DH-PFC102F

Distribution box

- Wide voltage input range from 100 VAC to 240 VAC.
- Built-in lightning surge protector that protects against lightning.
- Automatic heat dissipation with a fan that controls the internal temperature.
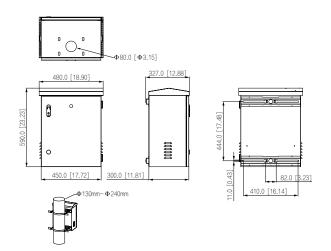- Partition boards and standard 35 mm DIN rails that make installation easy.

Smart Fan   Easy Installation

Scene

The waterproof power distribution box is ideal for storing devices used in power transmission, transfer and control. It can also be used as a power supply and is great for outdoor scenes such as roads, parks and parking lots.

Technical Specification

Function

Input Voltage	100–240 VAC
Input Current	≤32 A
Surge Protector	Max discharging current: 40 kA Voltage protection level: < 1.8 kV
Air Circuit Breaker (ACB)	Main power switch: 1 ×100–240 VAC, 32 A Sub power switches: 2 × 100–240 VAC, 16 A
Fan	Yes, with a temperature control module: 40 °C ± 5 °C (104 °F± 41 °F), 100–240 VAC
Socket	1, European standard
DIN Rail	Width: 35 mm (1.38")
Fiber Optic Splice Tray	Yes

Structure

Material	SPCC, thickness: 1.2 mm (0.05")
Color	RAL7035, light gray
Product Dimensions	590 mm × 480 mm × 327 mm (23.23" × 18.90" × 12.87") (L × W × H)
Transport Package Dimensions	721 mm × 590 mm × 450 mm (28.39" × 23.23" × 17.72") (L × W × H)
Packaging Method	One package for each device
Installation	1. Bolt-hoop installation, pole diameter: 130 mm–240 mm (5.12"–9.45") 2. Hoop-plate installation 3. Plate-bolt installation
Pole Diameter	130 mm–240 mm (5.12"–9.45")

Cable Hole	1, at the bottom; diameter: 80 mm (3.15")
Venetian Blind	Yes
Net Weight	23.5 kg (51.81 lb)
Gross Weight	26.5 kg (58.42 lb)
Accessory	a. 4 × M10 × 170 stainless steel hex bolts b. 8 × M10 stainless steel hex nuts c. 4 × M10 stainless steel spring washers d. 8 × M10 stainless steel flat washers e. 4 × M12 × 30 stainless steel hex bolts f. 8 × M12 stainless steel hex nuts g. 4 × M12 stainless steel spring washers h. 8 × M12 stainless steel flat washers i. 2 × hold hoop j. 1 × legal and regulatory information k. 1 × user's manual

Protection

Protection	IP54
Anti-theft	Yes

Environment

Operating Temperature	−35°C to +55°C (−31 °F to +131 °F)
Operating Humidity	<95% (RH)
Storage Temperature	−40°C to +60°C (−40 °F to +140 °F)
Storage Humidity	<95% (RH)

Certifications

Certifications	CE/UKCA: EMC: EN61000-6-3:2021; EN61000-6-1:2019 LVD: EN60204-1:2018

Ordering Information

Type	Model	Description
Distribution box	DH-PFC102F	Distribution box

Dimensions (mm[inch])