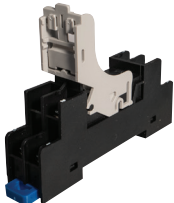


Contact Configuration	Contacts	Terminal	Options	Voltage Code
1: SPDT 2: DPDT	Blank: Standard 2: Bifurcated**	S: Blade V: PCB	C: Standard CL: LED CD: Surge Suppression Diode* CLD: LED & Surge Suppression Diode* CH: High Capacity A: SPST-NO Standard AH: SPST-NO High Capacity	A12: 12V AC A24: 24V AC A120: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

*Diode is only for DC coils.

**Bifurcated contacts available on DPDT relays only

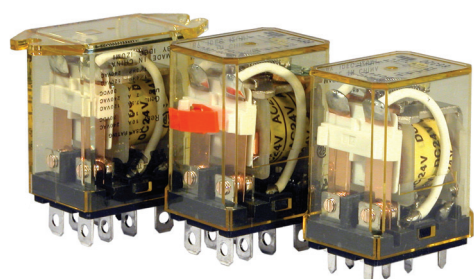
		RJ1S	RJ2S	RJ22S	RJ22V
Specs	Contact Material	Silver-Nickel Alloy		AgNi (gold clad)	
	Contact Rating	12A	8A	1A	1A
	Minimum Load (reference values)	100mA@5V DC, 10mA@5V DC (PCB version)			100µA@1V DC
	Dimensions (W x D x H) mm	12.7 x 28.8 x 33			

			Push-In Terminal Din Rail Mount	Standard DIN rail Mount	Finger-safe DIN rail Mount	PCB Mount
Sockets	Blade Models	RJ1S (Std)				
		RJ2S (Std)	SJ2S-21L	SJ2S-05BW	SJ2S-07LW	SJ2S-61
		RJ22S				
	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	BNDN1000
		SJ1S-07LW, SJ2S-07LW	BNL-5
	Jumpers	2 Poles	SJ9Z-JF2
		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 AC24V

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
AC6V
AC12V
AC24V
AC120V
AC240V

DC6V
DC12V
DC24V
DC48V
DC110V

*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

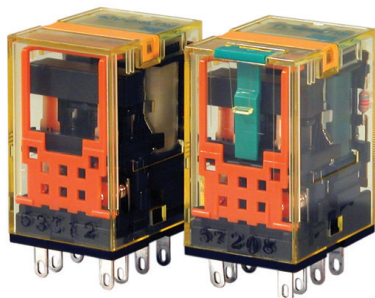
		RH1	RH2	RH3	RH4
Specs	Contact Material	Silver cadmium oxide (AgCdO)			
	Contact Rating	10A			
	Minimum Load (reference values)	30mA@24V DC, 100mA@5V DC			
	Dimensions (W x D x H) mm	14 x 27.5 x 42	21 x 27.5 x 42	31 x 27.5 x 42	41 x 27.5 x 42

		Standard DIN rail Mount	Finger-safe DIN rail Mount	Through Panel Mount	PCB Mount
Sockets (for Blade Terminal Models)					
	RH1B	SH1B-05	SH1B-05C	SH1B-51	SH1B-62
	RH2B	SH2B-05	SH2B-05C	SH2B-51	SH2B-62
	RH3B	SH3B-05	SH3B-05C	SH3B-51	SH3B-62
	RH4B	SH4B-05	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	Pullover Wire Spring	SY2S-02F1	SY4S-51F1
			SY4S-02F1	
			SH3B-05F1	
			SH4B-02F1	
	DIN rail	Aluminum DIN rail (1 meter length)	BNDN1000	—
		DIN rail End Stop	BNL-5	—

Top Selling RH Relays	
Part Number	Description
RH2B-ULAC24V	RH Relay, DPDT, with Indicator Light 24V AC
RH1B-ULAC24V	RH Relay, SPDT, with Indicator Light 24V AC
RH2B-UAC110-120V	RH Relay, DPDT, 110-120V AC
RH2B-UTAC110-120V	RH Relay, DPDT, Top Mount, 110-120V AC
RH2B-ULAC110-120V	RH Relay, SPDT, with Indicator Light, 110-120V AC
RH1B-UDC24V	RH Relay, SPDT, 24V DC
RH1B-UAC120V	RH Relay, SPDT, 120V AC
RH3B-ULAC24V	RH Relay, 3PDT, with Indicator Light, 24V AC
RH4B-ULAC120V	RH Relay, 4PDT, with Indicator Light, 120V AC
RH1B-UCDC24V	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



RU 2 S - M D24

Contact Configuration

2: DPDT
4: 4PDT
42: 4PDT Bifurcated

Terminals

S: Blades
V: PCB

Options

(Blank): Standard (latching lever & indicator light)
C: No Latching Lever
R: RC (AC coils only)
NF: No Indicator Light, No Lever*
D: Standard + Diode (DC coils only)
M: Momentary Latching Lever

Coil Voltage

A24: 24V AC
A110: 120V AC
A220: 240V AC
D6: 6V DC
D12: 12V DC
D24: 24V DC
D48: 48V DC
D110: 110V DC

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

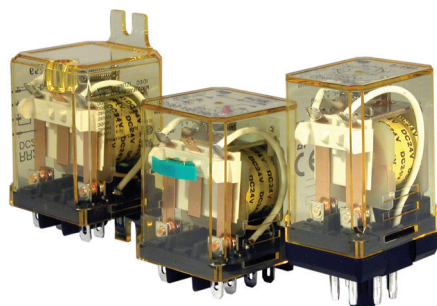
Relays / Sockets		Description	For DIN rail Mount Socket	For Through Panel & PCB Mount Socket
Accessories	Hold Down Springs & Clips	RU2S/RU4S/RU42S	Pullover Wire Spring	SY4S-02F1
		RU2S/RU4S/RU42S	Leaf Spring (side latch)	SY4S-51F1
		RU2S/RU4S/RU42S	Leaf Spring (top latch)	SFA-202
	DIN rail	All DIN rail mount sockets	SFA-101	SFA-302
			Aluminum DIN rail (1 meter length)	BNDN1000
	Marking Plate	All RU Relays	DIN rail End Stop	BNL-5

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

800.262.4332

www.IDEC.com/relays

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** **AC120V**

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

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

		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		
		Standard DIN rail Mount	Finger-safe DIN rail Mount	Through Panel Mount		
						
Sockets	RR2P	SR2P-05, SR2P-06	SR2P-05C	SR2P-51		
	RR3PA	SR3P-05, SR3P-06	SR3P-05C	SR3P-51		
	RR1BA	SR3B-05	—	SR3B-51		
	RR2BA					
	RR3B					

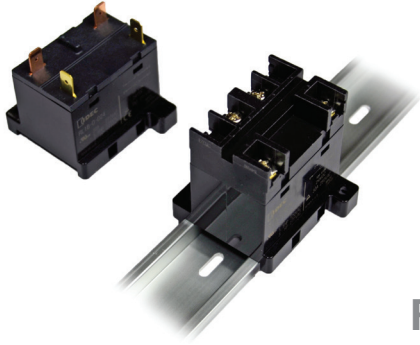
Relays / Sockets		Description	For DIN Mount Socket	For Through Panel Mount Socket
Accessories	Hold Down Springs & Clips	RR2P	SR2B-02F1	SR3P-01F1
		RR3PA	SR3B-02F1	
		RR1BA, RR2BA, RR3B	SR3B-02F1	SR3B-02F1
	DIN rail	Aluminum DIN rail (1 meter length)	BNDN1000	—
		DIN rail End Stop	BNL-5	—

Top Selling RR Relays	
Part Number	Description
RR3B-ULAC120V	RR Relay, 3PDT, Blade Type, Indicator Light, 120V AC
RR2P-UAC120V	RR Relay, DPDT, 8 Pin, 120V AC
RR3B-ULCAC120V	RR Relay, 3PDT, Blade Type, Indicator Light, Check button, 120V AC
RR2P-ULAC120V	RR Relay, DPDT, 8 Pin, Indicator Light, 120V AC
RR2P-UDC24V	RR Relay, DPDT, 8 Pin, 24V DC
RR2P-ULDC24V	RR Relay, DPDT, 8 Pin, Indicator Light, 24V DC
RR3B-UAC120V	RR Relay, 3PDT, Blade Type, 120V AC
RR2P-ULCAC120V	RR Relay, DPDT, 8 Pin, Indicator Light, Check button, 120V AC
RR3B-USAC24V	RR Relay, 3PDT, Blade Type, Side Flange, 120V AC
RR3PA-UAC120V	RR Relay, 3PDT, 11 Pin, 120V AC

800.262.4332

www.IDEC.com/relays

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

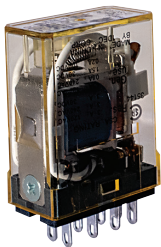


RL 1	B	–	T	–	A	100
Contact Configuration 1: 1 Form X 2: 2 Form X	Terminals B: Quick Connect Terminal N: Screw Terminal		Mounting T: Flange Mount D: DIN rail Mount with panel mount tabs		Voltage D: DC (Voltage: 12, 24V) A: AC 50/60Hz (Voltage: 24, 100-120, 200-240V)	Input Volatage 12: 12V 24: 24V 100: 100-120V 200: 200-240V

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

Accessories	Part Number	Description
	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

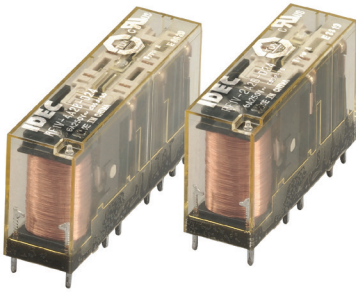
		Standard DIN rail Mount	Finger-safe DIN rail Mount	Through Panel Mount	PCB Mount
Sockets	RY2S	SY2S-05	SY2S-05C	SY2S-51	SY2S-61

		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)	BDN1000	–
			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

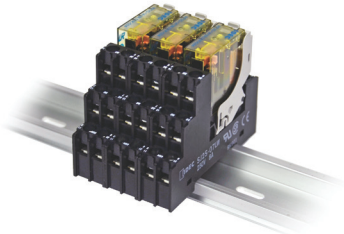
Coil Voltage

D12: 12V DC
D24: 24V DC
D48: 48V DC

		4-Pole	6-Pole
Specs	Contact Material	AgSnO ₂ (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



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

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

RQ Series – PCB Mount Relays



- RQ PCB Relay ideal for compact high current applications
- Compact size: 29 x 12.7 x 15 mm
- Contact rating: 12A (SPDT) 8A (DPDT) 16A (SPDT High Capacity Version)
- Electrical life: 100,000 cycles at full resistive load
- Mechanical life: 10 million cycles at no load
- UL Recognized, c-UL recognized, CE, EN complaint, and TUV

RQ1 – **V** – **C** – **H** – **A24**

Contact Configuration
1: SPDT
2: DPDT

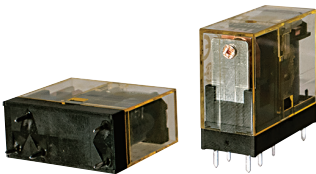
Pin Spacing
M: 3.5mm, SPDT 12A
H: 5mm, SPDT 16A*
N: 5mm, DPDT 8A
 *mounts in DPDT socket

Coil Voltage
D12: DC12V
D24: DC24V
A24: AC24V
A115: AC120V
A230: AC240V

Top Selling RQ Relays

Part Number	Description
RQ1V-CH-A115	RQ1V Relay, SPDT, 5mm Pin Space, 115V AC
RQ1V-CH-A24	RQ1V Relay, SPDT, 5mm Pin Space, 24V AC
RQ1V-CH-D12	RQ1V Relay, SPDT, 5mm Pin Space, 12V DC
RQ1V-CH-D24	RQ1V Relay, SPDT, 5mm Pin Space, 24V DC
RQ1V-CM-A24	RQ1V Relay, SPDT, 3.5mm Pin Space, 24V AC
RQ1V-CM-D12	RQ1V Relay, SPDT, 3.5mm Pin Space, 12V DC
RQ1V-CM-D24	RQ1V Relay, SPDT, 3.5mm Pin Space, 24V DC
RQ2V-CN-A24	RQ2V Relay, DPDT, 5mm Pin Space, 24V AC
RQ2V-CN-D12	RQ2V Relay, DPDT, 5mm Pin Space, 12V DC
RQ2V-CN-D24	RQ2V Relay, DPDT, 5mm Pin Space, 24V 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 complaint (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 (RJ1 only)
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 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

800.262.4332

www.IDEC.com/relays

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	SO2V-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
	D 2,5/5-MP-48VDC
	D 2,5/5-R121AL-24VAC/DC
	D 2,5/5-R121AL-48VAC/DC
	D 2,5/5-R121BL-110VAC
	D 2,5/5-R121BL-230VAC
Socket	D 2,5/5-R121L-24VDC
	RC55
Cutler-Hammer	IDEC
Relays	D2PR2
	D2PR4
	D3PR2
	D3PR3
	D3PR5
	D5PR2
	D5PR3
	D7PR2
	D7PR3
	D7PR4
	XRR1D12
	XRR1D24
	XRU1D12
	XRU1D120U
	XRU1D24
	XRU1D24U
Sockets	D2PA4
	D2PA6
	D5PA2
	D3PA2
	D3PA3-A2
	D3PA4
	D3PA2
	D7PA2
	D7PA5
	D7PA3
	D7PA4
Cyberdyn	IDEC
Relay	HJQ-22F
Socket	PYF14A-A
Finder	IDEC
Relays	34.51.7.005.0010
	34.51.7.012.0010
	34.51.7.024.0010
	34.51.7.048.0010
	34.51.7.060.0010
	38.51.0.012.5060
	38.51.0.024.5060
	38.51.0.048.5060
	38.51.0.060.5060
	38.51.0.125.5060
	38.51.0.240.5060
	38.51.7.006.5050
	38.51.7.012.5050
	38.51.7.024.5050
	38.51.7.048.5050
	38.61.0.012.5060
	38.61.0.024.5060
	38.61.0.048.5060
	38.61.0.060.5060
	38.61.0.125.5060
	38.61.0.240.5060
	38.61.7.006.5050
Sockets	RV1H-G-D6
	RV1H-G-D12
	RV1H-G-D24
	RV1H-G-D48
	RV1H-G-D60
	RV8H-L-AD18
	RV8H-L-AD24
	RV8H-L-AD48
	RV8H-L-AD60
	RV8H-L-AD110
	RV8H-L-AD220
	RV8H-L-D6
	RV8H-L-D12
	RV8H-L-D24
	RV8H-L-D48
	RV8H-S-AD18
	RV8H-S-AD24
	RV8H-S-AD48
	RV8H-S-AD60
	RV8H-S-AD110
	RV8H-S-AD220
	RV8H-S-D6

Relays con't	38.61.7.012.5050	RV8H-S-D12
	38.61.7.024.5050	RV8H-S-D24
	38.61.7.048.5050	RV8H-S-D48
	41.31./40.31.	RQ1V-CM
	41.52./40.52.	RQ2V-CN
	41.61./40.61.	RQ1V-CH
	46.61._0	RJ1S-C
Sockets	93.01	SV9Z-PW16
	93.2	SV9Z-J20*
	93.64	SV9Z-SAW
	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
Omron		IDEC
Relays	G2R-1	RQ1V-CM
	G2R-1-E	RQ1V-CH
	G2R-1-S	RJ1S-C
	G2R-1-SN	RJ1S-CL
	G2R-2	RQ2V-CN
	G2R-2-S	RJ2S-C
	G2R-2-SN	RJ2S-CL
	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/RY4	

800.262.4332

www.IDEC.com/relays

Omron		IDEC
Sockets	P2RF-05	SJ1S-05B
	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
	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
Sockets	AHNA11	SJ1S-05B
	AHNA21	SJ2S-05B
Phoenix Contact		IDEC
Relays	PLC-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
	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
Sockets	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
Relays	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
Sockets	RM699V-3011-85-1012	RV1H-G-D12
	RM699V-3011-85-1024	RV1H-G-D24
	RM699V-3011-85-1060	RV1H-G-D60
	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	750XBX	RR2P
	750XCX	RR3PA
	78(1)XAX	RH1B
	782XBX	RH2B
	782XBX1	RU2S
	782XBX2	RU2S
	782XDX1	RU4S
	782XDX2	RU4S
	782XDX3	RU42S
	783XCX	RH3B
	784XDX	RH4B
	788XBX	RR2BA
	788XCX	RR3B
	78XCX	RH3B
	78XDX	RH4B
	A283XAX	RR1BA
	A283XBX	RR2BA
	A283XCX	RR3B
	A314XBX	RR2P
	A314XCX	RR3PA
Sockets	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)JR	RH2B
	W78(A)JT	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
Sockets	RSL ZVA1	SV1H-07L-1
	RSL ZVA2	SV1H-07L-2
	RSL ZVA3	SV1H-07L-3
	RSL ZVA4	SV1H-07L-4
Sockets	RSL Z2	SV9Z-J20*

Square D by Schneider Electric		IDEC
Relays	8501KF12	RR2BA-US
	8501KF13	RR3B-US
	8501KP12	RR2P
	8501KP13	RR3PA
	8501KU12	RR2BA
	8501KU13	RR3B
	8501RS(D)14	RU4S/R4Y4S
	8501RS(D)24	RU42S/R4Y42S
	8501RS(D)4	RU4S/R4Y4S
	8501RS(D)41	RH1B
Sockets	8501RS(D)42	RH2B
	8501RS(D)43	RH3B
	8501RS(D)44	RH4B
	8501NR82	SR3B-05
	8501NR52	SR2P-05
	8501NR52F	SR2P-05C
	8501NR62	SR3P-05
	8501NR62F	SR3P-05C
	8501NR61	SR3P-06
	8501NR45	SY4S-05
Sockets	8501NR45F	SY4S-05C
	8501NR41	SH1B-05
	8501NR42	SH2B-05
	8501NR42F	SH2B-05C
	8501NR43	SH3B-05
	8501NR34	SH4B-05
TE Connectivity, Potter & Brumfield		IDEC
Relays	K10	RH2B
	KHAE-11	RM2V
	KHAE-17	RY4V
	KHAU-11	RU2S
	KHAU-17	RU4S
	KRP(A)-11	RR2P
	KRP(A)-14	RR3PA
	KUP-11	RR2BA
	KUP-14	RR3B
	KUP-5	RR1BA
Sockets	KUP93-11	RR3B
	RT114_F	RQ1V-CM
	RT424_F	RQ2V-CN
	RT314_F	RQ1V-CH
	8-1415035-1	SQ1V-07B
	6-1415035-1	SQ2V-07B
	27E895	SH2B-05
	27E489	SH2B-62
	27E024	SY4S-62
	27E891	SR2P-06
Sockets	27E892	SR2P-05
	27E123	SR3P-06
	27E893	SR3B-05
	27E168	SR3B-51

TE Connectivity, Schrack		IDEC
Relays	MT2	RR2P
	MT3	RR3PA
	PT2	RU2S
	PT4	RU4S
	RM2	RR2BA
	RM3	RR3B
	RT114	RQ1V-CM
	RT314	RQ1V-CH
	RT424	RQ2V-CN
	ST3P2LC4	RV8H-L-D24
Sockets	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
Sockets	V23092-S1060-A301	RV1H-G-D60
	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
Sockets	ST3FTP0	SV1H-07L-4
	ST4FLC4	SV1H-07LS-1
	ST4FSM5	SV1H-07LS-3
	ST4FTP0	SV1H-07LS-4

Weidmuller		IDEC
Relays	MRS 12 VDC 1C0	RV8H-L-D12
	MRS 12VDC 1C0 C1D2	RV8H-L-D12-C1D2
	MRS 120 VUC 1C0	RV8H-L-AD110
	MRS 230 VUC 1C0	RV8H-L-AD220
	MRS 24 VDC 1C0	RV8H-L-D24
	MRS 24 VUC 1C0	RV8H-L-AD24
	MRS 24VDC 1C0 C1D2	RV8H-L-D24-C1D2
	MRS 24VUC 1C0 C1D2	RV8H-L-AD24-C1D2
	MRS 5 VDC 1C0	RV8H-L-D6
	MRZ 12 VDC 1C0	RV8H-S-D12
Sockets	MRZ 120 VUC 1C0	RV8H-S-AD110
	MRS 120 VUC 1C0 C1D2	RV8H-L-AD110-C1D2
	MRZ 230 VUC 1C0	RV8H-S-AD220
	MRS 230 VUC 1C0 C1D2	RV8H-L-AD220-C1D2
	MRZ 24 VDC 1C0	RV8H-S-D24
	MRZ 24 VUC 1C0	RV8H-S-AD24
	MRZ 5 VDC 1C0	RV8H-S-D6
	RSS112060 60Vdc-Rel1U	RV1H-G-D60
	RSS113012 12Vdc-Rel1U	RV1H-G-D12
	RSS113024 24Vdc-Rel1U	RV1H-G-D24
Sockets	WS 12/6	SV9Z-PW16
	ZQV 4N / 20 *	SV9Z-J20*

*Indicates additional digits required to complete part number.

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.

800.262.4332

www.IDEC.com/relays

support@IDEC.com • crossref@IDEC.com

Your Control & Automation Solutions!



IDEC products work together seamlessly to automate your systems, providing an unparalleled and reliable experience. Not only do we offer state-of-the-art LED lights, switches, relays, power supplies and safety products, but we also provide innovative PLCs, O/I touchscreens and sensors. By combining IDEC control components and automation products, you're guaranteed to find the versatile solutions you need.

<https://us.IDEC.com>

Technical Support

support@IDEC.com
crossref@IDEC.com

800-262-IDEC (4332)

IDEC CORPORATION

USA Office 1175 Elko Drive Sunnyvale, CA 94089

 <https://us.idec.com>

Japan Head Office
EMEA APEM SAS

Singapore IDEC Izumi Asia Pte. Ltd.
Thailand IDEC Asia (Thailand) Co., Ltd.
India IDEC Controls India Private Ltd.

China IDEC (Shanghai) Corporation
IDEC Hong Kong Co. Ltd.
Taiwan IDEC Taiwan Corporation

Japan IDEC Corporation

Specifications and other descriptions in this brochure are subject to change without notice.
Information in this brochure is current as of June, 2025.
2025 IDEC Corporation, All Rights Reserved.

MKT-QSGR-5-Relay-QuickSelectionGuide PDF Only

