

# MINIATURE RELAY (12V) - 5 PINS

**PART NR.**

**RE62012CD**

zwart

**RE62012CDGRN**

groen

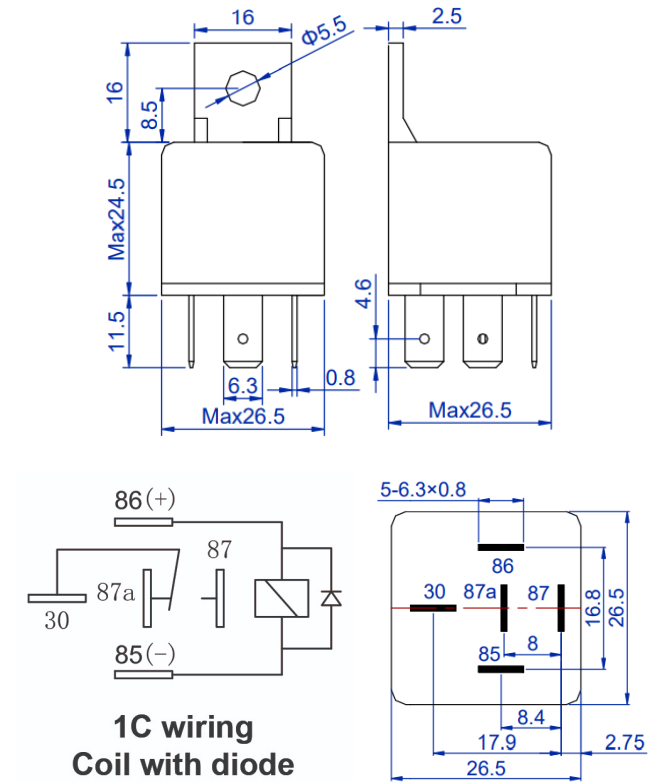
**COUNTRY OF ORIGIN**

China

**STANDARDS**

REACH and RoHS compliant

**PHOTO / TECHNICAL DRAWING**



**DIMENSIONS**

L x W x H:

26,5 x 26,5 x 24,5 (+16) mm

**TECHNICAL SPECIFICATIONS**

Contact termination:

5 Tab terminals, 6.3x0.8 mm

Wiring:

1C wiring, coil with diode

Rating:

12V, 40/30A, 1,6W

### Contact Data

Contact Form	1A (SPSTNO)、1B (SPSTNC)、1C (SPDT(B-M))、1U (SPSTNODM)			
Contact Material	Ag Alloy			
Contact Rating (resistive)	1A	1B	1C	1U
	40A/14VDC	30A/14VDC	NO: 40A/14VDC NC: 30A/14VDC	2×20A/14VDC
Max. Switching Voltage	75VDC			
Max. Switching Current	40A			
Max. Switching Power	560W			
Contact Resistance or Voltage drop	≤100mΩ			
Electrical Life	1×10 <sup>5</sup> ops			
Mechanical Life	1×10 <sup>7</sup> ops			

### Coil Parameter

Dash numbers	Coil voltage (VDC)		Coil resistance Ω±10%	Pickup voltage VDC(Max.)	Release voltage VDC(Min.)	Coil power	Operate Time	Release Time
	Rated	Max.						
6V	6V	7.8V	22.5	3.9V	0.6V	1.6W	≤10 ms	≤10 ms
12V	12V	15.6V	90	7.8V	1.2V			
24V	24V	31.2V	360	15.6V	2.4V			

### Operation condition

Insulation Resistance	100MΩ Min. (at 500VDC)	
Dielectric Strength	Between Contacts	50Hz 500VAC / 1 minute
	Between Coil and Contacts	50Hz 750VAC / 1 minute
Shock resistance	147m/s <sup>2</sup> 11ms	
Vibration resistance	10~40Hz double amplitude 1.5mm	
Terminals strength	100N	
Solderability	235℃±2℃ 3±0.5s	
Ambient Temperature	-40℃ ~ +85℃	
Relative Humidity	85% (at 40℃)	
Weight(Approx.)	28g, 30g(Insulation Bracket), 31g(Metal Bracket)	