

Relay Testing Built Around Field Conditions

Relay testing equipment has to do more than generate accurate outputs. It travels between sites, moves through substations, fits around restricted working areas and operates in demanding temperatures.

The FREJA546R carries forward familiar FREJA testing capability and RTMS workflows in a format updated around those field conditions.

Protect the System Between Jobs

Road vibration, repeated loading and regular site handling form part of the equipment's working life.

The rugged case gives the FREJA546R a field-ready format that supports transport between commissioning and maintenance jobs while keeping the main unit and touchscreen together.

Position the Interface Around the Test

The relay panel determines where the main unit sits, but that position rarely gives the engineer the best view of the controls.

The larger touchscreen detaches from the lid and connects through Ethernet, allowing the main unit to remain close to the relay while the interface moves to a clearer working position.

Choose the Right Control Method

Straightforward tests do not always require a separate laptop, while detailed procedures and automated workflows need the broader RTMS environment.

The FREJA546R supports direct operation from the touchscreen and computer-based control through RTMS, allowing the engineer to choose the approach that suits the test.



Manage Heat in Demanding Environments

High ambient temperatures reduce the thermal headroom available before testing begins. Sustained output then adds heat from the power electronics.

An updated power supply, revised cooling and greater separation between the display and main heat source improve heat management during operation.

Keep the Testing Approach You Know

The field-focused updates do not replace established FREJA testing methods. Existing software knowledge, procedures and RTMS workflows carry across to the FREJA546R.

FREJA546R

Proven relay testing, updated for the field.
Complex Challenge? Integrated Simplicity.

Speak with a FREJA Specialist