

Test the operational timing of circuit breakers (switches) at power plants and transformer substations.

The Memory HiCorder MR8880 can be used to test the operational timing of circuit breakers (switches) at power plants and transformer substations.

■ Highlights

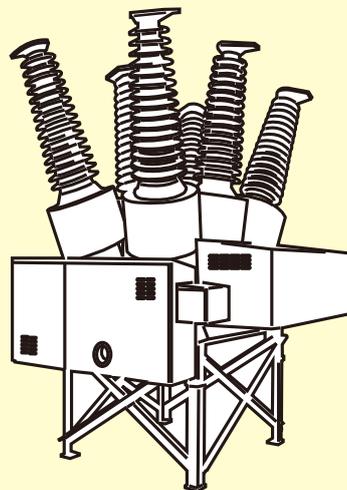
- Verify that the operational timing of the contact for each phase as well as time variability in the operation of each phase are within guidelines by carrying out testing based on the introduction of the command current.
- The MR8880 is compact and features battery and printer options, making it ideal for field use.

The MR8880 can be used to perform installation testing and periodic maintenance at power plants and transformer substations.

1

Verify that the following are within guidelines based on the introduction of the command current:

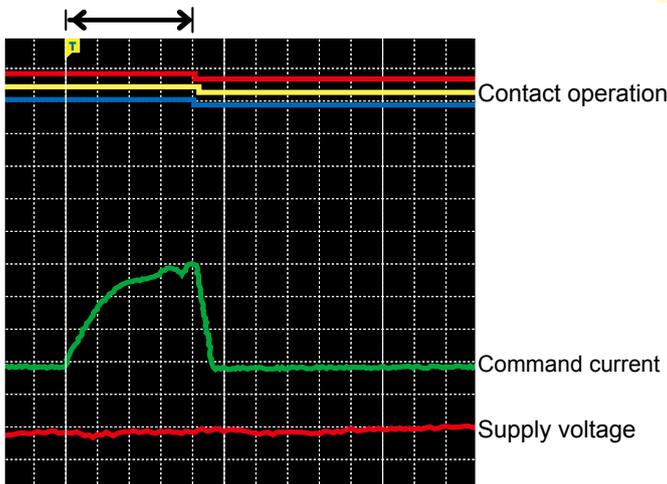
- Operational timing of the contact for each phase
- Time variability in the operation of each phase



Circuit breaker



MEMORY HiCORDER MR8880



Numerical calculation

Maximum	1-1	3.0975A
Minimum	1-1	-0.0875A
Maximum	2-1	124.10V
Minimum	2-1	-1.00V

2

Use the instrument's numerical calculation function to check the following:

- Command current
- Operating voltage

- Contact operation can be checked with the 9320-01 Logic Probe.
- The command current can be checked with the CT9691-90 Clamp On AC/DC Sensor.
- When testing circuit breakers on a standalone basis prior to their installation, technicians sometimes check their operation while varying the operating voltage, which can also be measured with the MR8880. The instrument provides four channels of 600 V AC/DC isolated analog input.

Products Used:

MEMORY HiCORDER MR8880
 BATTERY PACK Z1000
 PRINTER UNIT MR9000
 LOGIC PROBE 9320-01
 CLAMP ON AC/DC SENSOR CT9691-90
 CONNECTION CORD 9197

Information valid as December 2014.
 Specifications are subject to change and revision without notice.