

Life Is On

**Schneider**  
Electric



# The power to move

## Blokset switchboard for transportation infrastructure

Blokset™ low-voltage switchboards are smart, comprehensive solutions for power distribution and motor control. They answer the needs for advanced protection and reliability in subway and railway systems around the world.

Discover why customers trust Blokset switchboards to keep their operations running safely and efficiently, with a quick return on investment.

[schneider-electric.com/blokset](https://schneider-electric.com/blokset)

# Key reasons to trust Blokset



More than  
500,000 cubicles  
installed worldwide.

## 1. Protection and safety

- Compliance with IEC 61439-1&2 standards, type tested by ASEFA- and LOVAG-certified labs
- Internal arc fault protection, compliant with IEC TR 61641 edition 3
- Personnel safety with isolated live parts (up to IPxxD) and front position indicators

## 2. Supply continuity

- Zero down time tolerance and rapid restarting
- On-load operation protections and easily withdrawable drawers
- Selectivity and type 2 coordination

## 3. Dependability and availability

- Manufactured to rigorous quality standards
- Modular and standardized architecture
- System consistency with medium-voltage equipment

## 4. Optimized footprint

- More features with less volume and weight
- Space-saving, full- and half-width drawers directly connected to the vertical busbar (pitch 50 mm)
- Double front access thanks to back-to-back configuration

## 5. Reliability in harsh environments

- Specific anticorrosion surface treatments
- Protection degrees (up to IP54) for dusty and damp environments
- Earthquake and high vibration resistant 2G versions

## 6. Smart panels — built-in intelligence

- iPMCC (intelligent Power and Motor Control Center) by Blokset — a smart, advanced solution for increased productivity, fault prevention, and automatic restarting
- Best-in-class power distribution, motor control, and power factor correction with connected devices

## 7. Internal arc protection

- Internal arc withstand up to 100kA/0.4s as per IEC TR 61641 edition 3
- Protection on three positions of withdrawable drawers
- Short-circuit current protection up to 100 kA

## 8. Environmental responsibility

- Green Premium™ product — no hazardous materials, designed for optimized recycling, and reduced carbon footprint and energy consumption
- RoHS restriction, REACH declaration, Product Environmental Profile (PEP), End of Life Instructions (EoLI)

## 9. Schneider Electric services

- Global offer and supply chain
- Worldwide, localized support for troubleshooting, maintenance, and more
- Customized on-site or learning center-based training



Learn more about Blokset switchboard solutions, today!  
Visit [www.schneider-electric.com/blokset](http://www.schneider-electric.com/blokset)

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