

EXAMPLE 9 : GFX BREAKER (tests performed in Québec, Canada)

The GFX breaker is manufactured by AREVA. It is a cold-weather version of the FX-type breaker. Hydro-Québec has developed its own mechanical base for this breaker.

The measurement displacement done here is part of dynamic contact resistance measurements of the breaker's main contacts, using the **KIT Z-DRM-2** along with the **CBA-32P circuit breaker analyzer**, in order to detect defects in the breaker's contacts without having to open each one of them.

Once again, the **ZLT linear transducer** is used with a mechanical base and a coupler specially made for this breaker by Hydro-Québec.

Since each phase has its own mechanism, each requiring its own kit, three kits are required in total.

