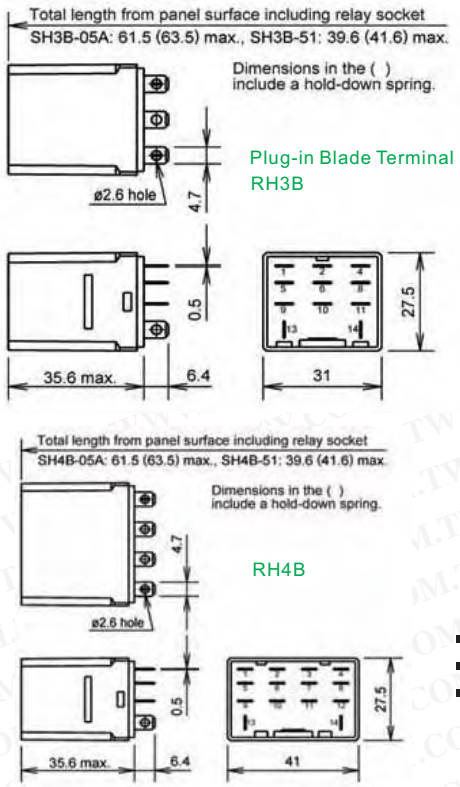


# Relays & Solenoids

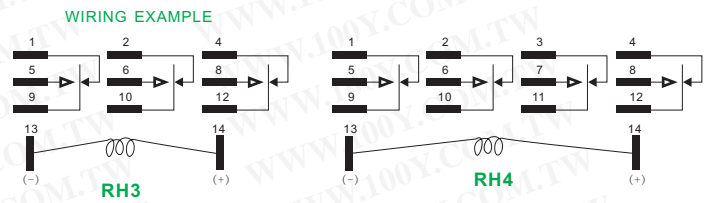
## IDEC Power Relays

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



Contact Material	Silver cadmium oxide
Contact Resistance	50mΩ maximum (initial value)
Minimum Applicable Load	24V DC/30mA, 5V DC/100mA (reference value)
Operating Time	3PDT (RH3), 4PDT (RH4): 25ms maximum
Release Time	3PDT (RH3), 4PDT (RH4): 25ms maximum
Insulation Resistance	100MΩ min (measured with a 500V DC megger)
Vibration Resistance	0 to 6G (55Hz maximum)
Shock Resistance	3PDT/4PDT: 100N (approximately 10G)
Operating Temperature	-30 to +70°C
Weight	3PDT: 50g, 4PDT: 74g (approximately)

- Key features of the RH series include:**
- Compact midget size saves space
  - High switching capacity (10A)
  - Choice of blade or PCB style terminals
  - Relay options include indicator light, check button, and top mounting bracket
  - DIN rail, surface, panel, and PCB type sockets available for a wide range of mounting applications



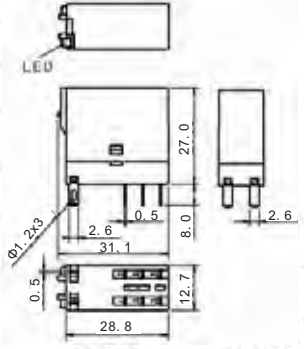
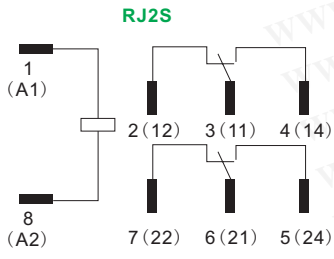
Part No.	Product No.	Manufacturer	Description	Recognized Safety	Type	Cont. Arrangement	Contact Rating	Coil Volt.	L*W*H (mm)
43492	RH3B-UL-AC220	IDEC	General Purpose Midget Relays	UL,CE,SR,TUV	RH3B-U	3PDT	AC1100VA/DC225W	AC220V	35.6*27.5*31
40384	RH4B-U-AC220	IDEC	General Purpose Midget Relays	UL,CSA,TUV .CE	RH4B-U	4PDT		AC220V	35.6*21*27.5
40152	RH4B-U-AC240	IDEC	General Purpose Midget Relays	UL,CSA,TUV .CE	RH4B-U	4PDT		AC240V	35.6*21*27.5
19473	RH4B-U-AC24V	IDEC	Miniature Solder Relays	UL,CSA,TUV	RH4B-U	4PDT	110VAC/30VDC,10A 220VAC,7.5A	AC24V	35.6*41*27mm
27767	RH4B-UL-DC24V	IDEC	Idec Miniature Solder Relays	UL,CSA,TUV	RH4B-UL	4PDT	110VAC/30VDC,10A 220VAC,7.5A	DC24V	35.6*41*27mm



RJ relays, the newest addition to our relay family, were designed with the same attention-to-detail IDEC is known for. One feature that exemplifies this is an optional LED. It uses a unique light guide to give you a brighter and more noticeable status indicator from multiple directions.

**Key features of the RJ series include:**

- Compact size: 12.7 x 27 x 28.8 mm
- Contact rating: 8A (DPDT), 12A (SPDT)
- Operational life: 200K cycles at full resistive load 50 million cycles, no load
- Optional, green, non-polarized LED
- RoHS compliant



Contact Rating	8A	
Contact Material	Silver-Nickel alloy	
Contact Resistance	50 milliohms max	
Operating Time	15 ms max	
Release Time	10 ms max	
Dielectric Strength	Between contact and coil	5,000VAC, 1 minute
	Between contacts	1,000VAC, 1 minute
Vibration Resistance	Damage limits	10-55Hz, amplitude 0.75mm
	Operating extremes	10-55Hz, amplitude 0.75mm
Shock Resistance	Damage limits	100m/s <sup>2</sup> min (10G)
	Operating extremes	1,000m/s <sup>2</sup> min (100G)
Operating Temperature	-40 to 70°C	
Operating Humidity	5 to 85% RH	
Dimensions (H x W x D mm)	12.7 x 27 x 28.8	
Weight (Approx.)	19g	

Part No.	Product No.	Manufacturer	Description	Recognized Safety	Type	Cont. Arrangement	Contact Rating	Coil Volt.	L*W*H (mm)
40120	RJ2S-C-D12	IDEC	General Purpose Relays	UL,CSA,CE,VDE	RJ2S	DPDT	8A	DC12V	12.7 x 27 x 28.8 mm
40118	RJ2S-C-D24	IDEC	General Purpose Relays	UL,CSA,CE,VED	RJ2S	DPDT	8A	DC24V	12.7 x 27 x 28.8 mm



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