

SINGI: A Top RCBO Manufacturer for Certified Low-Voltage Protection

SINGI delivers certified RCBO solutions alongside MCB, MCCB, SPD, ATS and PV safety products—helping distributors and contractors cut installation time, reduce risk, and streamline multi-market sourcing.



Yueqing, Zhejiang Jan 21, 2026 ([Issuewire.com](https://www.issuewire.com)) - *From smart circuit protection to PV safety switching, SINGI helps distributors, contractors, and OEM partners reduce risk, speed installation, and meet multi-market compliance needs.*

China's electrical industry continues to face a familiar set of buyer challenges: tighter project deadlines, rising safety expectations, increasing demand for certified products across regions, and the need to balance performance with total installed cost. Against that backdrop, [SINGI](#)—established in 1995 and backed by a group structure that includes Zhejiang Singi Electrical LLC, Shanghai Singi Electrical Co., Ltd., Shanghai Singi Wire and Cable Co., Ltd., and Zhejiang Jonan Metal Stamping Co., Ltd.—is expanding its role as a trusted supply partner for low-voltage protection and electrical accessories worldwide.

With registered capital of over **USD 10 million**, ISO management system certifications (ISO 9001, ISO 14001, ISO 45001), and a portfolio supported by **50+ China patents**, SINGI delivers integrated product lines designed to solve real installation and compliance pain points—from residential distribution boards to commercial power panels and PV DC safety systems.

Solving the buyer's biggest pain points: safety, certification, and project efficiency

Procurement teams and electrical contractors rarely buy “a product.” They buy outcomes: fewer call-backs, safer sites, easier acceptance tests, smoother customs clearance, and predictable delivery. SINGI’s product strategy is built around those outcomes, with a focus on certified, scalable solutions that reduce complexity at the panel level.

For many buyers, [RCBO](#) is now a priority component because it combines residual current protection and overcurrent protection in one device—reducing wiring time, saving DIN rail space, and supporting safer residential and light commercial installations. As a **Top RCBO manufacturer**, SINGI supports procurement and distribution partners who need stable quality, consistent specifications, and the ability to match project requirements without overpaying for unnecessary features.

At the same time, markets increasingly require broader “system thinking” beyond a single protective device. That’s where SINGI’s full low-voltage ecosystem becomes valuable: [Miniature Circuit Breaker](#) solutions for branch circuits, **Moulded Case Circuit Breaker** options for higher-current feeders, **Surge Protective Device** choices for lightning and transient overvoltage risks, plus the enclosures and accessories that make panels faster to assemble and easier to maintain.

Built for global compliance and smoother market access

International buyers often face a second layer of risk: product acceptance and certification recognition. SINGI addresses this through established management systems and multi-market compliance coverage. Depending on the product category, SINGI supports certifications including **CCC** and widely recognized North American and international safety marks such as **UL/ETL**, along with **CB** and **CE** for applicable products.

That breadth matters because it helps importers and distributors:

- Reduce documentation friction during customs clearance and project audits
- Improve acceptance rates for contractor and utility requirements
- Standardize SKUs across multiple regions while controlling inventory cost

In practical terms, it means buyers can build more consistent purchasing programs across common categories such as **Distribution Box**, outlet boxes, communication cables, and low-voltage protection components.

A complete low-voltage portfolio that supports “one-vendor” sourcing

SINGI’s product coverage is designed for procurement efficiency—helping partners consolidate spend and reduce supplier fragmentation without sacrificing specialization. Core categories include:

- **RCBO** for combined residual current and overcurrent protection
- **Miniature Circuit Breaker (MCB)** for branch circuit protection and everyday distribution needs
- [Moulded Case Circuit Breaker \(MCCB\)](#) for higher-current feeders and industrial panels
- **Surge Protective Device (SPD)** solutions to reduce damage from lightning and switching

surges

- [Automatic Transfer Switch \(ATS\)](#) for reliable switching between primary and backup power sources
- **Smart Circuit Breaker** options to support monitoring, control, and modern energy management scenarios
- Panel and enclosure essentials, including **Distribution Box** systems and metal accessories for low-voltage assemblies

For PV and renewable energy applications, SINGI also supports DC-side safety and integration needs with product families such as:

- **Combiner Box** solutions to simplify string aggregation and protection layout
- **Fuse Holder** accessories are widely used in PV DC protection designs
- **Rapid Shutdown Device (RSD)** solutions that support safer rooftop operations and emergency response requirements

By covering these categories under a unified manufacturing and quality approach, SINGI helps buyers build consistent panel architectures and reduce the risk of mismatched components.

Designed for practical installation and lifecycle reliability

Electrical products succeed or fail on job sites. The difference between a “good” device and a “preferred” device is often how it behaves in real-world conditions: wiring time, labeling clarity, panel fit, and long-term stability.

SINGI's development approach prioritizes usability for installers and technicians, including:

- Product families that are easier to integrate into standard distribution layouts
- Materials and metal accessory capabilities that support consistent assembly quality
- Options that align with the needs of distributors who serve both volume demand and project-based purchasing

For OEM and private-label partners, SINGI also supports **R&D and production collaboration** across low-voltage electrical accessories and smart home integration products, allowing buyers to tailor features, packaging, and product combinations to their target markets.

Innovation backed by patents and manufacturing depth

As compliance expectations rise and product families become more specialized, buyers increasingly look for manufacturers with proof of sustained innovation and engineering capacity. SINGI's portfolio is

backed by **more than 50 patents** granted in China, reflecting long-term investment in product development and manufacturing know-how.

This innovation capability is especially relevant for buyers seeking:

- Faster adaptation to market requirements and tender specifications
- Expanded options across AC distribution and PV DC safety systems
- Reliable, repeatable manufacturing that supports long-term distribution partnerships

Supporting international business growth with regional presence

As procurement shifts toward faster service cycles and localized support, SINGI continues to strengthen its international footprint. In addition to its China-based manufacturing and group operations, SINGI maintains an office presence in **Kazakhstan**, supporting partners and projects across Central Asia with closer coordination and communication.

A supplier built for long-term purchasing programs

For procurement managers, distributors, and contractors, the most valuable supplier is rarely the one with the lowest unit price. It's the one that reduces total risk: fewer quality disputes, fewer shipment surprises, better consistency across product lines, and smoother compliance support.

SINGI's value proposition is straightforward:

- A focused low-voltage portfolio that covers protection, switching, enclosures, and PV DC safety needs
- Documented management systems and multi-market certification readiness
- Manufacturing and R&D capabilities that support a stable supply and product development
- A long-term operating history since 1995, backed by group-level resources and patents

As global buyers continue to raise expectations for safety, reliability, and certification coverage, SINGI is positioned to help partners deliver modern electrical systems that are easier to build, safer to operate, and ready for international markets—starting with the essentials of everyday protection and extending to advanced solutions such as smart monitoring and PV rapid shutdown.

About SINGI

SINGI was established in 1995 and is formed by Zhejiang Singi Electrical LLC, Shanghai Singi Electrical Co., Ltd., Shanghai Singi Wire and Cable Co., Ltd., and Zhejiang Jonan Metal Stamping Co., Ltd. The company focuses on electrical and intelligent household integration, as well as the R&D, production, and sales of metal accessories for low-voltage electrical appliances. SINGI operates under ISO 9001, ISO 14001, and ISO 45001 management system certifications, and maintains a patent portfolio of more than 50 Chinese patents.



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