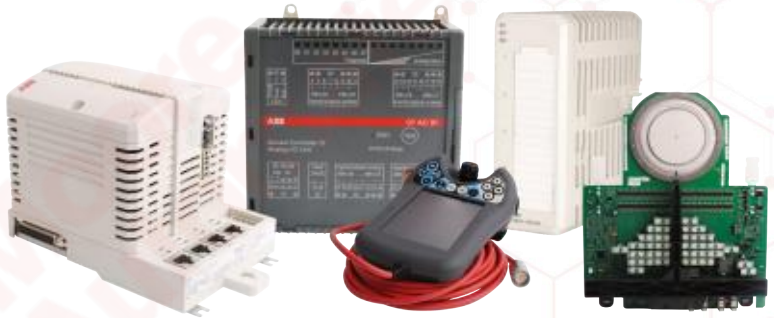
Moore Automated

www.mooreautomated.com

Specializing In:

- Control Systems (DCS, PLC, CNC)
- Panel Controllers
- HMI and Display Panels
- Drives
- Encoders and Resolvers
- Power Supplies

20 Years Automation Experience



Moore Automated: Your Trusted Automation Solution Expert

Moore Automated is a global automation parts reseller focused on hard-to-find and obsolete industrial automation products. Today we already have 20 years experience in automation area.In past time we insist to offer best service to worldwide client,In future we will also offer good quality and satisfied service again.

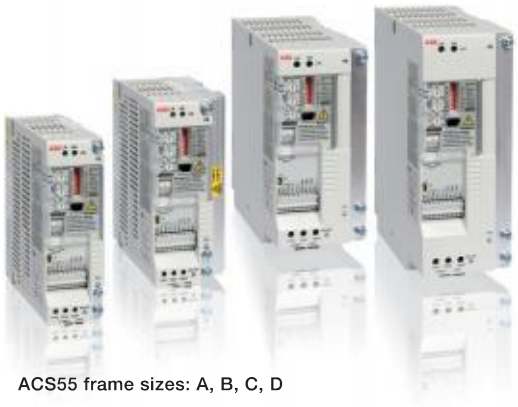
ABB drives
Product guide

Power and productivity
for a better world™

ABB micro drives
ACS55, 0.25 to 3 hp (0.18 to 2.2 kW)

What is it?
The ACS55 drive is a component that can be integrated easily into existing panels, replacing contactors and motor starters. Its compact size is ideal for new installations or whenever speed control of AC induction motors is needed. For users new to drives, it is programmed using simple DIP switches and rotary dials.

The ACS55 drive meets the requirements of industrial end users, installers, machine builders and panel builders.



ACS55 frame sizes: A, B, C, D

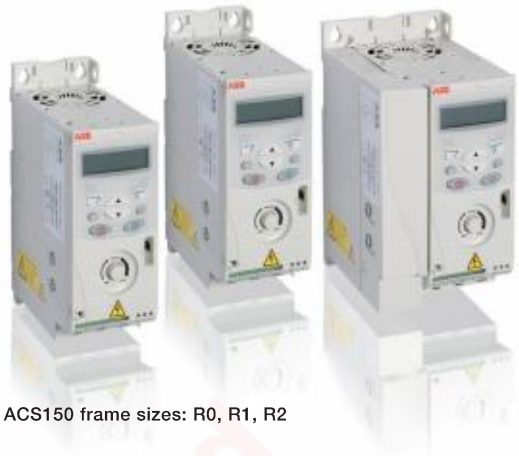
Feature	Benefit	Result
Single phase supply	Suitable for single phase residential and commercial applications	Avoids cabling and installation costs associated with three-phase supplies
Slim design	Fits easily into a variety of cabinet designs	Cabinet size can be smaller or greater packing density can be achieved
Flexible installation alternatives	Screw or DIN rail mounting, sideways or side-by-side	One drive type can be used in various designs, saving installation costs and time
High switching frequency	Reduced motor noise	Does not disturb occupants of buildings
Integrated EMC filter as standard	High electromagnetic compatibility	Low EMC emissions in all environments
Easy configuration	Quick setup with DIP switches and trimmers	Substantial time savings. Minimal expertise needed.
DriveConfig kit PC tool	DriveConfig kit PC tool is used to set drive parameters and to upload the parameter set to a drive in seconds, even without a power connection to the drive. The DIP switches and trimmers on the front panel of the drive are disabled after using the DriveConfig kit. This prevents the end users from altering the drive configuration.	Time savings with multiple drives. Drive configuration protected from end user alterations.

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

What is it?

The ACS150 drive is a component that can be incorporated into a wide variety of machines. It includes, as standard, all necessary functions and interfaces for typical applications with AC induction motors.

The ACS150 drive meets the requirements of new drive users, installers, machine builders and panel builders.



ACS150 frame sizes: R0, R1, R2

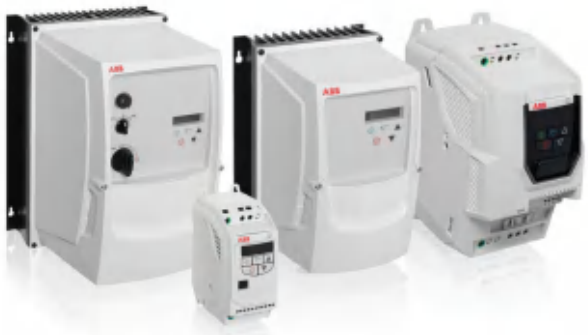
Feature	Benefit	Result
User-friendly LCD control panel	Clear alphanumeric display Easy setup and use	Time savings
Flexible mounting alternatives	Screw or DIN rail mounting, sideways or side-by-side	One drive type can be used in various designs, saving installation costs and time
Integrated EMC filter	High electromagnetic compatibility	Low EMC emissions in selected environments
Built-in brake chopper as standard	No need for an external brake chopper	Space savings, reduced installation cost
Embedded potentiometer	Easy to adjust output frequency	Time savings
PID control	Simple integration to process control	Cost savings as a result of less cabling
FlashDrop tool	FlashDrop is a hand held tool that is used to quickly and easily set drive parameters. FlashDrop tool uploads drive parameters directly to unpowered drives. The tool can copy parameters from one drive to another or between a PC and a drive.	Time savings, especially with multiple drives

ABB micro drives
ACS250, 0.5 to 20 hp

What is it?

The ACS250 micro drive offers easy to use and compact solutions for general purpose low power applications, such as: mixers, pumps, fans, conveyors, food and beverage. All variants include a built-in Modbus RTU serial communication to provide straightforward integration with control and monitoring systems. The drive's design and ease of setup benefit a broad range of industries.

Available in IP20 and IP66/NEMA4x enclosures.



ACS250, IP20 and IP66 enclosures

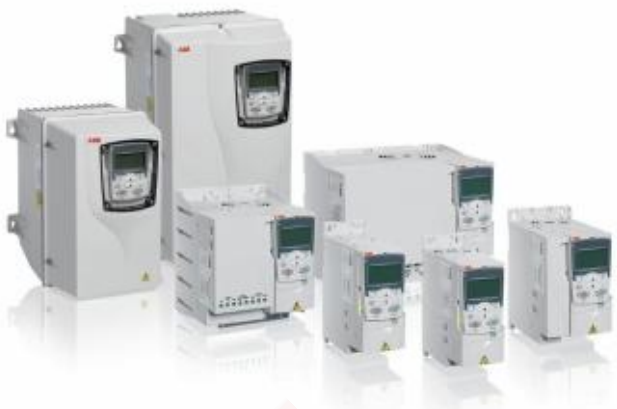
Feature	Benefit	Result
User-friendly LCD control panel	Clear alphanumeric display Easy setup and use	Time savings with programming and monitoring
Optional front mounted operator controls (IP66 variant)	Allows the drive to be mounted on the machine close to the operator	Cost savings with operator controls already mounted on the drive – no need for custom panels
Flexible mounting alternatives (IP20 variant)	Wall or DIN rail mounting without extra accessory kits	One drive type can be used in various designs, saving installation costs and time
PI control	Simple integration to process control	Cost savings with PLC functionality built into the drive
Slide-out help card (IP20 variant)	Ready reference, right on the drive	Time savings with setup and programming
Epoxy coated heatsink (IP66 variant)	Protects the heatsink from harsh washdown chemicals	Cost savings with extended life in the harshest environments
Integrated control panel	Quick setup, easy configuration and commissioning, rapid fault diagnosis	Substantial time savings locating faults and implementing repairs, thereby reducing maintenance costs
Enhanced V/Hz control for variable or constant torque applications	Optimized performance and energy savings for all applications	Limited inventory of one drive that can efficiently power both VT or CT applications
Flow through wiring (IP20 variant)	Facilitates panel layout, or contactor replacement, with power leads in at the top and motor cables out at the bottom	Time and cost savings for panel builders
Separate terminal cover (IP66 variant)	No need to expose sensitive electronics to the environment when connecting and commissioning the drive	Time savings with easy access to connection terminals
Built-in brake chopper as standard (sizes 2 & 3)	No need for an external brake chopper	Space savings, reduced installation cost
Safe torque off function (SIL3) as standard (600V only)	Built-in and certified function that is used for prevention of an unexpected startup and other stopping related functions	Reduces the need for external safety components. Helps machine builders to fulfill the requirements of Machinery Directive 2006/42/EC
Open loop vector speed control (600V only)	Precise speed control and automatic motor setup	Time and cost savings
High protection class variant (IP20 variant, up to 20 hp) (IP66 variant, up to 15 hp)	No need to design special enclosure for applications that require high ingress protection	Time and cost savings
CopyStick tool	CopyStick is used to quickly and easily set drive parameters. The tool uploads drive parameters directly to unpowered drives. The tool can copy parameters from one drive to another or between a PC and a drive.	Time savings, especially with multiple drives

ABB machinery drives
ACS355, 0.5 to 30 hp (0.37 to 22 kW)

What is it?

The ACS355 drive is user-friendly, with a wide range of built-in technology such as the safe torque off functionality and sequence programming, which reduce the need for additional control electronics. The product offers options and diverse functionality to cater to the needs set for speed and torque control of AC induction and permanent magnet motors.

The ACS355 drive meets the requirements of new drive users, installers, machine builders, system integrators and panel builders.



ACS355 frame sizes: R0, R1, R2, R3, R4 and IP66 variants

ABB machinery drives
ACS850, 0.5 to 700 hp (0.37 to 560 kW)

What is it?
ACS850 drives offers scalable motor control for use with a variety of motor types and programming flexibility to easily integrate the drive into your process.

Ideal for applications like cranes, extruders, conveyors, winders, pumps, fans, and mixers the ABB machinery drives family meets the production and performance needs of machine builders, system integrators, panel builders and end users.

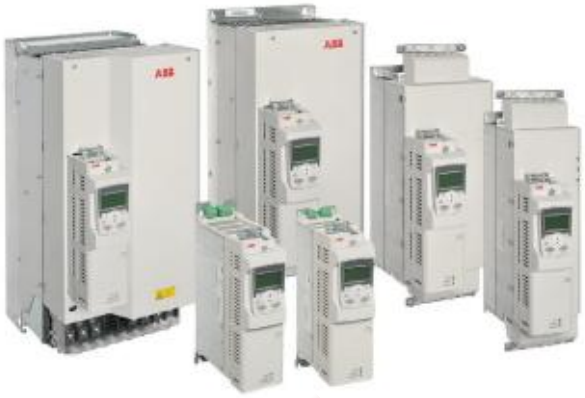
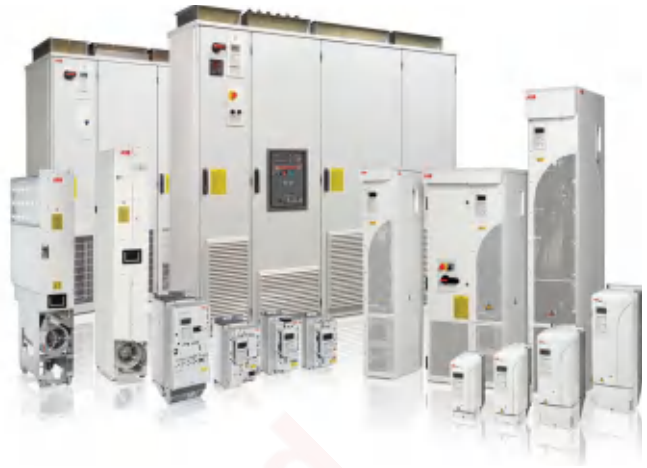


ABB industrial drives
ACS800

What is it?
Our industrial drives are available both as complete AC drives and/or as modules to meet your requirements as a user, OEM or system integrator. Single Drive Module configurations contains a rectifier, DC link and an inverter in one single AC drive unit. They can be installed without any additional cabinet or enclosure and are available in wall-mounted, freestanding and cabinet-built constructions. They are specifically designed for industrial applications in process industries such as the pulp & paper, metals, mining, cement, power, chemical, and oil & gas.

The ACS800 series is available as wall-mount, cabinet-built, regenerative, low harmonic, air-cooled and liquid-cooled constructions.



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Moore Automated: Your Strategic Partner for Industrial Spares and Solutions

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