



Power and productivity
for a better world™ **ABB**

We would like to introduce our self as **M/s AXIS CONTROLS Authorized channel partner of ABB** is providers of engineering, software development and system integration services for industrial and commercial clients covering a wide range of applications since 2005. Our capabilities include process control system design using the latest **PLCs, Variable Frequency Drives and HMIs** technologies.



ABB
Authorized channel partner

ABB is the world's largest drives manufacturer. ABB is a leader in power and automation Technologies that enable utility and industry customers to improve their performance while lowering environmental Impact.

SIEMENS
Totally Integrated Automation

Siemens is one of the world's leading industrial automation systems. It includes a range of industrial automation products designed to accommodate a large variety of tasks.



Rockwell Automation

is a leading industrial automation company committed to being the most valued global provider of power, control, and information solutions. From individual components to enterprise-wide control systems, and from operator training to professional services, Rockwell Automation can help you improve plant.

TOTAL AUTOMATION SOLUTIONS UNDER ONE ROOF

Product Sale & Supports

- VFDs:- ABB
- PLCs:- Siemens, Allen Bradley
- HMIs:- Siemens, Allen Bradley, Ex-or
- Scada:- Wincc, Factory Talk

Our Strength:

- Panel Designing
- Panel Fabrication
- Panel wiring
- Programming
- Commissioning
- Site support

ABB AC drive selection table

Applications where to use		ABB micro drives		ABB machinery drive	ABB general purpose drives	
		ACS55	ACS150	ACS355	ACS310	ACS550
Pumps		●	●	●	●	●
Fans		●	●	●	●	●
Conveyors		●	●	●	—	●
Material handling machines		●	●	●	—	●
Exercise equipment		●	●	—	—	—
White goods		●	●	—	—	—
Gates, doors, barriers		●	●	●	—	—
Compressors		—	—	●	●	●
Cutting machines, shears, saws		—	—	●	—	●
Extruders		—	—	●	—	●
Machine tools, mixers, stirrers		—	—	●	—	●
Spinning machines		—	●	●	—	●
Centrifuges		—	—	●	—	●
Processing lines		—	—	—	—	●
Specification		ACS55	ACS150	ACS355	ACS310	ACS550
Voltage and power ranges		1-phase, 100 to 120 V: 0.18 to 0.37 kW	1-phase, 200 to 240 V: 0.37 to 2.2 kW	1-phase, 200 to 240 V: 0.37 to 2.2 kW	1-phase 200 to 240 V: 0.37 to 2.2 kW	3-phase, 208 to 240 V: 0.75 to 75 kW
		1-phase, 200 to 240 V: 0.18 to 2.2 kW	3-phase, 200 to 240 V: 0.37 to 2.2 kW	3-phase, 200 to 240 V: 0.37 to 11 kW	3-phase, 200 to 240 V: 0.37 to 11 kW	3-phase, 380 to 480 V: 0.75 to 355 kW
			3-phase, 380 to 480 V: 0.37 to 4 kW	3-phase, 380 to 480 V: 0.37 to 22 kW	3-phase, 380 to 480 V: 0.37 to 22 kW	
Protection classes	IP20	●	●	●	●	●
	IP21	—	—	○	○	—
	IP54	—	—	—	—	● ¹⁾
	IP66/IP67	—	—	● ¹⁾	—	—
Mounting arrangements	Optimal for cabinet mounting	●	●	—	●	—
	Optimal for wall mounting	—	—	● (IP66/67 variant)	○	—
Programming	Parameter programming	●	●	●	●	●
	Sequence programming	—	—	●	—	—
Human-machine interface	Basic control panel	—	●	○	○	○
	Assistant control panel	—	—	○/● (with IP66/67 variant)	○	●
Ambient temperature		0 to +40 °C with nominal current and 5 kHz switching frequency, up to +50 °C with derating, -20 °C with restrictions.	-10 to +40 °C, no frost allowed, +50 °C with 10% derating.	-10 to +40 °C, no frost allowed, +50 °C with 10% derating.	-10 to +50 °C (14 to 122 °F), no frost allowed.	-15 to +50 °C. No frost allowed. From +40 to +50 °C with derating.
Inputs and outputs	Digital inputs/outputs	3/0	5/0	5/1	5/1	6/0
	Relay outputs	1	1	1	1	3 + (3 as option)
	Analog inputs/outputs	1/0	2/1	2/1	2/1	2/2
	Speed feedback	—	—	○	—	○
Supported fieldbus protocols	Modbus RTU	—	—	○	●	●
	Profibus DP	—	—	○	—	○
	DeviceNet™	—	—	○	—	○
	LonWorks®	—	—	○	—	○
	ControlNet	—	—	—	—	○
	CANopen®	—	—	○	—	○
	Ethernet (Modbus/TCP)	—	—	○	—	○
	Ethernet (EtherNet/IP™)	—	—	○	—	○
	Ethernet (EtherCAT®)	—	—	○	—	○
Ethernet (PROFINET IO)	—	—	○	—	○	
EMC compliance (EN 61800-3)	C3, industrial use	●	●	●	●	●
	C2, commercial use (installation by EMC experts)	●	○	○	○	●
	C1, commercial use	○ (conductive emissions)	○ (conductive emissions)	○ (conductive emissions)	○ (conductive emissions)	○ (conductive emissions)
Chokes	Input chokes	○	○	○	○	● (built-in)
	Output chokes	○	○	○	○	○
Brake chopper	—	●	●	—	●	
Suggested maximum motor cable length		30 to 50 m	30 to 60 m	30 to 60 m	30 to 60 m	100 to 200 m
Switching frequency		up to 16 kHz	up to 16 kHz	up to 16 kHz	up to 16 kHz	up to 12 kHz
Output frequency		0 to 120/130 Hz	0 to 500 Hz	0 to 600 Hz	0 to 500 Hz	0 to 500 Hz
Overload capacity		150% for 60 s	150% for 60 s, 180% for 2 s	150% for 60 s, 180% for 2 s	110% for 60 s, 180% for 2 s	150% for 60 s, 180% for 2 s
Number of preset speeds		1	3	7	7	7
PC tools	Drive commissioning tool	○	—	○	○	○
	Drive offline programming tool	—	○	○	○	○
	Drive dimensioning tool	—	—	—	—	○
Approvals	CE, UL, cUL, C-Tick, GOST R	●	●	●	●	●
RoHS compliance		●	●	●	●	●

● = Standard
○ = Option

— = Not Available

¹⁾ = IP66/67 and Ip54 Product Variants



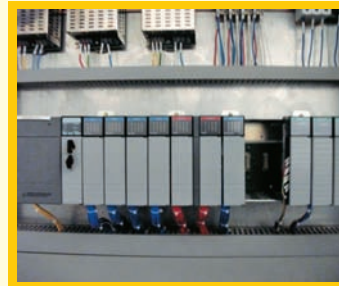
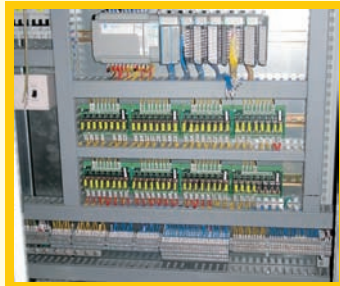
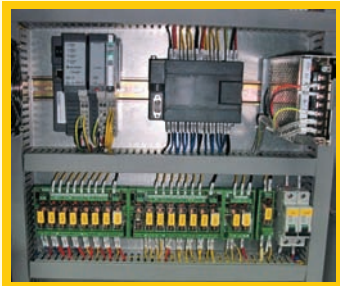
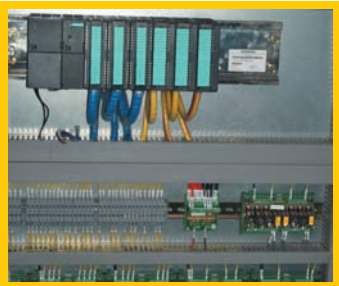
ACS-850

- 1 to 560kW, 400/500V 0.37 to 22kW, 230V
- Overload capacity of 110% for 5 minute.
- Inbuilt Input chokes from 9 kw to 400kw.
- Compact design, Side-by side mounting
- -10 to +55 °c Ambient Temperature.
- 6 Digital Inputs, 3 Digital Outputs, 2 Analog Inputs, 2 Analog Output.
- Profibus, Profinet, Modbus, Device Net field bus protocols.
- CE, UL, cUL, C-Tick, GOST R approved.
- IP20 protection class

When you are looking for an engineering partner, you are looking for an association you can depend upon. This is where M/s AXIS CONTROLS is your trusted and dependable partner for value engineering with depth of experience across the wide range of industries, world class infrastructure, financial resources, market knowledge with in-house skills, and the ability to conceptualize and implement engineering solutions to shape our approach to match your needs.

Products :

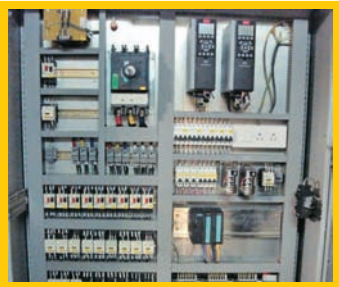
PLC/HMI Scada based Control Panels



VFDs Control Panels



PLCs/VFDs Control Panels



MCC/PCC Control Panels





PLC's & VFD's Training Academy

If you're searching for clear, no-hype training on industrial automation products, you've come to the right place. I am a manufacturer & a distributor, an industry point of view I am sharing my knowledge and expertise through education and training of others who manage industrial automation products.



Our Precious Customers

- M/s Polycab wires pvt. Ltd.
- M/s Siemens Ltd.
- M/s L & T Ltd.
- M/s Nelco Ltd.
- M/s Uttam Value Steels Ltd.
- M/s Bharat gear Ltd.
- M/s Exide Batteries Ltd.
- M/s Hindustan Coco Cola Beverages Ltd.
- M/s HR Johnson (India) Ltd.
- M/s Hindalco Ltd.
- M/s Balmer Lawrie & Co Ltd.
- M/s Glaxosmithkline Pharma Ltd.
- M/s Cadbury india Ltd.
- M/s Indore Composite pvt. Ltd.
- M/s Kilburn Engineering Ltd.
- M/s Kellogge India Pvt. Ltd.
- M/s Zuary Agro chemical Ltd.
- M/s ACG Pharma Pvt. Ltd.
- M/s Sarthak metals marketing pvt. Ltd.
- M/s Teracom Ltd.
- M/s IMA PG India Pvt. Ltd.
- M/s Beeta Conveyor Pvt. Ltd.
- M/s Selvel Conveyor Pvt. Ltd.
- M/s Reflex Technologies Pvt. Ltd.
- M/s Jetpack machine Pvt. Ltd.
- M/s Dynatron Pvt. Ltd.
- M/s Suntec Technopack.
- M/s SK Pharma Machinery Pvt. Ltd.
- M/s Aguapuro Equipment Pvt. Ltd.
- M/s Winner screen machine Pvt. Ltd.

& many more...

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