



Waterproof
Distribution
Box

PV Combiner
Box

GACIA

GACIA ELECTRICAL APPLIANCE CO., LTD.

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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".



Waterproof Distribution Box

GAHT SERIES

Product Benefit Description



IP65 protection level
The surface cover and bottom shell are wrapped with waterproof sealing strips, providing better waterproof performance



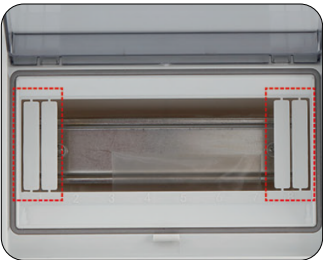
Lock buckle structure
Thickened lock positions on the face frame and cover make the structure more secure



Hinge structure of the cover
1. Opening angle of the cover > 115°;
2. The cover can be fixed when opened at the maximum angle;
3. Face cover closure and closing life ≥ 500 times



Accessory bag installation packAge
Attachment packAge contains: 4 pieces φ6*30 plastic Expansion tube+4 M4*25 self tapping screws



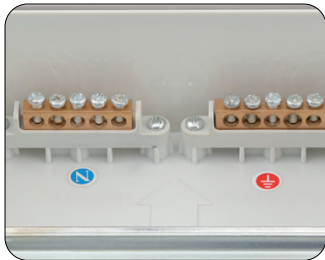
Equipped with circuit baffle
The left and right sides of the face frame are equipped with circuit baffles,Partial filling function and easy disassembly



Loose frame structure
1. The fixed face frame is a non loosening screw, and after loosening the face frame, the screw will not be missed
2. Fixed screws on the outer side of the waterproof strip for better waterproof performance



Multi ring knockout hole
Knock off the surface of the hole with lettering for easy selection of lines
Specification of cable joint and reserved hole opener Positional aperture



Copper terminal assembly
The terminal block can pass the 960°C hot wire test with guaranteed safety performance

Model Meaning

GA	HT	-	□
Enterprise code	Product model		Number of circuits

- The bottom shell and surface frame are made of ABS new material, while the transparent cover is made of PC new material, which has characteristics such as good toughness, high strength, good impact resistance, and long service life.
- Suitable for various indoor and outdoor places such as waterproof, dustproof,and anti-corrosion
- Executive standard: GB/T 17466.1; GB/T 17466.24; IEC 60529 IP65

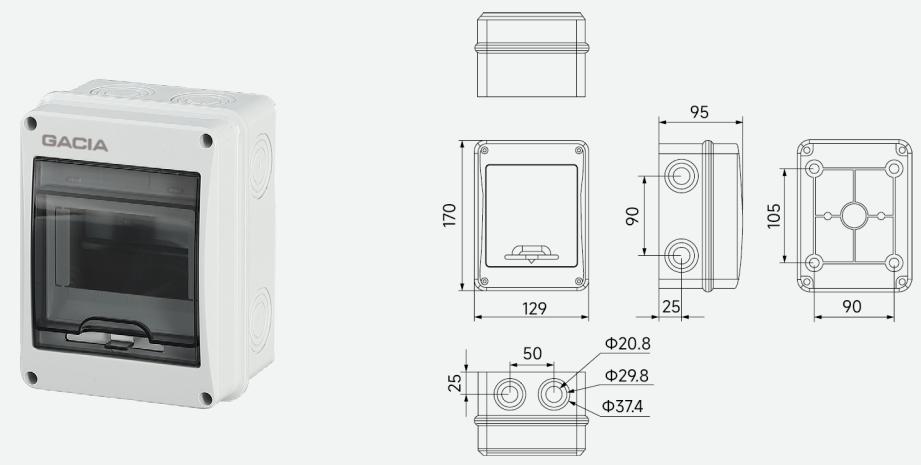
GAHT series surface mounted waterproof distribution box product data summary table

No.	Model and name	Number of circuits	Number of rows	Overall dimensions (mm) (L*W*H)	Zero and ground busbar configuration	Outer box size (mm) (L*W*H)	Gross weight of the entire box (kg)	Number of boxes (pieces)
1	GAHT-5 Exposed waterproof distribution box	5way	Single Row	129*170*95	Zero row: 3holes Ground row: 3holes	555*365*520	18.2	40
2	GAHT-8 Exposed waterproof distribution box	8way		183*170*95	Zero row: 5holes Ground row: 5holes	520*390*545	17.8	30
3	GAHT-12 Exposed waterproof distribution box	12way		255*200*105	Zero row: 8holes Ground row: 8holes	570*425*540	18	20
4	GAHT-15 Exposed waterproof distribution box	15way		309*200*105	Zero row: 8holes Ground row: 8holes	625*460*430	17.3	16
5	GAHT-18 Exposed waterproof distribution box	18way		363*200*110	Zero row: 8holes Ground row: 8holes	575*383*430	12.6	10
6	GAHT-24 Exposed waterproof distribution box	24way		270*360*110	Zero row: 2 strips with 8 holes Ground row: 2 rows with 8 holes	570*395*385	9	6

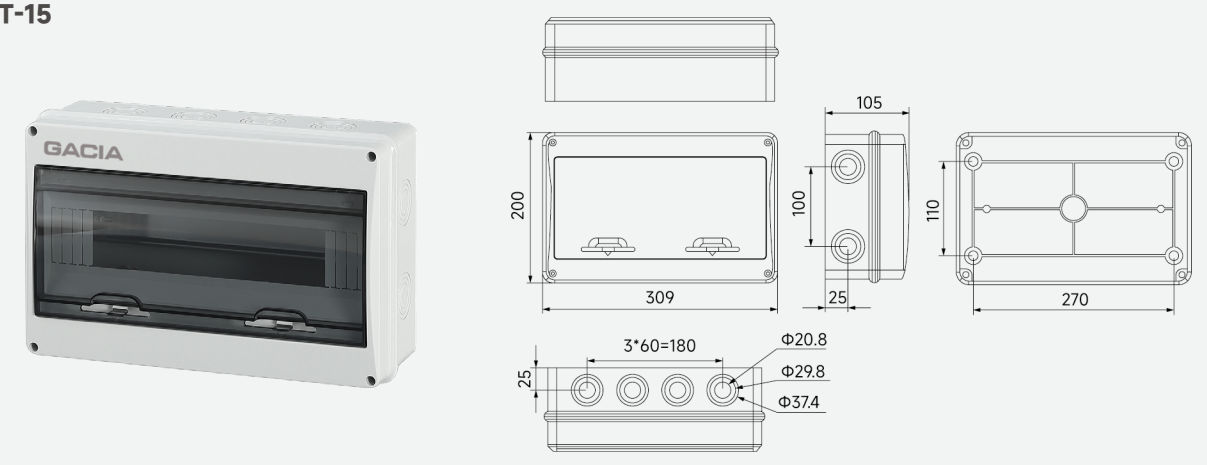
Waterproof Distribution Box

GAHT SERIES

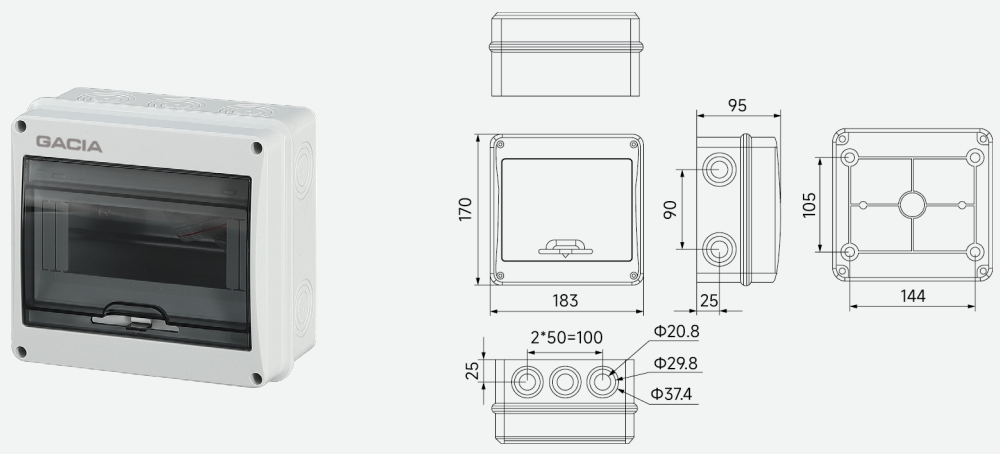
GAHT-5



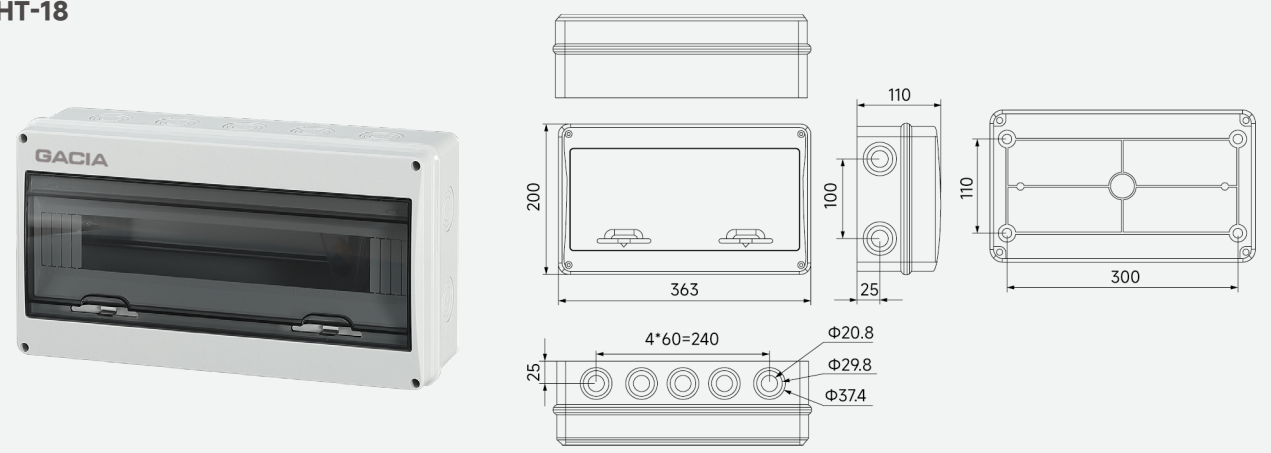
GAHT-15



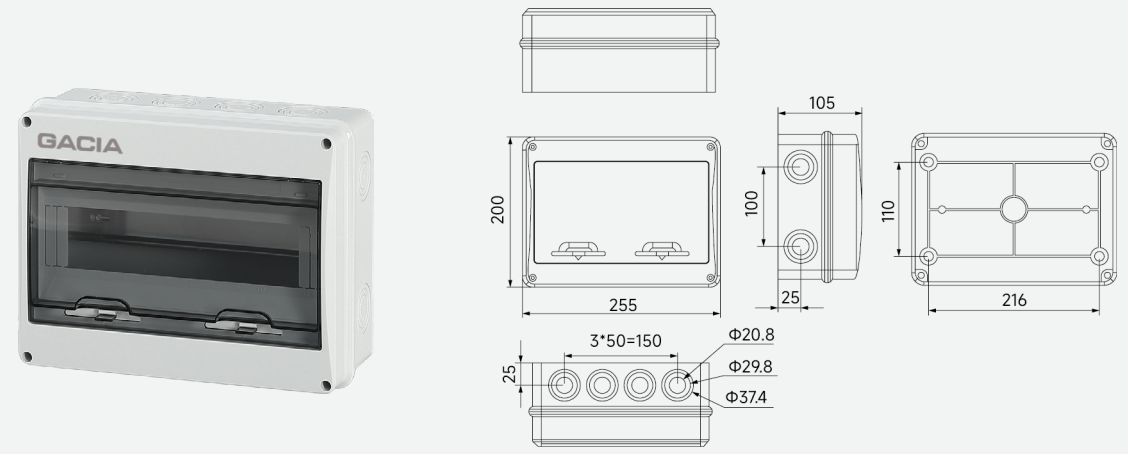
GAHT-8



GAHT-18



GAHT-12



GAHT-24

