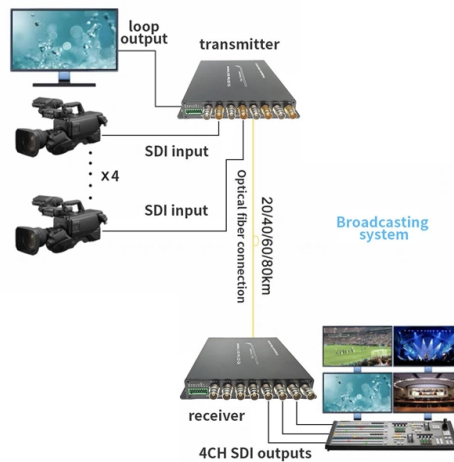


How is the Maltese LED intelligent power distribution cabinet



AI Overview

The Maltese LED intelligent power distribution cabinet provides automated, safe, and remote-controlled power management for high-power LED displays.

Key Features and Functionality

The Maltese LED intelligent power distribution cabinet is designed to manage large LED display systems, which often involve capacitive loads and high instantaneous currents during startup. To prevent damage to the power grid and connected equipment, the cabinet uses a step-by-step delayed power-on function, gradually energizing the system to reduce current surges and protect both the LED modules and the electrical infrastructure. It is equipped with a multi-function card that enables intelligent control, including overload protection, short-circuit protection, leakage protection, and timed switching. This allows operators to remotely manage power distribution, monitor system status, and configure power-on sequences according to operational needs. The cabinet supports remote communication, temperature monitoring, fire monitoring, and power monitoring through LED screen smart control software, enhancing safety and operational efficiency.

Technical Specifications

- Input Voltage: 3-phase 5-wire AC380V $\pm 10\%$
- Frequency: 50Hz $\pm 5\%$
- Protection Features: Over-current, over-voltage, short-circuit, overload, surge, an...

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Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

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