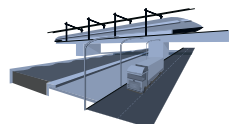


GE

Your favorite partner in Transportation



GE imagination at work



GE in Transportation

GE Consumer and Industrial in the Transportation Market has the capacity to work with the OEM, Infrastructure Administrator, the engineering company, the system integrator or the panel builder to put together an integrated package.

We propose global and innovative solutions for electrical distribution, control elements and automation systems.

We offer engineering expertise, quality products and services to build a solution to help improve your reliability and profitability.

We are listening to your needs to fully understand your market.

DC Breaker Gerapid



LV DC
Switchboards

MCB for
Railways

Control elements

The high speed DC circuit breaker Gerapid is suitable for protection of main and semiconductors in railway applications in fixed installations, such as feeder-breakers in traction substations.

- Housing and arc chute with insulating material, with compact dimensions.
- 2-stage contact system for long life main contacts.
- Solenoid drive with integrated control unit, short time operated.
- Electromagnetic trip drive operating independent on current direction, fixed or adjustable settings.
- Available with integrated current measurement unit type SEL (optional up to 4000A).

Low voltage
switchgear SEV/SEK



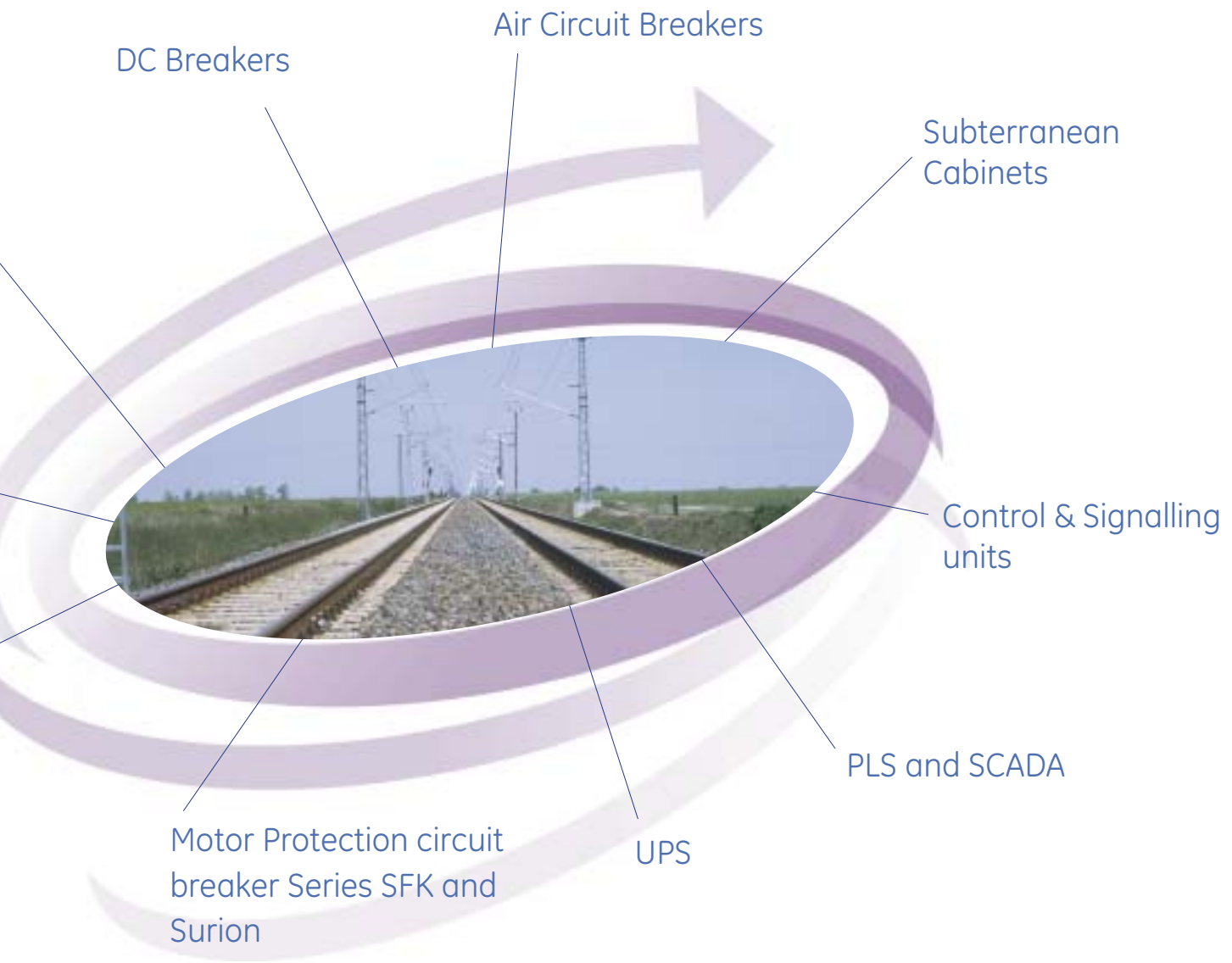
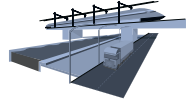
Air circuit breakers



Moulded case
circuit breakers



We cover all your needs, to address your most challenging projects in Transportation



WAK Cabinets



VMS Relaisbox



UPS



A recent success

Schiphol tunnel in the Netherlands

Due to advanced regulations and specifications, the Dutch railway owner ProRail was looking for a supplier that was able to answer their needs. Goal was to comply with the higher safety standards set by ProRail for the Power Feeders in the Schiphol tunnel nearby Amsterdam.

GE, with its great knowledge and long history in the Transportation Market, offers the right solution leveraging its newly developed DC Breaker type cathode. The total solution is capable of switching over 4 power lines with a capacity of switching 65kA at 1500 VDC.

Through an extensive partnership with ProRail, GE has also developed other specific solutions, such as:

- an Axle counter system co-developed by GE Transportation
- Power units in stainless steel pedestals for track-change-over applications, (WAK)
- movable short circuit testers for 1500 VDC lines
- UPS systems combined with Low Voltage equipment for railway stations.

“An innovation to better serve our partners”



References

- France:** Saint-Etienne Tramways
- Germany:** More than 2.000 DC Breakers installed
- Holland:** ProRail: Delivery of DC Breakers, pedestals, feeders for change overs, UPS Systems
- Spain:** Metro Madrid: Supply of DC Breakers and PLC
Metro Barcelona: Supply of DC Breakers and PLC
- Poland:** Warsaw Tramways: Delivery of LV switchboards for 5 substations
- UK:** London Underground: Supply of DC Breakers

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GE imagination at work