

# Commissioning

## Service product description

ABB's professional Commissioning service provides better availability and optimized performance for new drives. Certified engineers adjust the drive parameters to meet the precise demands of the application. Safety issues related to the application are taken into account. All start-up information with parameters are delivered to the customer and saved in a database.

### Value to customer

- The commissioning will be performed following local safety regulations and agreed functional requirements
- Using a certified engineer ensures the optimized performance and operational reliability of drives
- Complete commissioning documentation will be recorded and serial number-based documentation, including safety-related approval, will be available later

### Service includes

Commissioning work on site

- Safety and installation check according to manufacturer's procedure
- Test or verification of proper motor cabling insulation
- Checking the compatibility with IT (ungrounded) and corner grounded TN systems
- Control signal checking at drive unit
- Parameter settings
- ID-run and test without process load
- Optional process tuning after customer definitions
- Collecting back-up files

### Basic user guidance during start-up

- Preventive maintenance instructions and recommendations, typical operational actions
- More extensive technical training is available for an additional charge

### Registration

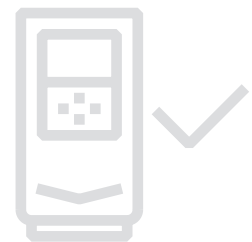
- Commissioned drives will be registered by serial number in ABB's database

### Standard commissioning report

- The commissioning report will be delivered in PDF format. Manuals and other product documents are available at [www.abb.com/drives](http://www.abb.com/drives)
- Back-up files are delivered to the customer and saved to ABB's database

### Service does not include

- Installation and cabling work
- Application engineering
- Waiting time and any extra work caused due to the actions of the customer (this will be charged for according to the price list)



For more information, please contact your local ABB representative or visit:

[www.abb.com/drives](http://www.abb.com/drives)  
[www.abb.com/searchchannels](http://www.abb.com/searchchannels)

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- The installation must always be designed and made according to applicable local laws and regulations. ABB does not assume any liability whatsoever for any installation which breaches local laws and/or other regulations
- If the installation is not at an acceptable level, the necessary actions must be taken before commissioning can take place

#### **Product coverage**

- Commissioning service is available for all ABB AC and DC drives in life cycle phases Active and Classic
- Multidrives, drive systems and advanced applications, e.g. motion control drives, are agreed separately

#### **Customer responsibilities**

- Ensuring the safety of the working area (zero energy state, grounding, safety interlocking)

- Ensuring free access to equipment for maintenance work during commissioning
- Providing qualified electricians if assistance is required during commissioning work
- Providing technical definition so that the motor(s) and all driven equipment are suitable for operation throughout the speed range provided by the drive
- Ensuring that the ambient operating conditions meet the drive specification

#### **Other terms**

- Valid electrical drawings are available during commissioning
- According to the agreement between ABB and the customer

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