



LEGRAND and JAYABHERI - THE NIRVANA

JAYABHERI- THE NIRVANA: ELEVATING URBAN LIVING WITH LEGRAND'S ADVANCED ELECTRICAL SOLUTIONS

Jayabheri- The Nirvana is a premium gated community located in Hyderabad's Financial District. It offers 693 high-end 3BHK apartments that blend modern design with comfort and harmony in everyday living. The project was designed by Genesis Planners Pvt Ltd., with Synergy Infra Consultants Pvt Ltd. serving as MEP consultants.



Challenges

The client required a comprehensive electrical solution that not only met customization needs but also ensured the highest standards of safety and reliability. This included the need for reliable protection devices such as MCBs (Miniature Circuit Breakers) and RCDs (Residual Current Devices), which are critical for preventing electrical hazards and ensuring compliance with NEC (National Electrical Code) government regulations. The challenge was to provide a solution that integrated these protection devices seamlessly while maintaining optimal performance across the entire electrical infrastructure.



Legrand's Solution

Following detailed discussions with the client and consultants, Legrand designed and delivered customized electrical solutions aligned with the project's technical needs. Each product played a key role in building a safe, efficient and user-friendly electrical infrastructure:

User Interfaces (UI): Arteor switches combined sleek design with intuitive control, enhancing both aesthetics and user experience.

Protection Devices (PD): A complete range of devices including MCBs, RCDs, ACBs and MCCBs (DPX, DRX) ensured safety, prevented electrical hazards and met NEC standards. MCBs safeguarded against overcurrent, while RCDs provided protection against earth faults, both essential for regulatory compliance.

Power Distribution & Control: Distribution Boards, Contactors (CTX³), and Power Switchgear enabled efficient control and distribution.

Monitoring & Efficiency: Meters and Capacitors helped track energy use and boost power efficiency, contributing to the project's sustainability goals.



Implementation

From the early stages of the project, Legrand maintained close coordination with the client, consultants, and contractors to align technical specs with on-site needs. Legrand's technical team provided continuous support for seamless integration of electrical solutions, including user interfaces, protection devices and distribution boards. This ensured ensuring successful execution and easy system maintenance.



Safety and Compliance

All Legrand products met IS/IEC standards, ensuring safety, quality and reliable performance throughout the project.



Conclusion

Legrand delivered a fully customized electrical solution for Jayabheri – The Nirvana, designed to meet the highest standards of safety, performance and reliability. The integration of advanced systems significantly enhanced the project's efficiency and operational stability, resulting in a robust, future-ready infrastructure. This solution reinforces Jayabheri's commitment to world-class living, with Jayabheri – The Nirvana setting a benchmark for safe, modern urban living.

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