

RY2 Miniature Relays

DPDT contacts (3A)

Bifurcated contacts are also available

The RY series are general purpose miniature relays with a 3A contact capacity. A wide variety of terminals styles and coil voltages meet a wide range of applications.



Plug-in Terminal

Terminal	Style	Part No.	Coil Voltage Code *
Standard	Basic	RY2S-U * ★	AC6, AC12, AC24, AC50, AC100, AC110, AC115, AC120, AC200, AC220, AC230, AC240 DC6, DC12, D24, DC48, DC100, DC110
	With Indicator	RY2S-UL * ★	
	Top Bracket Mounting	RY2S-UT * ★	
	With Diode (DC coil only)	RY2S-UD * ★	DC6, DC12, DC24, DC48, DC100, DC110
	With Indicator and Diode (DC coil only)	RY2S-ULD *	

PC Board Terminal

Terminal	Style	Part No.	Coil Voltage Code *
Standard	Standard	RY2V-U * ★	AC6, AC12, AC24, AC50, AC100, AC110, AC115, AC120, DC6, DC12, DC24, DC48
	With Indicator	RY2V-UL * ★	
	With Diode (DC coil only)	RY2V-UD * ★	DC6, DC12, DC24, DC48, DC100, DC110

Part numbers marked with ★ in the tables above are UL-recognized, CSA-certified, and TÜV-approved.

Part No. Development

When ordering, specify the Part No. and coil voltage code.

(Example) **RY2S-U** **AC100**
 Part No. Coil Voltage Code

Coil Ratings

Rated Voltage (V)	Rated Current (mA) ±15% at 20°C		Coil Resistance (Ω) ±10% at 20°C	Operation Characteristics (against rated values at 20°C)		
	50Hz	60Hz		Max. Continuous Applied Voltage	Min. Pickup Voltage	Dropout Voltage
AC (50/60Hz)	6	170	150	110%	80% maximum	30% minimum
	12	86	75			
	24	42	37			
	50	20.5	18			
	100	10.5	9			
	110	9.6	8.4			
	115	8.9	7.8			
	120	8.6	7.5			
	200	5.6	4.9			
	220	4.7	4.1			
	230	4.7	4.1			
240	4.9	4.3				
DC	6	128	—	110%	80% maximum	10% minimum
	12	64	—			
	24	32	—			
	48	18	—			
	100	10	—			
	110	8	—			