

	Product Description			DOCPDACS80003
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## Start-up service for ACS800 multidrive

The Start-up service is a productized service for the Industrial drives; multidrives. ABB's commissioning- and service engineers execute the service.

### 1. Service provides

Fixed price service during normal working hours including the duration of the start-up limited to agreed hours at customer premises, the preparation work and the travel cost.

- Environment survey
  - Commissioning off-line
    - Product found faultless in the beginning of commissioning
    - Grounding
    - Fuses
    - Protection and interlocking
    - Motor connection and cabling
    - Insulation resistance
    - Control cabling and connection to PLC \*
    - Control cable interference protection
    - Pulse encoder connection \*
    - Options \*
  - Commissioning on-line
    - Cooling fan rotating direction
    - I/O -connections
    - Start-up parameters
    - ID -run
    - Test run
    - Control from PLC
    - Commissioning finished without any problems
  - Back up copy of parameters
  - User guidance
  - Start-up report
- \* if available

### 2. Service does not provide

- Installation & cabling work
- Additional work will be invoiced at standard hourly rate
- Waiting time caused by the customer or his actions
- Valid fire- and liability insurance

### 3. Preconditions before start-up expected to have taken care of by a customer

- The motor and cable specifications & insulation must fulfill the ABB requirements
- Electrical power for the frequency converter is available
- The motors and drives can be driven at nominal frequency with and without load
- Valid electrical drawings are available
- The converter environment must be according the protection class (IP code)

### 4. Liabilities of the parties

The supplier is responsible for the preparations and the performance of the start-up service and reporting during the agreed time. When necessary, the customer is responsible for carrying out the action proposed in the status report. The customer is responsible for the execution of the installation and the coupling of the drive before the up front agreed commissioning date. In addition, the customer is responsible for providing a protocol of the electrical installation of the drive executed by the authorized party.

### 5. Other terms and conditions

General conditions of Orgalime SE 01 are applied for all deliveries and installations.