

Waterproof Distribution Box

PV Combiner Box

GACIA

GACIA ELECTRICAL APPLIANCE CO., LTD.

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GACIA



Company Profile

Gacia Electrical Appliance Co., Ltd is an export-oriented high-tech enterprise specializing in R&D, production and sales of various low-voltage circuit breakers. The company was established in August 2002 and is headquartered in Wenzhou. After 20 years of development, it has formed a three-in-one strategic layout of Zhejiang, Jiangxi, and Shanghai. The plant area is 160,000 square meters, the company has 1,200 employees and has an annual output of 100,000,000 poles of MCB, 4,000,000 pcs of RCCB/RCBO, and 300,000 pcs of MCCB.

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.The products are sold best in more than 60 countries and regions in all of the world. Long-term cooperative relations have been established with three enterprises of the world's top 500. The annual R & D investment on new products is not less than 5% of the annual sales, and has won more than 130 national patents, including 12 invention patents, and participated in the formulation of a number of industry standards that applied for the registration of international trademarks in 123 countries and regions. Overseas independent brand agents were set up in 38 countries and more than 80 international product certifications were obtained. The "GACIA" trademark was recognized as the "recommended brand of China's export products by the Ministry of Commerce".



We have been committed to the inheritance and continuous progress of the electrical field, and are dedicated to ensuring the transmission and distribution of electrical energy. As a R&D and manufacturer of electrical installation and cable access products, we demonstrate the strength of the GACIA brand through our strong R&D creativity and solutions, with customers at the core and fast delivery.

1 INPUT 1 OUTPUT 1000VDC

SCBP-1/1





Product Application

Suitable for PV system, equipped with a surge protector and an isolator,providing isolation, leakage and grounding protection.

DC Surge Arrester

SPD-T2-DC/2P

- Max Operation Voltage 1000V
- Standard Compliance with IEC/EN 61643-31 Type2
- Maximum Discharge Current 40 KA

DC Fuse

NRD-30

- LED Indicator or without LED indicator
- Rated Working Voltage 1000V
- Fuse Link 10x38mm 16A

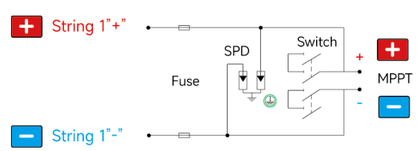
DC Switch Disconnector

GAC PV-32

- Rated Insulation Voltage 1200V
- Rated Current 32A

Technical Data

Specification		
	SCBP-1/1	Wiring diagram
Input	1 strings	
Output	1 strings	
Max Voltage	1000V	
Max DC Short Circuit Current Per Input	16A(Changeable)	
Max Current Output	32A	
Enclosure		
Material	PC	
Degree of Protection	IP65	
Impacts	IK09	
Dimensions	GAAT-9; L218*W200*H100mm	
Cable input Entry	PGO9 Cable Gland,2.5-16mm^2	
Output Cable Gland	PG21,2.5-16mm^2	
Environment		
Operating temperature	-20°C -+60°C	
Humidity	99%	
Altitude	2000M	
Installation	Wall Mounting	



PV Combiner Box

SCBP SERIES

2 INPUT 1 OUTPUT 1000VDC

SCBP-2/1





Product Application

Suitable for PV system, equipped with a surge protector and an isolator, providing isolation, leakAge and grounding protection.

DC Surge Arrester

SPD-T2-DC/3P
- Max Operation Voltage 1000V
- Standard Compliance with IEC/EN 61643-31 Type2
- Maximum Discharge Current 40 KA

DC Fuse

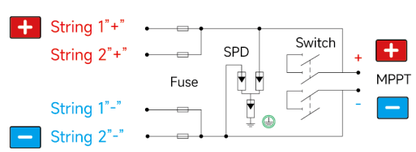
NRD-30
- LED Indicator or without LED indicator
- Rated Working Voltage 1000V
- Fuse Link 10x38mm 16A

DC Switch Disconnector

GAC PV-32
- Rated Insulation Voltage 1200V
- Rated Current 32A

Technical Data

Specification		
	SCBP-2/1	**Wiring diagram**
Input	2 strings	
Output	1 strings	
Max Voltage	1000V	
Max DC Short Circuit Current Per Input	16A(Changeable)	
Max Current Output	32A	
Enclosure		
Material	PC	
Degree of Protection	IP65	
Impacts	IK09	
Dimensions	GAAT-13; L296*W230*H120mm	
Cable input Entry	PGO9 Cable Gland, 2.5-16mm^2	
Output Cable Gland	PG21,2.5-16mm^2	
Environment		
Operating temperature	-20°C -+60°C	
Humidity	99%	
Altitude	2000M	
Installation	Wall Mounting	



3 INPUT 1 OUTPUT 1000VDC

SCBP-3/1





Product Application

Suitable for PV system, equipped with a surge protector and an isolator, providing isolation, leakage and grounding protection.

DC Surge Arrester

SPD-T2-DC/3P
- Max Operation Voltage 1000V
- Standard Compliance with IEC/EN 61643-31 Type2
- Maximum Discharge Current 40 KA

DC Fuse

NRD-30
- LED Indicator or without LED indicator
- Rated Working Voltage 1000V
- Fuse Link 10x38mm 16A

DC Switch Disconnector

GAC PV-32
- Rated Insulation Voltage 1200V
- Rated Current 32A

Technical Data

Specification		
	SCBP-3/1	**Wiring diagram**
Input	3 strings	
Output	1 strings	
Max Voltage	1000V	
Max DC Short Circuit Current Per Input	16A(Changeable)	
Max Current Output	32A	
Enclosure		
Material	PC	
Degree of Protection	IP65	
Impacts	IK09	
Dimensions	GAAT-13; L296*W230*H120mm	
Cable input Entry	PG09 Cable Gland,2.5-16mm^2	
Output Cable Gland	PG21,2.5-16mm^2	
Environment		
Operating temperature	-20°C -+60°C	
Humidity	99%	
Altitude	2000M	
Installation	Wall Mounting	

