

ENGINEERING SERVICES

On-site support



GENERAL INFORMATION

As a producer of DC high-speed circuit breakers and a long-standing supplier of substations for DC traction power distribution, Sécheron SA has a strong experience in commissioning and support activities.

The commissioning agent will work with you to review and test all equipment and make sure that our product work seamlessly with the other substation components.

/// **On-site support** of experienced engineers guaranteeing the highest level of security for:

- Installation phase
- Commissioning activities
- Load testing and energization
- SCADA integration
- Short-circuit testing
- Training for installation, commissioning and maintenance

LARGE PANEL OF ACTIVITIES

/// **Installation support**

The specificity of the traction system needs particular rules during installation phase, our team is able to guide you to perform the installation in order to avoid potential problems.

/// **Commissioning**

The commissioning activities include visual inspection, mechanical and electrical tests, interlocking with other equipment, installation of software in the protection relay, set the protection parameters and verification of all measurements.

/// **Energization**

After all the tests are done we process to the energization of the equipment, transformer-rectifier-feeder and the track.

/// **SCADA integration**

Tests of all the signal in the supervision system can be performed in order to have an optimized SCADA integration.

/// **Short-circuit and performance test**

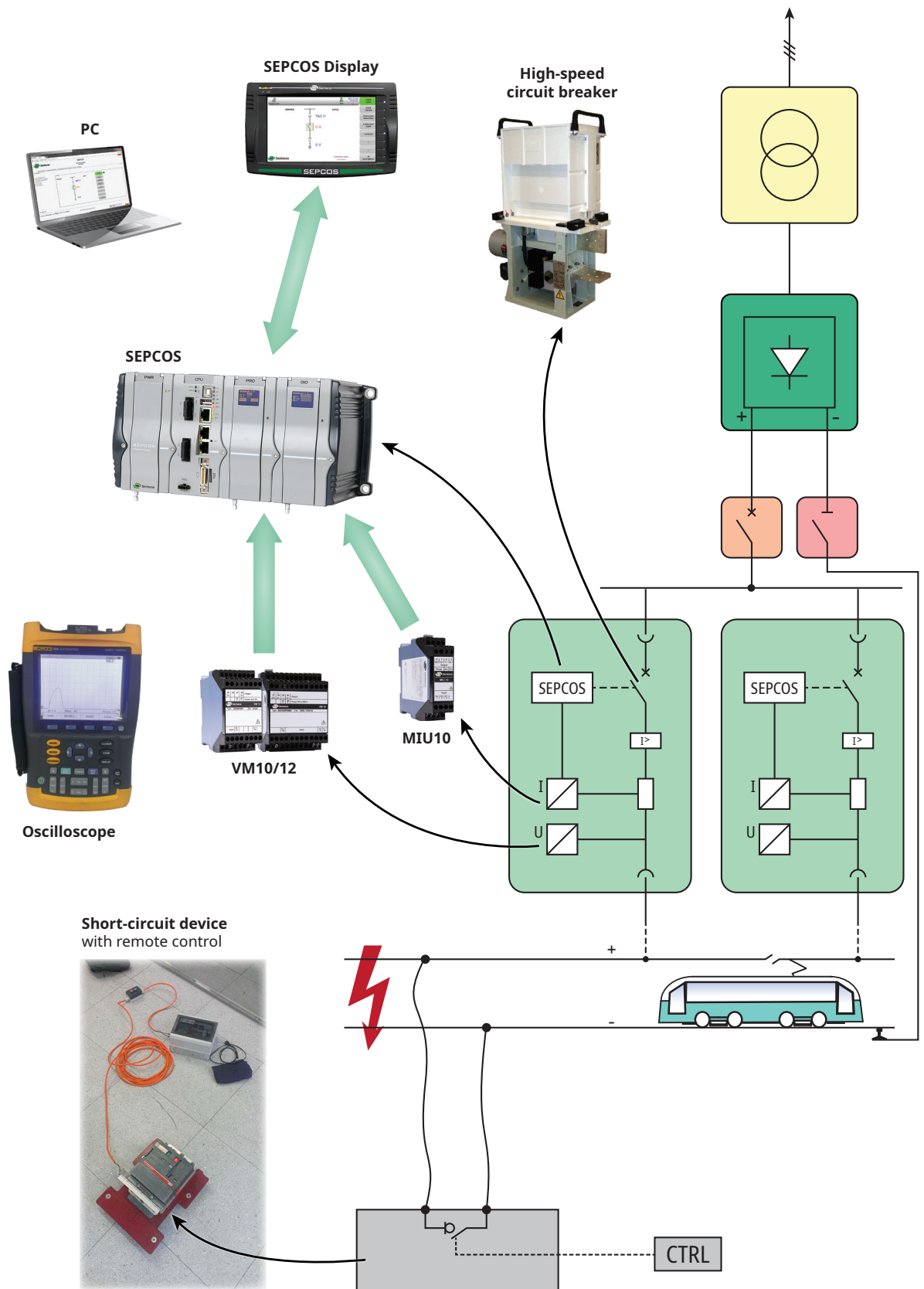
Our team perform short-circuit test and test with rolling stock on the track, then record data from the SEPCOS and validate the protection settings.

/// **Training**

Trainings can be performed on site directly on equipment, for operation, maintenance and troubleshooting.



Example of short-circuit test





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