

PART NR.

RE630FA12B

with insulation bracket

RE630F12A

without insulation
bracket

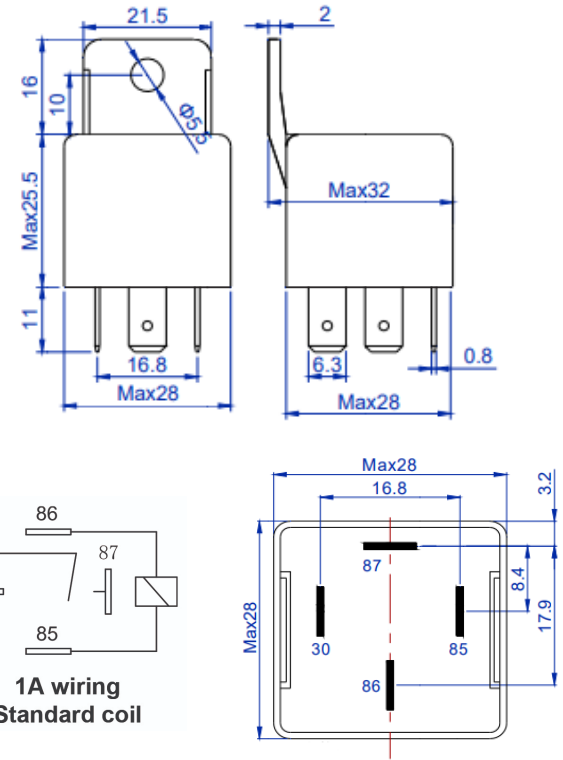
COUNTRY OF ORIGIN

China

STANDARDS

REACH and RoHS compliant

PHOTO / TECHNICAL DRAWING



DIMENSIONS

L x W x H:

28 x 28 x 25,5 (+16) mm

TECHNICAL SPECIFICATIONS

Contact termination:

4 tab (6.3x0.8) terminals

Wiring:

1A wiring, standard coil

Special position pin 30 and pin 86

Rating:

12V, 40A, 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
	60	60A/14VDC	40A/14VDC	NO: 60A/14VDC NC: 40A/14VDC	2×30A/14VDC
	40	40A/14VDC	30A/14VDC	NO: 40A/14VDC NC: 30A/14VDC	2×20A/14VDC
Max. Switching Voltage	75VDC				
Max. Switching Current	60A/40A				
Max. Switching Power	840W/560W				
Contact Resistance or Voltage drop	≤100mΩ				
Electrical Life	1×10 ⁵ ops				
Mechanical Life	1×10 ⁷ ops				

Coil Parameter

Dash numbers	Coil voltage (VDC)		Coil resistanceΩ ±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			
48V	48V	62.4V	1440	31.2V	4.8V			

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 ² 11ms	
Vibration resistance	10~40Hz double amplitude 1.5mm	
Terminals strength	100N	
Solderability	235°C±2°C 3±0.5s	
Ambient Temperature	-40°C ~ +85°C	
Relative Humidity	85% (at 40°C)	
Weight(Approx.)	32g, 33g(Insulation Bracket), 34g(Metal Bracket)	