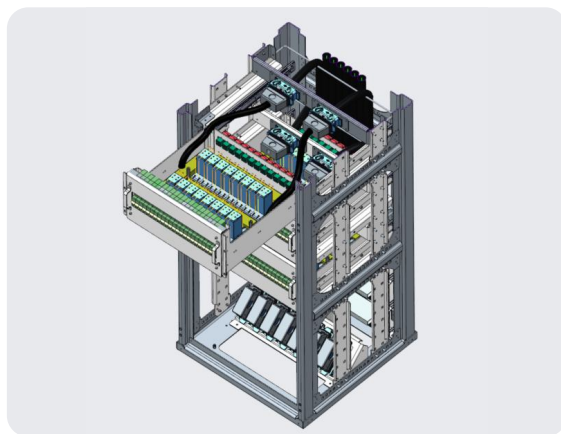




Modular Cabinet

A standardized, highly configurable modular cabinet designed for simplified maintenance and long-term enhancements.



Optimized Architecture

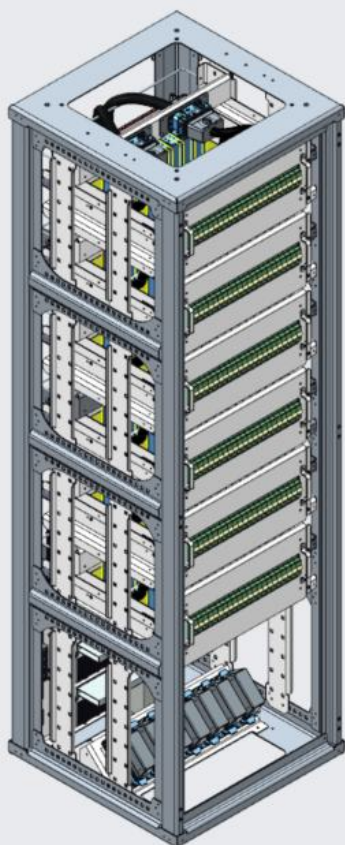
Low & Medium Voltage

Plug & Play

Modular Design

Main features

Standardized and modular electrical cubicles designed to streamline rolling stock engineering and assembly. Built on a proven pre-engineered architecture, the system accommodates low- and medium-voltage equipment, control electronics, and distribution panels, delivering a reliable and cost-effective solution across diverse railway applications



Weight

Frame

External frame	22,7 Kg
Single Module Frame	4,2 Kg
Distribution frame	4,4 Kg
Tot Frame	70 Kg

Complete

Cabled module	16,8 Kg
Cabled Distribution + Back cabling	19 Kg
Total weight	190 Kg

Dimensions

Overall	600 × 600 × 2000mm
Single module	480 × 460 × 225mm
Distribution panel	580 × 500 × 85mm



12-week delivery

A tailor-made cabinet designed to fit your needs, delivered in just a few weeks.



Easy Intervention

Quick and easy to handle, enabling fast intervention thanks to the simplicity of testing/removing of the modules structure

Adaptability

The standardized internal architecture features modular drawers and universal mounting provisions, accommodating a broad selection of standard electrical, switching, and control devices. This eliminates the need for dedicated custom backplates while preserving project-specific adaptability.

Integration

Delivered fully assembled, pre-wired, and rigorously tested, the cabinet functions as a true Plug & Play system. Its robust, lightweight aluminium frame and standardized connectorized interfaces drastically reduce onboard installation time, minimize wiring errors, and accelerate vehicle commissioning.

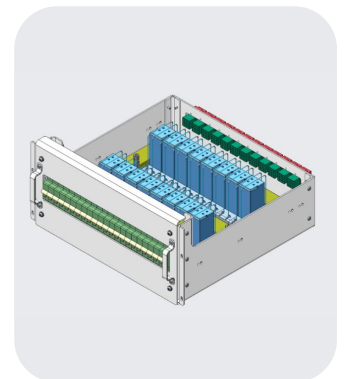
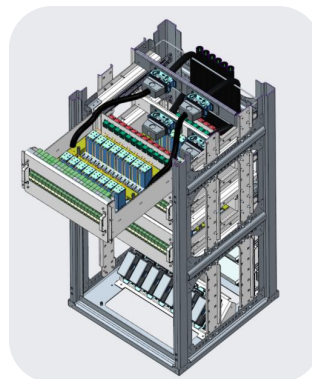
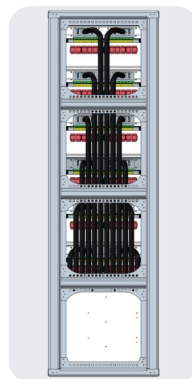
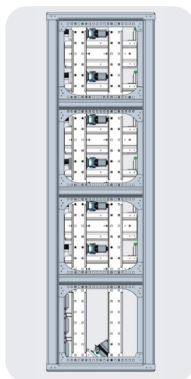
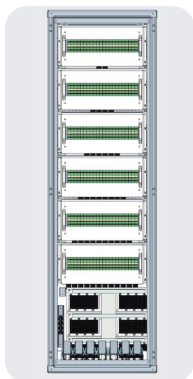
Configuration & Easy Maintenance

By combining a standardized frame with configurable drawer modules, the cabinet makes ongoing maintenance and retrofits effortless.

Components can be inspected, serviced, or upgraded independently without dismantling the entire enclosure, significantly reducing downtime and total lifecycle cost.

Safety & Compliance

Each cabinet undergoes comprehensive automated routine testing, including point-to-point continuity, dielectric withstand, and functional verification. The solution meets all demanding railway standards: EN 45545-2 (Fire & Smoke, REI 15/30), EN 12663 (structural), EN 61373 (Shock & Vibration), and EN 50121 (EMC).



Cabinet : Front, Side & Back Views

Different views of our modular cabinet. Its compact design and easy access make it easy to integrate into your available space.

Module Units

As shown, each module slides out like a drawer and can be adapted to your specific needs, ensuring optimal accessibility and efficient storage.

Let's build your next solution together

