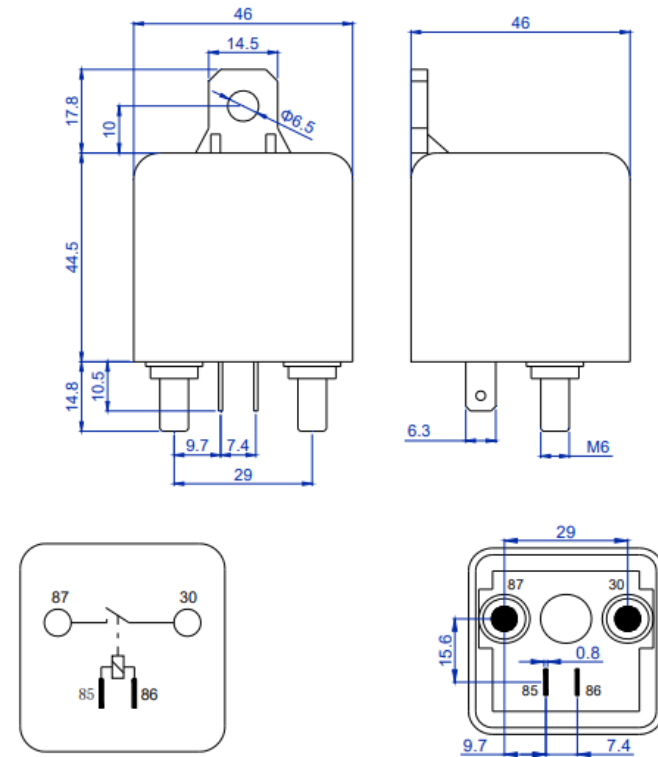


PART NR.
RE686A 120A
RE686B 200A

COUNTRY OF ORIGIN
China

STANDARDS
REACH and RoHS compliant

PHOTO / TECHNICAL DRAWING



DIMENSIONS

L x W x H: 46 x 46 x 44,5 (+17,8) mm

TECHNICAL SPECIFICATIONS

Contact termination: 2 Tab terminals, 6.3x0.8mm and 2 screw terminals, M6
Wiring: 1A wiring, standard coil
Rating: 12V, 120A or 200A, 2,4W continuous/ 4,8W intermittent

Contact Data

Contact Form	1A (SPSTNO)
Contact Material	Ag Alloy
Contact Rating (resistive)	120A/14VDC, 200A/14VDC
Max. Switching Voltage	40VDC
Max. Switching Current	120A , 200A
Max. Switching Power	1680W, 2800W
Contact Resistance or Voltage drop	≤100mΩ
Instantaneous shock current	500A 2S (For 120A) , 800A 2S (For 200A)
Electrical Life	1×10 ⁵ ops
Mechanical Life	1×10 ⁷ 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.						
006-4800	6	7.8	7.5	3.9	0.6	4.8W	≤10 ms	≤10 ms
006-2400	6	7.8	15	3.9	0.6	2.4W		
012-4800	12	15.6	30	7.8	1.2	4.8W		
012-2400	12	15.6	60	7.8	1.2	2.4W		
024-4800	24	31.2	120	15.6	2.4	4.8W		
024-2400	24	31.2	240	15.6	2.4	2.4W		

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.)	90g	