

Qingdao Britop International Trading Co., Ltd.

Customized solutions for medium and low voltage industrial and civil power distribution systems

- A global one-stop solution provider for electrical components
- One -stop design, integration, assembly and delivery expert

Technology-Driven Global Industrial Solution Integrator

Deep Fusion of Manufacturing Excellence & Professional Engineering

Core Business Advantages (Why Us?)



End-to-end integration

We integrate upstream precision sheet metal manufacturers and high-quality component suppliers to provide you with integrated delivery "from shell to system." This eliminates the costs of multiple communications and ensures perfect matching of technical parameters . We are not just a shell supplier, but a full-process service provider offering everything from requirements analysis and solution design to component procurement, assembly, and debugging.



Deep non-standard customization

For orders with "small batches, multiple varieties, and complex functions", we provide 100% customized services based on drawings or specific needs.



Technology-based trade

We have a professional team of technical engineers who assist clients in reviewing drawings, optimizing structures, and controlling costs, acting as your "second pair of eyes " on the production side. Leveraging 20 years of experience in quality supervision and procurement engineering, we oversee every process for you on-site at the factory.

Core Product Portfolio

category	Main product name	Application scenarios
Metal enclosure	Basic electrical boxes, stainless steel distribution boxes, Rittal-style cabinets, precision control panels	Construction, manufacturing, and computer rooms
Control system	Automated PLC control cabinet, water pump frequency converter cabinet, soft starter cabinet	Water treatment, automation lines
Special features	Explosion-proof electrical boxes, positive pressure explosion-proof cabinets, constant temperature and humidity control boxes	Chemical industry, coal mine, laboratory
Outdoor protection	Double-layer insulated outdoor cabinet, IP66 waterproof junction box, photovoltaic grid-connected box	New energy, communication base stations

category	Common uses	Product Examples
Industrial power distribution	Production line power, motor control, automation integration	XL-21 power cabinet, MCC control center, PLC control cabinet
Residential / Commercial	Floor power distribution, residential terminals, office building control	PZ30 terminal box, meter box, lighting distribution box
Special / Harsh Environments	Chemical plants, outdoor areas, damp or explosive locations	IP66 waterproof enclosure, 316L stainless steel enclosure, explosion-proof power cabinet

Customization Details

From "empty box production" to "custom assembly"

Custom sizes: Height (H) , width (W) , and depth (D) can all be machined to the millimeter level according to the installation space.

Dustproof / waterproof : IP44-IP66 protection rating certification, imported dispensing process.

Explosion-proof treatment: Strictly in accordance with GB/IEC standards, providing Exd /Exp/Exe level assembly.

Material and process: Cold-rolled steel sheet (electrostatic spraying), stainless steel (304/316L), aluminized zinc sheet and other materials are available.

Functional logic: Supports circuit design and component layout based on parameters such as voltage, current, temperature control, and logic control.

Thermal management: Intelligent temperature-controlled fans, air conditioning cooling or customized thermally conductive aluminum plates.

Electrical assembly: professional wiring, marking, and testing; ready to use right out of the factory.



Complete component supply chain and assembly.



Top-tier supply system

Integrate component resources from Schneider Electric, ABB , Siemens, and leading domestic brands (Chint, Delixi).



Standardized assembly

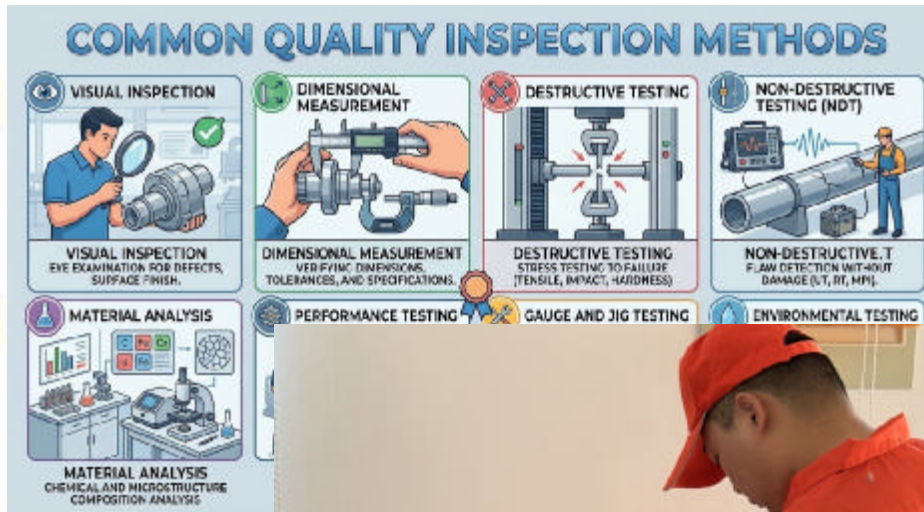
Strictly adhere to electrical wiring standards, ensuring neat wiring harnesses and clear labeling to guarantee the long-term stability of equipment operation.



Professional testing and debugging

Before delivery, insulation testing, power-on logic verification, and simulated load testing are conducted to ensure immediate usability upon arrival.

Quality Management and Industry Experience (Experience & Quality)



Senior technical expertise: The team has over 20 years of experience in quality supervision and over 10 years of experience in procurement engineering.

Full-process QC supervision: We have established a rigorous incoming quality control (IQC) and final quality control (FQC) process to represent our customers in strictly controlling quality at the factory level.

- **Incoming material inspection:** Sampling and testing of steel plate thickness and material composition.
- **Process control:** The precision error of laser cutting is controlled within 0.1mm .
- **Coating quality inspection:** adhesion test (cross-cut test), salt spray test.
- **Final inspection before shipment:** electrical power-on simulation test and structural sealing verification.

Documentation delivery: Complete electrical schematics, wiring diagrams, quality inspection reports, and operation and maintenance manuals will be provided with the goods.

Distribution Box – From Sketch to Reality

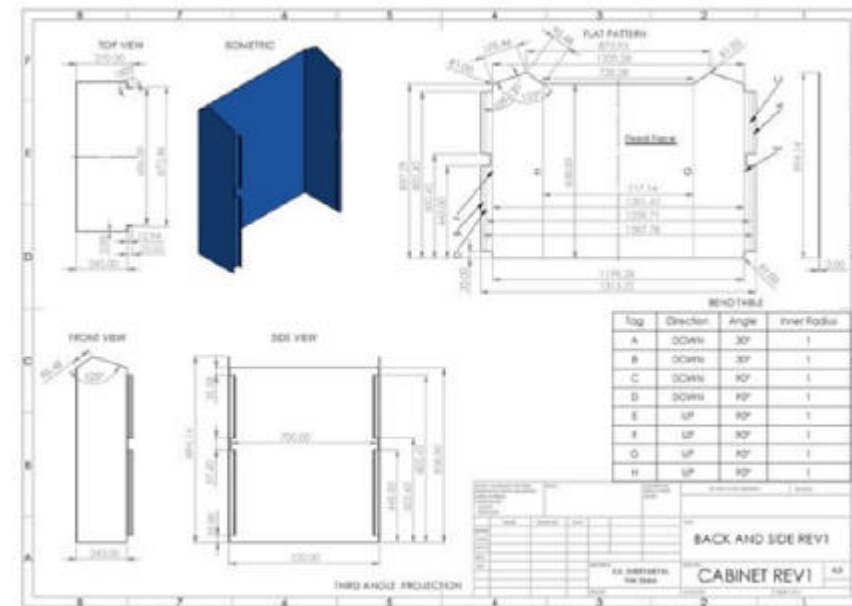
Technical solution enhancement services

Our technical team is proficient in software such as CAD and Solidworks to provide you with :

Schematic diagram review : Assist in optimizing electrical layout logic .

3D structural modeling: Preview the aesthetics and heat dissipation space of the enclosure in advance .

Precise hole positioning : Ensure zero installation errors



Samples and Case Studies

Project Case: Smart Water Control Center

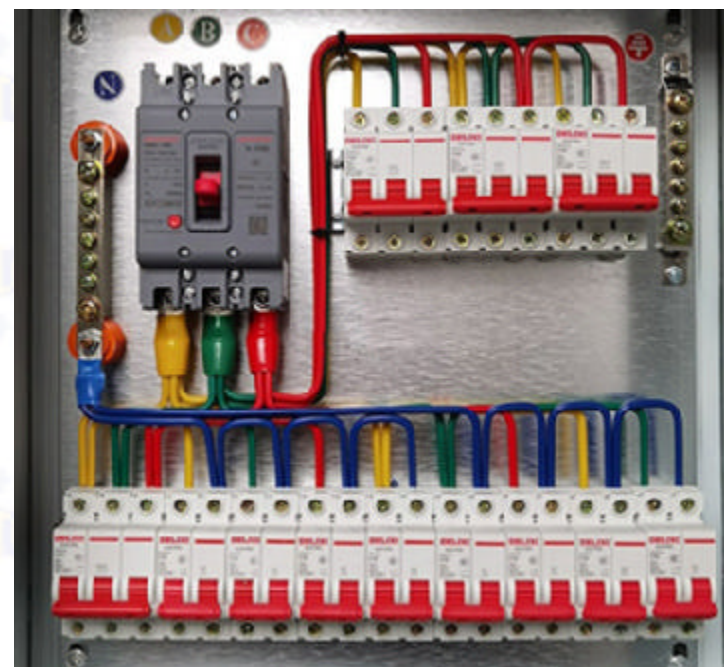
Requirements: IP65 waterproof, multi-channel frequency converter control, anti-interference.

Solution: Use 2.0mm cold-rolled steel sheet with electrostatic spraying, adopt an internal S-shaped wiring structure, and be equipped with a customized stainless steel rainproof top cover.

Results: 300 sets were successfully delivered, operating smoothly with zero customer returns.



Samples and Cases



Samples and Cases



Our core business keywords

1. Non-Standard Customization Experts
2. Precision Sheet Metal Fabrication
3. One-Stop Electrical Assembly
4. Explosion-Proof Certification
5. IP66 Waterproof Rating
6. CAD/3D Design Detailing
7. Corrosion-Resistant Stainless Steel Enclosures
8. Industrial Automation Cabinets
9. Rigorous Quality Inspection Standards
10. Rapid Prototyping & Delivery

— We are committed to using our professional industry experience to transform your ideas into stable, operational products.

Looking forward to cooperating with you

Let's work together to build a safe, efficient, and reliable power system.

Qingdao Britop International Trading Co., LTD .

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