

## Fact File

# Low Voltage Switchgear Service Installation and Commissioning

Correct installation and commissioning will ensure a high degree of operational reliability. To achieve a problem-free start up, it is required that ABB installation and commissioning procedures are followed.

We provide comprehensive installation and commissioning services. The use of service personnel from ABB Low Voltage Systems ensures that the switchgear is installed and put into operation in a safe and correct manner.

Some examples of our services are:

### Erection supervisory services including:

- Foundation alignment check
- Supervision of cubical erection
- Supervision of transport section connections (e.g. main bus bars and cubicles connection)

### Installation supervisory services including:

- Supervision of incoming / outgoing cable connections
- Switchgear earthing check
- Insulation level testing
- Internal wiring check
- Internal serial communications analysis check
- Auxiliary voltage supply check



### Commissioning:

- Setting of device parameters for Circuit Breakers, Motor Starters and Feeders
- Operation of devices Circuit Breakers, Motor Starters and Feeders
- Serial communications analysis to DCS and SCADA including cable path bonding and communications check

**System analysis and optimization** to further improve the performance of the installation:

- Application review
- Configuration review
- Motor Protection setting review
- Serial communication review
- Incomer Protection setting review

For more information, contact your local ABB representative or visit: [www.abb.com/mns](http://www.abb.com/mns)

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