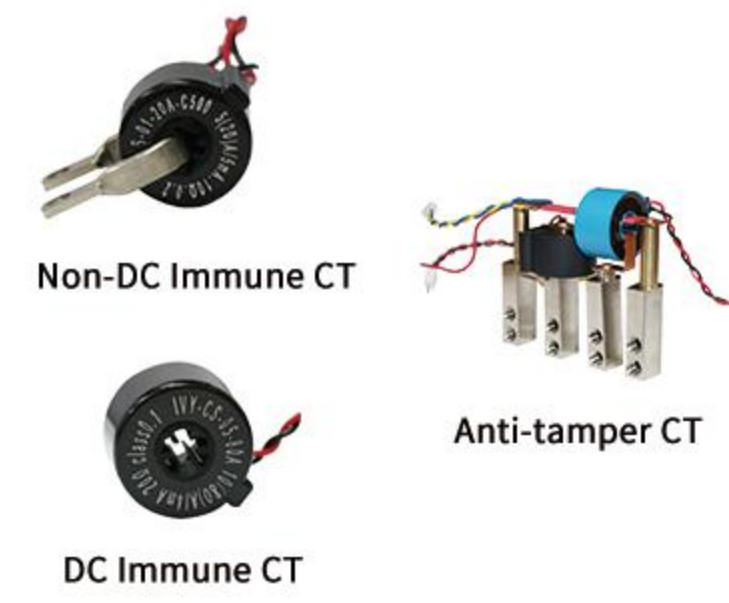


CT/Assembly/Shunt

Feature CT

Product Name	Anti-magnetic Field CT	High Accuracy CT	PCB CT	Split-core CT
Primary Current	5(100)A	1.5(10)A	1(10)A	100/200/400/500A
Accuracy Class	0.1	0.02 & 0.01	0.1	1
Ratio	2500:1	300:1	2000:1	3000/5000:1
Magnetic Immunity	500mT	/	/	/
Installation	Lead Wire	Lead Wire	PCB	Split Core

PBT CT



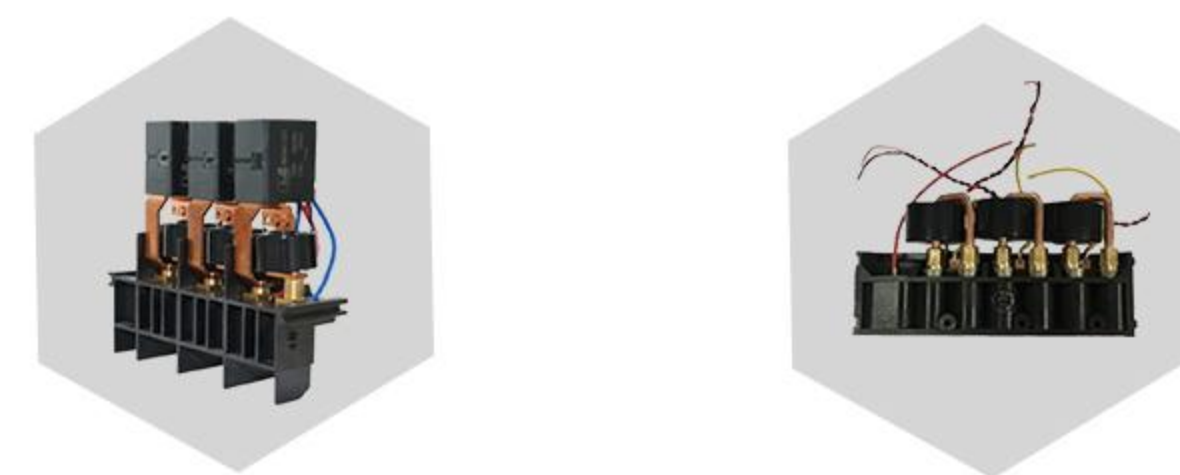
- Accuracy Class: 0.1, 0.2, ...
- Current Range Optional: 10A-150A
- Ratio: 2000:1, 2500:1, 3000:1, ...
- Low Burden of 5/10/20Ω, ...

Simple CT



- Traditional Tape Package
- Extremely Good Long Term Stability
- Negligible Power Loss Due to Lowest TCR-Value
- Customized Optional to Realize Economic Solutions

3-in-1 Assembly

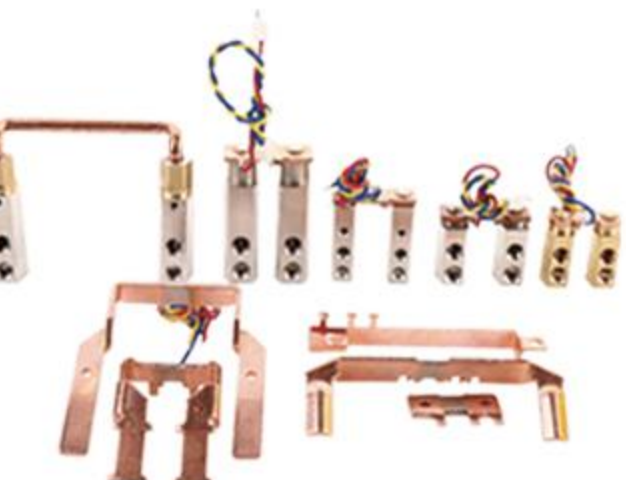


3-in-1
Modular Optimization

3P
CT Solution

- Max Switching Current: Optional
- Tailored for Terminal Design
- Better Operation of Consistency
- Compact Size for Cost-efficiency

Shunt



- Accuracy Class 0.05/0.1, 100μΩ/150μΩ/200μΩ, ...
- Cost-efficiency to Measure Electricity
- Riveting & Welding, Low Contact Resistance
- Customizable Service on External Design

IVY METERING CO., LTD

Global Switching & Metering Solution Leader

31⁺ Years
Product Design
Experience

91⁺ Countries
Exported to

8⁺ Million
Annual Meter
Production

12⁺ Million
Annual Relay
Production



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Tel. +86 21 6220 9608



Room 1012, Gold Source Center, No.28 Yuan'wen Road,
Minhang District, Shanghai 201199, China



Ultra Small Motor Latching Relay

Anti-permanent Magnetic Field of 400/500mT

IM-M1202



100A 1P

IM-M1001D



80A 2P

IM-M1201T



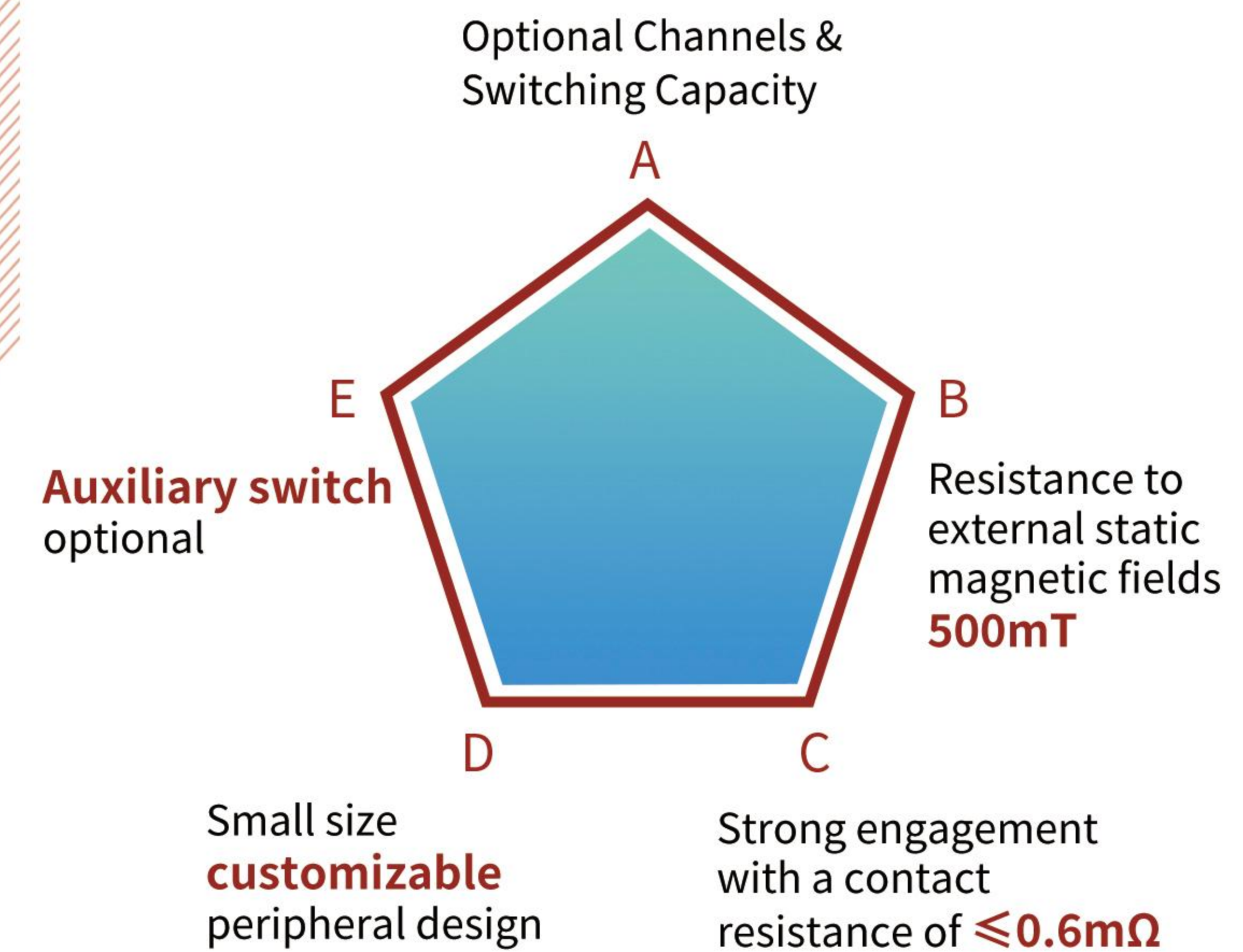
120A 3P

- Stable Internal Structure & Long Electrical Life
- Compact Size with 1/2/3 Poles Optional
- IEC62055-31/IEC62052-11:2020/TUV-UC2/UC3 Compliant

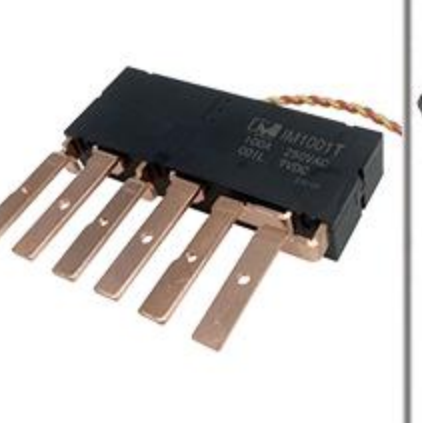
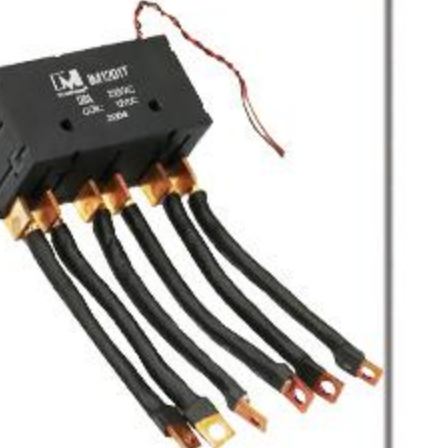
SMART METER COMPONENTS

Latching Relay / CT / Shunt

Five Core Advantages

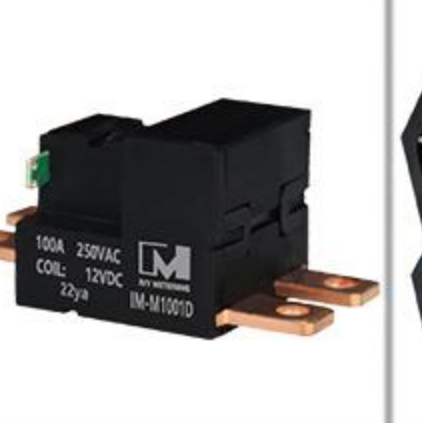
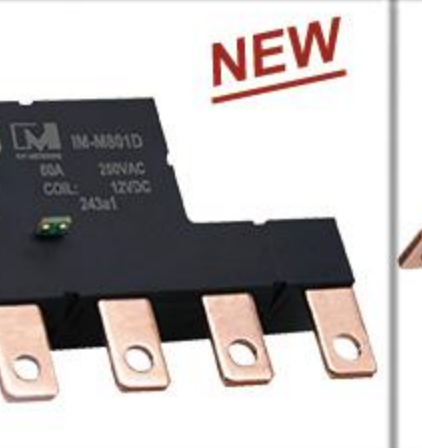
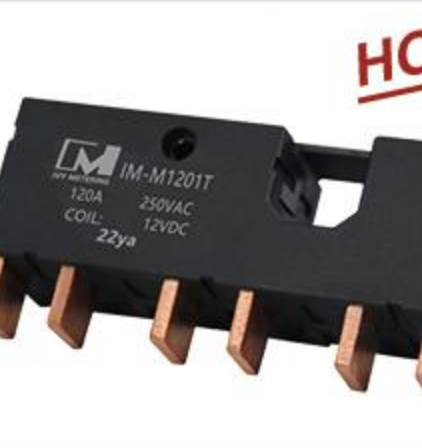


>>>Magnetic Latching Relay

8 Models		IM601	IM901	IM1002	IM1201	IM901D	IM1001T	IM1201T	IM-T150
Appearance									
Rated Load		60A,250VAC	90A,250VAC	100A,250VAC	120A,250VAC	90A,250VAC	100A,250VAC	120A,250VAC	150A,250VAC
Contact Form		1A/1B	1A/1B	1A/1B	1A/1B	2A/2B	3A/3B	3A/3B	3A/3B
Contact Material		AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂
Coil Voltage		6~48VDC Arbitrary Value	6~48VDC Arbitrary Value	6~48VDC Arbitrary Value	6~48VDC Arbitrary Value	6~48VDC Arbitrary Value	6~48VDC Arbitrary Value	6~48VDC Arbitrary Value	6~48VDC Arbitrary Value
Pulse Width		≥100ms	≥100ms	≥100ms	≥100ms	≥100ms	≥100ms	≥120ms	≥100ms
Pick-up Time		≤20ms	≤20ms	≤20ms	≤20ms	≤30ms	≤20ms	≤20ms	≤30ms
Release Time		≤20ms	≤20ms	≤20ms	≤20ms	≤30ms	≤20ms	≤20ms	≤30ms
Contact Resistance (Initial Value)		≤1.0mΩ	≤1.0mΩ	≤1.0mΩ	≤1.0mΩ	≤0.8mΩ	≤1.0mΩ	≤1.0mΩ	≤1.0mΩ
Coil Consumption	Single Coil	1.5W	1.5W	1.5W	2.0W	2.5W	3.0W	3.0W	5.0W
	Dual Coils	3.0W	3.0W	3.0W	4.0W	5.0W	6.0W	6.0W	10.0W
Electrical Life (Resistance, on-off Ratio10s:20s)		10,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles
Mechanical Life		100,000 cycles	100,000 cycles	100,000 cycles	100,000 cycles	100,000 cycles	100,000 cycles	100,000 cycles	100,000 cycles
Dimension(mm)		38*30*16.5	38*30*16.5	39*30*16.5	42*35*21.5	60*34.5*19	96.8*35.5*18.8	78.6*40.3*37.8	110*68*35
Interference Immunity to External Permanent Magenetic Field		External Shielding Case is Necessary for Immunity to External Magnetic Field							

Note: all designs and specifications are for reference only and is subject to change without prior notice.

>>>Motor Latching Relay

8 Models		IM-M1002	IM-M1202	IM-M1201	IM-M1001D	IM-M801D	IM-M1202D	IM-M1203D	IM-M1201T
Appearance									
Rated Load		80A,250VAC	100A,250VAC	120A,250VAC	80A,250VAC	60A,250VAC	100A,250VAC	100A,250VAC	120A,250VAC
Contact Form		1A/1B	1A/1B	1A/1B	2A/2B	2A/2B	2A/2B	2A/2B	3A/3B
Contact Material		AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂
Coil Voltage		9V	12V	12V	12V	12V	12V	12V	12V
Pulse Width		60ms	40ms~60ms	80ms~100ms	60ms~80ms	50ms~80ms	50ms~80ms	50ms~80ms	140ms(Motor Resistance 32Ω); 80ms(Motor Resistance 12Ω)
Pick-up Time		≤25ms	≤60ms	≤65ms	≤55ms	≤45ms	≤45ms	≤45ms	≤80ms;≤60ms
Release Time		≤25ms	≤60ms	≤65ms	≤55ms	≤45ms	≤45ms	≤45ms	≤80ms;≤60ms
Contact Resistance (Initial Value)		≤0.5mΩ	≤0.5mΩ	≤0.6mΩ	≤0.6mΩ	≤0.6mΩ	≤0.6mΩ	≤0.6mΩ	≤0.6mΩ
Motor Consumption		5.8W	3.0W	4.5W	4.5W	4.5W	4.5W	4.5W	4.5W(Motor Resistance 32Ω); 12W(Motor Resistance 12Ω)
Electrical Life (Resistance, on-off Ratio10s:20s)		10,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles	10,000 cycles
Mechanical Life		100,000 cycles	100,000 cycles	100,000 cycles	100,000 cycles	100,000 cycles	100,000 cycles	100,000 cycles	100,000 cycles
Dimension(mm)		26.5*23.5*13.8	29*23.5*16	36.4*31.5*21.2	29*24.5*27.1	57*32.8*16	34.5*46.7*18	63.7*34*18	79*28*25.5
Interference Immunity to External Permanent Magenetic Field		Resist Magnetic Influences up to 500mT							

Note: all designs and specifications are for reference only and is subject to change without prior notice.