ABB micro drives
ACS150, 0.5 to 5 hp/0.37 to 4 kW

ABB micro drives are designed to be incorporated into a wide variety of machines such as mixers, conveyors, fans or pumps or anywhere a motor needs to run at variable speed.

ACS150 variable frequency drives feature an integrated control panel with LCD display and built-in potentiometer. For easy setup and commissioning, the drives include a variety of pre-defined I/O configuration macros, including: ABB standard, 3-wire control, digital input control, PID control, Hand/Auto control, and a PLC interface. User defined macros can also be created. The ACS150 drive has an extensive list of programmable drive parameters to achieve high performance with maximum versatility in many applications.

FlashDrop, an optional drive configuration tool, can be used to quickly and easily configure spares or large volumes of unpowered drives using the connection port on the front panel. FlashDrop stores up to 20 different parameter sets and can copy parameters from one drive to another, or between a PC and a drive.

**Highlights**
- Worldwide availability through logistical distributors
- User-friendly LCD user panel and integrated potentiometer
- Flexible mounting alternatives
- PID control
- Integrated 2nd environment EMC filter with disconnect option
- Built-in brake chopper
- FlashDrop tool for fast drive commissioning
- Coated boards
- Common height and depth across the product line for flexible installation
- Wall or DIN-rail mountable
- Easy access to power and I/O connections for rapid installation

**Voltage and power range**
- 1-phase, 200 to 240 V ±10%
  - 0.5 to 3 hp (0.37 to 2.2 kW)
- 3-phase, 200 to 240 V ±10%
  - 0.5 to 3 hp (0.37 to 2.2 kW)
- 3-phase, 380 to 480 V ±10%
  - 0.5 to 5 hp (0.37 to 4 kW)

**Options**
- FlashDrop tool
- NEMA 1 enclosure kit

**Applications**
- Conveyors
- Mixers
- Material handling
- Fans and pumps
- Automated gate control
- Food and beverage
- Printing
- Woodworking machinery
Technical data and types

Control connections

Mains connection

Motor connection

Environmental limits

For more details see ACS150 catalog (ACS150-PHTC01U-EN).

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

www.abb.com/drives

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