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S Product Information



GACIA

Pacemaker of circuit breakers

Gacia Electrical Appliance Co., Ltd

is an export-oriented company, focus on R&D, manufacturing, and sales of circuit breakers. Through 16 years of rapid growth, Gacia has 1700 employees, including 100 technical talents, and 3 manufacturing bases around China. Gacia's headquarter located in Wenzhou, the Shanghai campus focus on R&D and high-end manufacturing, and the Jiang xi campus provide OEM manufacturing services for customers all over the world. Meanwhile, Gacia's products export to over 100 countries and regions, and 80% of them are independent developed by Gacia. A majority of Gacia's products authenticated by many international professional certifications including German TUV, VDE certifications, Dutch KEMA certification and ISO 9001 international quality system.

After more than a decade of development, Gacia adhere to business principle referring to "customer-centric, Altruism and Win-win". Besides, Gacia devoted to utilize innovation to drive production improvement, take advantage of lean production to upgrade products quality and committed to become the pacemaker of the global circuit breaker industrial.

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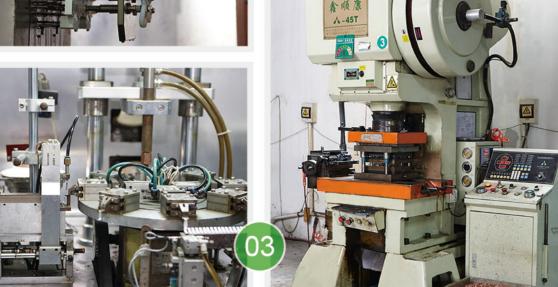
Core Manufacturing Advantages

GACIA

- 1 Independent Research and develop hot runner mold which can drop 8 pcs shells one time.
- 02 Injection closing unit device with automatic clamping and shaping process instead of traditional labour.
- O3 High-speed Punch Press Machine & Auto Welding Machine. The integration of stamping and welding process could reduce components damage and increase the qualification rate significantly for the metal parts.



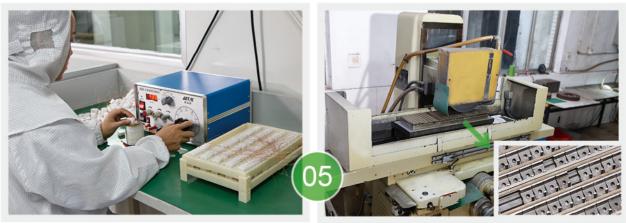




- 1 Intelligent Manufacturing with quality auto monitoring pack and data interconnection pack could avoid artificial errors and improve product reliability.
- Operating Mechanism plant and Tripper plant.

 The most important parts of RCD are produced by GACIA to insure quality warranty.





Pacemaker of circuit breakers In=40A CE **Quality Warranty:** Complete Manufacturing System for Components&Parts **Precise Manufacturing Process** Selecting High-class Raw Material **Strict Detecting System** Using Occasions: Residential, Commercial, Industrial, Tender, Projects Uses | * * * * *

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MCB



Model		SB6NZ	SB6HS	SB6H
IEC/EN 60898-1 IEC/EN 60947-2		GACIA W GA SE 13	CACCA SMITS 13 SMITS 13	GACIA CACIA GACIA CACIA CACIA CACIA CACIA CACIA CACIA C
Poles		1P,1P+N,2P,3P,3P+N,4P	1P,1P+N,2P,3P,3P+N,4P	1P,1P+N,2P,3P,3P+N,4P
Certification		△(€	△(€	△(€
Electrical Specifiction		416	4(6	416
Rated current(A)	ln	1-63	1-63	1-63
Rated frequency(Hz)	SIII	50/60	50/60	50/60
Rated working voltage(V)	Ue	1P:230/400~,2/3/4P:400~	1P:230/400~,2/3/4P:400~	1P:230/400~,2/3/4P:400
Rated working voltage(V)	Ui	1P.230/400~,2/3/4P.400~ 500	500	500
			100000	6
Impulse withstand voltage(kV)	Uimp	6	6	4.5
Rated short-circuit breaking capacity(KA)	lcn	3	4.5	2000004
Instantaneous tripping type		B,C,D	B,C,D	B,C,D
Maximum working voltage	Umax	440	440	440
Dielectric test voltage(kV)		2	2	2
Service life Mechanical Standard value		10000	10000	10000
(O-C) Electrical Standard value		4000	4000	4000
Contorl And Indication				
Shunt release(SHT)				_
Undervoltage release(UVT)				1/2
Auxiliary contact(AUX) Alarm contact(ALT)				
			-	
Contact position indicator Fault indication				
Connection And Installation			-	
Ambient temperature(with daily average≤35			-5℃ ~+40℃	
Protection degree ALL S			IP40	
	ection Terminal	1 16	IP20	1.16
Wire(mm²)		1-16	1-16	1-16
busbar(mm²)		· C-LL-	16	
Mounting		Cable	Cable/Busbar	Cable/Busbar
Pollution degree	.l .l		2	
Reference temperature for setting of therma	al element(C)		30	
Storage temperature(°C')			-25℃ ~+70℃	
Tightening torque			3.0	
Connection	DD/DD/45)		Top and Bottom	
A	(2P/3P/4P)		17.5/35/52.5/70	
b 1. D(11)	/2P/3P/4P)		83/83/83	
	2P/3P/4P)		67/67/67/67	
1P			0.1	
Weight(kg)			0.2	
3P 4P			0.3 0.4	

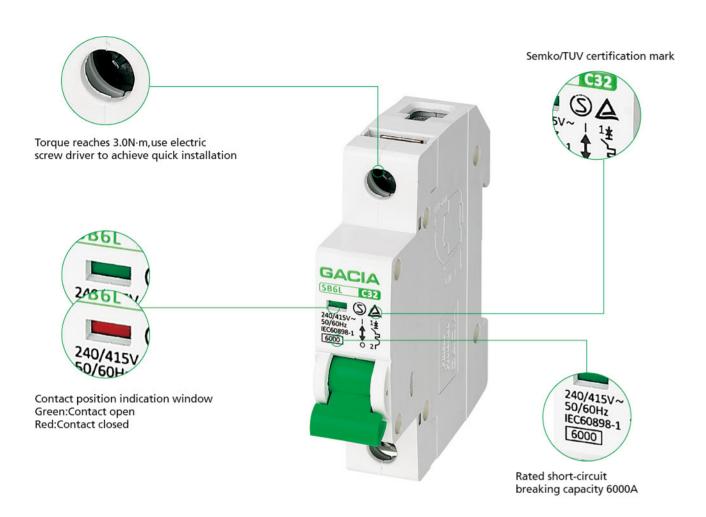
nated short-circuit breaking co	pacity(tch)	3	7.5	4.5
Instantaneous tripping type		B,C,D	B,C,D	B,C,D
Maximum working voltage	Umax	440	440	440
Dielectric test voltage(kV)		2	2	2
Service life Mechanical Sta	andard value	10000	10000	10000
(O-C) Electrical Sta	andard value	4000	4000	4000
Contorl And Indication				
Shunt release(SHT)				
Undervoltage release(UVT)				
Auxiliary contact(AUX)	31			<u> </u>
Alarm contact(ALT)				
Contact position indicator				
Fault indication			-	
Connection And Installation				
Ambient temperature(with da	ily average≤35°C)		-5℃ ~+40℃	
Dratastian dagge	ALL Sides		IP40	
Protection degree	Connection Terminal		IP20	
Wire(mm²)		1-16	1-16	1-16
busbar(mm²)			16	16
Mounting		Cable	Cable/Busbar	Cable/Busbar
Pollution degree			2	
Reference temperature for set	ting of thermal element(${}^{\circ}\!$		30	
Storage temperature($^{\circ}$ C)			-25℃ ~+70℃	
Tightening torque			3.0	
Connection			Top and Bottom	
Dimensions(mm)	a(1P/2P/3P/4P)		17.5/35/52.5/70	
(WxHxL)	b(1P/2P/3P/4P)		83/83/83/83	
<u>,</u> Ç	c(1P/2P/3P/4P)		67/67/67/67	
	1P		0.1	
\\\a:\mb*/\ca\	2P		0.2	
Weight(kg)	3P		0.3	
	4P		0.4	
Default □ Optional – No				
Default in Optional - No	one			
Ĭ				

1P,1P+N,2P,3P,3P+N,4P	1P,1P+N,2P,3P,3P+N,4P	1P,1P+N,2P,3P,3P+N,4P	1P,2P,3P,4P	1P+N
△ (€	△ C€	△ (€	C€	C€
				1
1-63A	1-63	1-63	63-125	6-32
50/60	50/60	50/60	50/60	50/60
1P:230/400~,2/3/4P:400~	1P:230/400~,2/3/4P:400~	1P:230/400~,2/3/4P:400~	1P:230/400~,2/3/4P:400~	230~
500	500	500	500	400
6	6	6	6	4
6	4.5	6	6	3
B,C,D	B,C,D	B,C,D	(8-12ln)	B,C,D
440	440	440	440	240
2	2	2	2	2
10000	10000	10000	1500(In=63A 80A 100A) 1000(In=125A)	10000
4000	4000	4000	8500(In=63A 80A 100A) 7000(In=125A)	4000
		0	-	
	2		-	- <u> </u>
	-		1	1
		-		
		-5℃ ~+40℃		
		IP40		
		IP20		
1-16	1-16	1-16	25-50	1-10
16	16	16	-	-
Cable/Busbar	Cable/Busbar	Cable/Busbar	Cable	Cable
		2	1.755005	10 5000000
		30		
		-25℃ ~+70℃		
	3.0	-25℃ ~+70℃	3.5	2.5
	3.0		3.5	2.5
		-25℃ ~+70℃ Top and Bottom		
	17.5/35/52.5/70		26.9/53.8/80.7/107.6	2.5 17.8 83
	17.5/35/52.5/70 83/83/83/83			17.8 83
	17.5/35/52.5/70 83/83/83/83 67/67/67/67		26.9/53.8/80.7/107.6 83/83/83/83 78.5/78.5/78.5	17.8 83 77.5
	17.5/35/52.5/70 83/83/83/83 67/67/67/67 0.1		26.9/53.8/80.7/107.6 83/83/83/83	17.8 83
	17.5/35/52.5/70 83/83/83/83 67/67/67/67		26.9/53.8/80.7/107.6 83/83/83/83 78.5/78.5/78.5/78.5 0.15	17.8 83 77.5 0.11



MCB





Normal Working Conditions and Installation Conditions:

- ◆ Ambient Temperature: -5°C ~+40°C, it's average over a period of 24 hours does not exceed +35°C.
- → Height above Sea Level: ≤ 2000m.
- Atmospheric Condition:
- When the maximum temperature is +40%, the relative humidity of the air is not exceed 50%, and it has higher humidity at lower temperature. The maximum monthly relative humidity is 90%, and the lowest temperature is +20%. Additionally, a frost might be present, with the temperature change.
- Pollution Degree: 2
- Installation Conditions:
- Installation Category and Type: Installation category is II or III, and the installation type adopts standard steel guide rail installation (TH35-7.5).
- The circuit breaker shall be installed vertically, and the upward position of the handle shall be connected to the power.
- The installation should be free from obvious impact and vibration, corrosive and explosive gases.

Characteristics Curve





MCB



Time-current operating characteristics

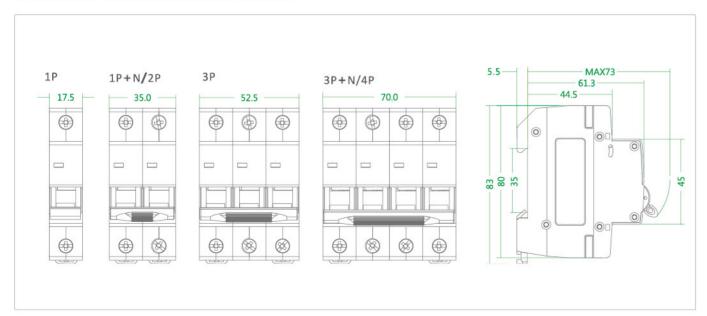
Test	Туре	Test current	Inital condition	Limits of tripping or non-tripping time	Result to be obtained	Remarks
a	B, C, D	1,13 / _n	Cold ^a	$t \le 1h(for I_n \le 63A)$	No tripping	
				$t \le 2h(for /_n > 63A)$		
b	B, C, D	1,45 / _n	Immediately	$t < 1h(for /_n \le 63A)$	Tripping	Current steadily increased within 5 s
			following test a	$t < 2h(for /_n > 63A)$		WICHIII 5 S
С	B, C, D	2,55 / _n	Cold ^a	1s < t < 60s (for $I_n \le 32A$) 1s < t < 120s (for $I_n > 32A$)	Tripping	
d	B C D	3 / _n 5 / _n 10 / _n	Cold ^a	$t \le 0,1s$	No Tripping	Current established by closing an auxiliary switch
е	B C D	5 / _n 10 / _n 20 / _n ^b	Cold ^a	t < 0,1s	Tripping	Current established by closing an auxiliary switch

^a The term "cold" means without previous loading, at the reference calibration temperature. ^b 50 /n for special cases.

NOTE An additional test, intermediate between c and d, is under consideration for circuit-breakers of type D.

Dimensions

SB6NZ/SB6HS/SB6H/SB6L/SB6HC/SB6LC



◆ SG6H 1P 2P 3P 3 0 (1) 0 0 0 (1) 1 1 0 SN6N MAX72 1P+N 61.3 -44.5 17.8 ••



RCBO



Model			SL6N	SF6H	SH6H
IEC/EN 61009-1			GACIA GACIA	CACIA SIGN	GACIA GG GG GG GG GG GG GG GG GG GG GG GG GG
Poles	117		1P+N	1P+N, 2P, 3P+N4P	1P+N, 2P, 3P+N4P
Certification					
Electrical Specifiction					
Rated current(A)	In	1	6-32A	6-32A	63-125A
Rated frequency(Hz)			50/60	50/60	50/60
Rated working voltage(V)	U	е	230~	1P+N/2P:230~,3/3P+N/4P:400~	1P+N/2P:230~,3/3P+N/4P:400
Rated insulated voltage(V)	U	i	400	400	400
Rated impulse withstand vo	the second second	imp	4	4	4
Rated short-circuit breaking			3	4.5	6
Rated Residual current(mA		\n	30,100,300	30,100,300	30,100,300
Thermo-magnetic release of			B,C,D	B,C,D	B,C,D
Residual current protectio			2,0,0	Electronic	5,5,5
Residual current working				AC	
Rated residual making and		n/l∆m	500A	500(In≤50A),630(In=63A)	10ln
Dielectric test voltage(kV)	, — ATA S AS			2.5	
	Mechanical Standar	d value	10000	10000	8500(In=63A 80A 100A)
SORVICO LITO	iviectialical Standar				
Service life (O-C)	Electrical Standard		4000	4000	
			4000	4000	1500(In=63A 80A 100A)
(O-C) Control And Indication			4000	4000	
(O-C) Control And Indication Shunt release(SHT)	Electrical Standard v		4000		
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT	Electrical Standard v		-		
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX)	Electrical Standard v			-	
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT)	Electrical Standard v			-	1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator	Electrical Standard v			-	1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication	Electrical Standard v			-	1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation	Electrical Standard v			-	1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with o	Electrical Standard v			-	1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with o	Electrical Standard v			- - - - - -5℃ ~+40℃	1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with of	Electrical Standard (- - - - - -5℃ ~+40℃ IP40	1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with o	Electrical Standard (-	- - - - - - - -5℃ ~+40℃ IP40 IP20	1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with of the protection degree) Wire(mm²) busbar(mm²)	Electrical Standard (1-6	- - - - - - -5°C ~+40°C IP40 IP20 1-16	1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with of Protection degree Wire(mm²) busbar(mm²) Mounting	Electrical Standard (- - - 1-6 16		1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with of Protection degree Wire(mm²) busbar(mm²) Mounting Pollution degree	Electrical Standard (T) daily average≤35℃) ALL sides Connection terminal	value	- - - 1-6 16		1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with of Protection degree Wire(mm²) busbar(mm²) Mounting Pollution degree Reference temperature for	Electrical Standard (T) daily average≤35℃) ALL sides Connection terminal	value	- - - 1-6 16		1500(In=63A 80A 100A)
(O-C) Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with of Protection degree Wire(mm²) busbar(mm²) Mounting Pollution degree Reference temperature(°C)	Electrical Standard (T) daily average≤35℃) ALL sides Connection terminal	value	- - - 1-6 16		1500(In=63A 80A 100A)
Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with of Protection degree Wire(mm²) busbar(mm²) Mounting Pollution degree Reference temperature for s Storage temperature(°C)	Electrical Standard (T) daily average≤35℃) ALL sides Connection terminal	value	1-6 16 Cable/Busbar		1-35 - Cable
Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with of Protection degree Wire(mm²) busbar(mm²) Mounting Pollution degree Reference temperature for s Storage temperature(°C) Tightening torque Connection	Electrical Standard (T) daily average≤35℃) ALL sides Connection terminal	value	1-6 16 Cable/Busbar		1-35 - Cable
Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with of Protection degree Wire(mm²) busbar(mm²) Mounting Pollution degree Reference temperature for storage temperature(°C) Tightening torque Connection	Electrical Standard v T) Idaily average≤35℃) ALL sides Connection terminal setting of thermal element	value	1-6 16 Cable/Busbar		1-35
Control And Indication Shunt release(SHT) Undervoltage release(UVT Auxiliary contact(AUX) Alarm contact(ALT) Contact position indicator Fault indication Connection And Installation Ambient temperature(with of Protection degree Wire(mm²) busbar(mm²) Mounting Pollution degree Reference temperature for storage temperature(°C) Tightening torque Connection	Electrical Standard v T) Idaily average≤35℃) ALL sides Connection terminal setting of thermal element a(1P+N)	value	1-6 16 Cable/Busbar		1-35

[■] Default □ Optional - None



Normal Working Conditions and Installation Conditions

- ◆ Ambient Temperature: -5℃ ~+40℃.
- ♦ Height above Sea Level: ≤ 2000m
- ◆ Installation Category: II, III
- Pollution Degree: 2
- ♦ The installation type adopts standard steel guide rail installation (TH35-7.5).
- ◆ Installation Conditions: The external magnetic field of the installation site shall not exceed 5 times of the earth's magnetic field in any direction.

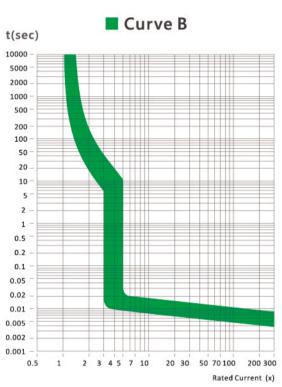
 -When over voltage residual current moves, the circuit breaker shall be installed vertically, and the upward position of the handle shall be -connected to the power. The installation should be free from obvious impact and vibration.
- Mode of Connection: Use screws to press the wiring.

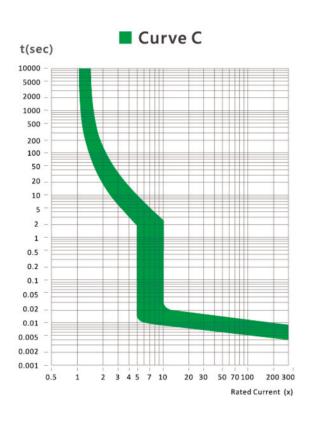


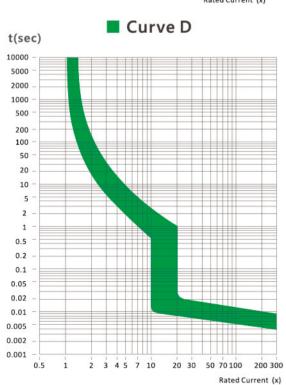
RCBO



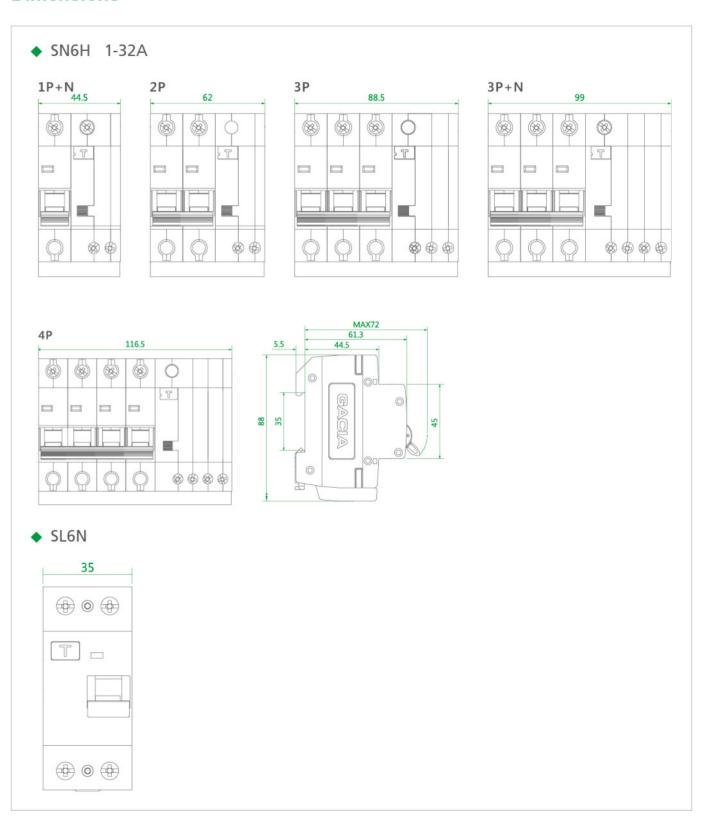
Characteristics Curve







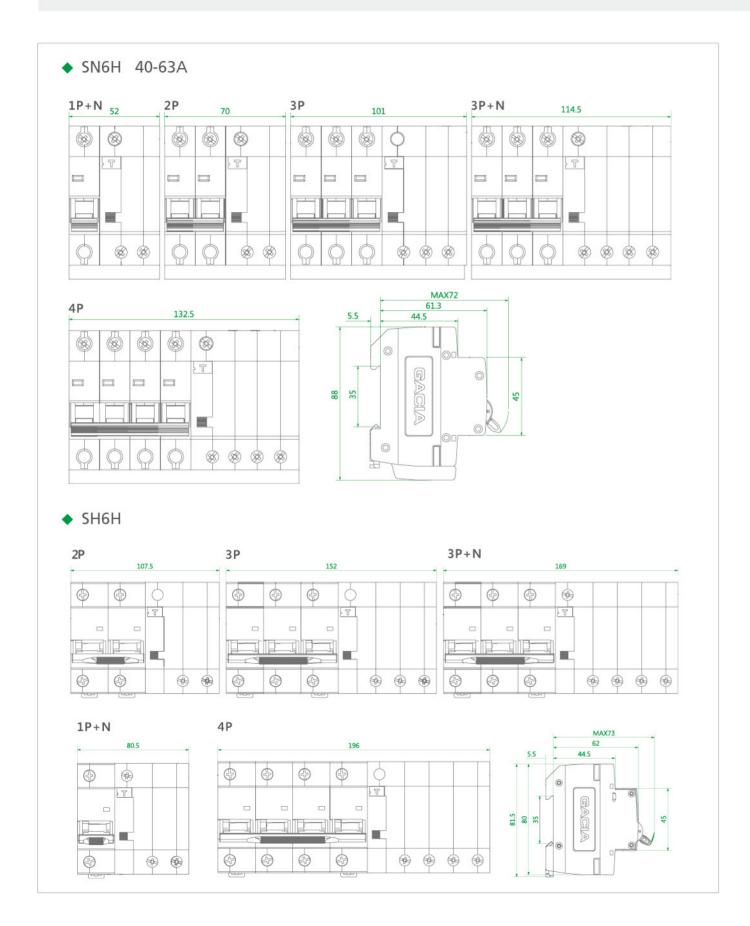
Dimensions





RCCB





Model		SR6HE	SR6HM
IEC/EN 61008-1		GACIA TO STATE OF THE STATE OF	GACIA TO THE PARTY OF THE PART
Poles	7.	2P, 4P	2P, 4P
Certification		KEMA CE	Kena CE
Electrical Specifiction			
Rated current(A)	ln	16-63A	16-63A
Rated working voltage(V)	Ue	2P:230,4P:400	2P:230,4P:400
Rated insulated voltage(V)	Ui	500	500
Impulse withstand voltage(k\	/) Uimp	6	6
Rated conditional short-circuit b	reaking capacity(KA) Ics	6	6
Rated Residual current(mA)	IΔn	10,30,100,300	10,30,100,300
Rated Residual making and b	reaking capacity I∆m	500(≤50A),630(63A)	500(≤50A),630(63A)
Residual current working typ	e	AC,AC+S,A	AC,A
Residual current Protection ty	уре	Electronic	Electromagnetic
Dielectric test voltage(kV)			2.5
Service life Mechanical	Standard value		4000
(O-C) Electrical	Standard value		2000
Control And Indication			
Shunt release(SHT)			
Undervoltage release(UVT)			-
Auxiliary contact(AUX)			
Alarm contact(ALT)			-
Contact position indicator			
Fault indication			-
Connection And Installation			
Ambient temperature(with d	aily average≤35℃)		-5℃ ~+40℃
2	ALL sides		IP40
Protection degree	Connection terminal		IP20
Wire(mm²)			16
busbar(mm²)			25
Mounting			Cable/Busbar
Reference temperature for se	etting of thermal element		30
Pollution degree			2
Storage temperature (°C)			-25℃ ~+70℃
Connection		Тор	Top and bottom
Dimensions(mm)	a(2P/4P)		35/70
(WxHxL)	b(2P/4P)		80/80
	c(2P/4P)		77.5/77.5
1144	2P		0.17
Weight(kg)	4P		0.34
			V.JT

[■] Default □ Optional - None



RCCB

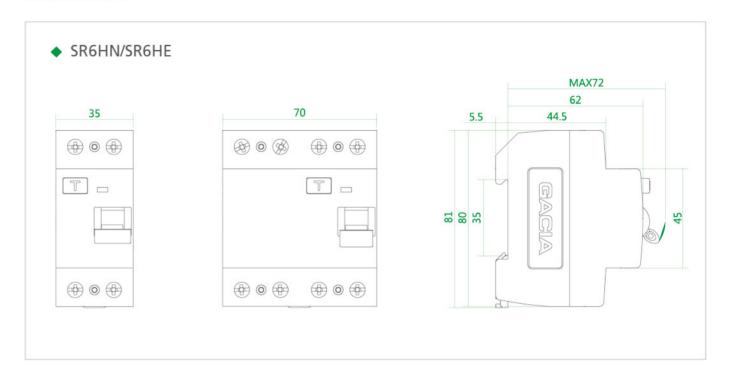




Normal Working Conditions and Installation Conditions

- ◆ Ambient Temperature: -5°C ~+40°C .
- ◆ Height above Sea Level: ≤ 2000m
- Installation Category: II, III
- Pollution Degree: 2
- ♦ The installation type adopts standard steel guide rail installation (TH35-7.5).
- ◆ Installation Conditions: The external magnetic field of the installation site shall not exceed 5 times of the earth's magnetic field in -any direction. When over voltage residual current moves, the circuit breaker shall be installed vertically, and the upward position of -the handle shall be connected to the power. The installation should be free from obvious impact and vibration.
- ◆ Mode of Connection: Use screws to press the wiring.

Dimensions





ACCESSORIES



The combination of electrical accessory devices



Remote indicating accessories

AUX auxlilary contact

Function:indicate the open and close state of circuit breaker. Application: distant indication of circuit breaker state.

ALT Alarming contact

trips.

Function:send signal at the time of fault tripping of circuit breaker. On the front panel, there is mechanical indication which can indicate fault tripping.

AUX+ALT/AUX double switching contact

Function: two switching contact can Indicate the "open" or "closed" state of circuit breaker with OFF. Indicate the failure trip of circuit breaker. Application: two loops Up :AUX Down: ALT and AUX Select functions with the rotating switch on the right. Selecting function indicated on the front cover of the device. Be a red indicator on the front cover of the pevice when failure

Tripping accessories

Red tripping indicator on the front cover of the device.

SHT shunt release, SHTA shunt release+aux

Function: when it gets signal, it triggers the circuit breaker to

SHTA: it includes a condition indication contact to indicate the on/off state of circuit breakers.

Application: distant control can achieve emergency breaking. Distant indication of circuit breaker state.

UVT under-voltage release

Function: when power voltage lowers(35%~70%Un), it makes circuit breaker trip; when power is not supplied normally, it prevents circuit breaker from reconnecting to the circuit.

0.2S time delay prevents the temporary lowering of voltage from causing mistrip.

Application: preventing machine from restarting without control signal, ensuring safety.

OVT over-voltage release

Function: monitor voltage between phase line and neutral line. When voltage rises(for example, neutral line is broken), it triggers circuit breakers to trip.

Rated tripping voltage range:280vac+/-5%.

Application: preventing over-voltage from damaging circuit and equipement.

OUVT Over&under-voltage release

Function: it has function of over-voltage release, and function of making circuit breaker trip when power voltage lowers.

Rated tripping voltage range:280vac+/-5%.

Rated under-voltage tripping range: 55 ~160v.

Application: preventing over-voltage and under-voltage from damaging circuit and equipment.















odel		Voltage Ue		Working current	3	Contact Number
ixiliary conta	:t					
11	AC	230/400V		230V AC	6A	1NO/NC
+	DC	120V		400V AC	3A	
12 14				120V DC	1A	
rm contact						
91	AC	230/400V		230V AC	6A	1NO/NC
1	DC	120V		400V AC	3A	
94 92				120V DC	1A	
nunt release	AC	120/400V	48V	12/24V	-	-
IT	DC	120V	48V	12/24V	-	
G2 C1 (U+) (N-)					-	
unt release+	Aux					
U>	AC	120/400V	48V	12/24V	230V AC 6A	1NO/NC
TYT	DC	120V	48V	12/24V	400V AC 3A	
14 12 C2 C1 11 (L/+) (N/-)					120V DC 1A	

del		Voltage Ue		Working current	Contact Number
der-Volatage	e Releas	e			
U-	AC	230V	230V	i.e.	-
ľ	DC	-	-	-	
D1 D2 (L/+) (NI-)				-	
verVolatage F		2301/	2301/		
		230V	230V	-	-
	AC		502000		
Uss	DC		-	_	
U»	C20100		1 See 2000		
ver&under-vo	DC	3.5	1 See 2000		
N E	DC	3.5	1 See 2000		-
N E	DC	- elease 230V	-	-	