

AUTOMATION
SOLUTIONS CATALOGUE



ECIS

Products and services
catered for your applications and goals in the
middle-east and beyond.

Drives | Industrial Controllers | Sensors | Pumps | Power Supplies & more

Electronic Control Industrial Services

A2Z Automation Solutions

ECIS was established in 2007 with the vision to provide cost effective solutions to Industries and emphasis on energy solutions. We provide the right mix of services to help increase productivity, optimize plant assets and improve financial performance across your enterprise.

As an ISO 9001:2000 Certified Repair & Service Centre, with field service professionals, we are one of the fastest growing names in the field of Industrial Automation from providing all kinds of Automation Products to a wide range of applications. Our Head Office is located in Industrial Area 15 - Sharjah (U.A.E.) which houses our Repair Centre, Training Centre Facility, Testing Facility & Sales Division.

Our commitment comes from top management to technically competent coordinators to cater the demanding need for solutions. With our technical director actively participating in Research & Development, and our Engineers and Technicians to cater the onsite and repair center requirements effectively, maintaining a closed loop on all our operations.

We are the authorized sales and service partners for **Danfoss**, **Fuji Electric**, **Parker**, **Rockwell Automation**, **Mitsubishi Electric**, **Sinexcel**, **Fagor Automation**, **eelectron** and **Semikron** for VFD's, Soft starters, Motors, Servo drives and motor, HMI, PLC, Smart relay, Power supplies UPS system machines.



SALES



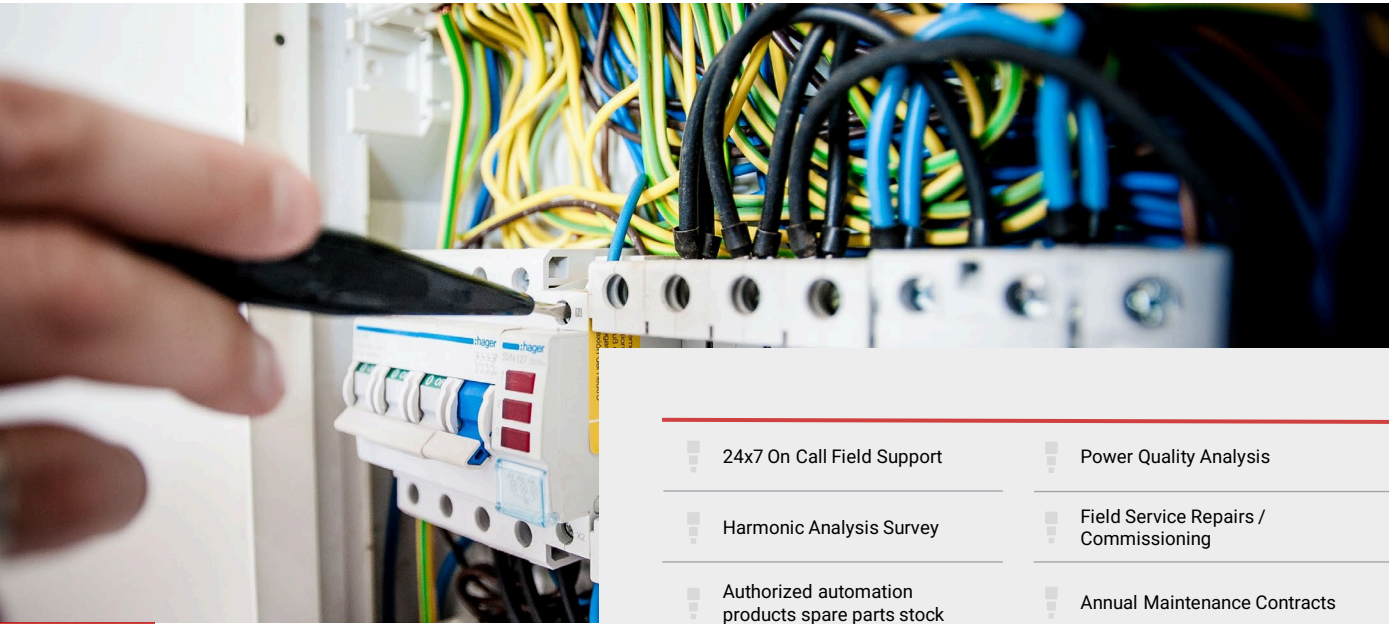
SERVICE



REPAIRS

PRODUCTS & SERVICES

EFFICIENCY, ROUND THE CLOCK, ON DEMAND.



Our list of products and services offered

As an complete Industrial services gateway, ECIS provides products from a catalogue of the top manufacturers from all over the world right to your door step.

We also help integrate quality services based on our comprehensive industry experience and this strong bond with the best in the market into your workplace requirements, ensuring you get the best support customized for you. We proudly help develop the Middle-east of the Future.

24x7 On Call Field Support	Power Quality Analysis
Harmonic Analysis Survey	Field Service Repairs / Commissioning
Authorized automation products spare parts stock	Annual Maintenance Contracts
Training Facility	Authorized Service Centre for major manufacturers
Field testing & Commissioning services	Authorized Service Centre for major manufacturers
Project Consultation and Planning	Quality Planning and Certification
Extended Warranty plans	Minimum Production Down Time
Service & Calibration of Process Control Instruments & Measuring devices	

Soft Starters	Motors
Sensors	Transmitters
Booster Panels	Smart Relays
Power Supplies	UPS Systems
Training Kits	Pumps
HMIs	PLCs
Studio Lighting	Batteries
CNCs	Servos

DANFOSS

MOTION CONTROL AND MORE.

AUTHORIZED PARTNER

SALES AND SERVICE

- + **VLT DRIVES**
ENERGY EFFICIENCY DRIVES
- + **VACON DRIVES**
LONG LIFETIME, TOP PERFORMANCE
- + **PASSIVE /ACTIVE HARMONIC FILTERS**
OPTIMIZE HARMONIC PERFORMANCE
- + **SOFT STARTERS**
ENERGY EFFICIENCY DRIVES
- + **SPARE PARTS**
ACCESSORY PARTS FOR ALL DANFOSS PRODUCTS



HVAC Drive
FC 102



AutomationDrive
FC 302



AQUA Drive
FC 202



Micro Drive
FC 51



Midi Drive
FC 280

Power range

3 x 200-240 V (1.1-45 kW)
3 x 380-480 V (1.1-1000 kW)
3 x 525-600 V (1.1-90 kW)
3 x 525-690 V (1.1-1400 kW)

Low harmonic drive

3 x 380-480 V (132-710 kW)

12-pulse drive

3 x 380-500 V (250-1000 kW)
3 x 525-690 V (250-1400 kW)

Power range

3 x 200-240 V (0.25-37 kW)
3 x 380-500 V (0.37-1100 kW)
3 x 525-600 V (0.75-75 kW)
3 x 525-690 V (1.1-1400 kW)

Low harmonic drive

3 x 380-480 V (132-710 kW)

12-pulse drive

3 x 380-500 V (250-1000 kW)
3 x 525-690 V (250-1400 kW)

Power range

1 x 200-240 V (1.1-22 kW)
1 x 380-480 V (7.5-37 kW)
3 x 200-240 V (0.25-45 kW)
3 x 380-480 V (0.37-1000 kW)
3 x 525-600 V (0.75-90 kW)
3 x 525-690 V (1.1-1400 kW)

Low harmonic drive

3 x 380-480 V (132-710 kW)

12-pulse drive

3 x 380-500 V (250-1000 kW)
3 x 525-690 V (250-1400 kW)

Power range

1 x 200-240 V (0.18-2.2 kW)
3 x 200-240 V (0.25-3.7 kW)
3 x 380-480 V (0.37-22 kW)

Power range

1 x 200-240 V (0.37-2.2 kW)
3 x 200-240 V (0.37-3.7 kW)
3 x 380-480 V (0.37-22 kW)

VLT by danfoss

drives position you at the forefront of the energy-efficiency race.



Refrigeration Drive
FC 103



Lift Drive
LD 302



Advanced Active
Filter (AAF)



Advanced Harmonic
Filter AHF005, AHF010



Sine-wave
Filters

Power range

3 x 200-240 V (1-45 kW)
3 x 380-480 V (1.1-710 kW)
3 x 525-600 V (1.1-7.5 kW)
3 x 525-690 V (7.5-630 kW)

Power range

380-400 V (4-55 kW)

Power range

380-480 V
(190/250/310/400 A)

Power range

3 x 380/400/500/600/690 V
(10-460 A)

Power range

3 x 200-690 V (2.5-880 A)



dU/dt Filters



Soft Starter
MCD 500



Soft Start Controller
MCD 100



Compact Starter
MCD 201 and 202

Power range

3 x 200-690 V (15-800 A)

Technical data

Input - 3 x 200-690 V
Control voltage - 24 V DC / 110-240 V AC
Power - 7.5-850 / 2400 (1600A) kW

Technical data

Input - 3 x 208-600 V
Control voltage - 24-480 V AC
or DC
Power - 0.1 kW-11 kW (25 A)

Technical data

Input - 3 x 200-575 V
Control voltage - 24 V AC or
DC/110-440 V AC
Power - 7.5 kW-110 kW (200 A)



VACON 20



VACON® 20
Cold Plate



VACON® 100 INDUSTRIAL



VACON® 100
FLOW



VACON® NXP
Air Cooled

Power range

1 x 115 V (0.25-1.1 kW)
1 x 208-240 V (0.25-2.2 kW)
3 x 208-240 V (0.25-11 kW)
3 x 380-480 V (0.37-18.5 kW)



VACON® NXP
Liquid Cooled Drive

Power range

1 x 208-240 V (0.75-1.5 kW)
3 x 208-240 V (0.75-4.0 kW)
3 x 380-480 V (0.75-7.5 kW)



VACON® NXP Common
DC Bus

Power range

3 x 208-240 V (0.55-90 kW)
3 x 380-500 V (1.1-630 kW)
3 x 525-690 V (5.5-800 kW)



VACON® NXP
Liquid Cooled
Common DC Bus

Power range

3 x 208-24 V (0.55-90 kW)
3 x 380-500 V (1.1-630 kW)
3 x 525-690 V (5.5-800 kW)



VACON® NXP
Grid Converter

Power range

3 x 208-240 V (0.55-90 kW)
3 x 380-500 V (1.5-1200 kW)
3 x 525-690 V (2.0-2000 kW)



VACON® NXC
Air Cooled
Enclosed Drives

Power range

3 x 380-500 V (132-4100 kW)
3 x 525-690 V (110-5300 kW)

Power range

3 x 380-500 V (1.5-1850 kW)
3 x 525-690 V (3-2000 kW)

Power range

3 x 380-500 V (7.5-4100 kW)
3 x 525-690 V (110-5300 kW)

Power range

Air-cooled
3 x 380-500 V (180-1100 kW)
3 x 525-690 V (200-1200 kW)
Liquid-cooled
3 x 380-500 V (160-1800 kW)
3 x 525-690 V (210-1800 kW)

Power range

3 x 380-500 V (132-1200 kW)
3 x 525-690 V (110-2000 kW)
Power range - AFE supply
500 V (132-1500 kW)
690 V (110-2000 kW)
Power range - Low harmonic, Active Filter supplies
500 V (132-560 kW)
690 V (110-800 kW)



VACON® NXP
System Drive

Power range

3 x 380-500 V (630-5000 A)
3 x 525-690 V (630-5000 A)

VACON® NXP
Liquid Cooled
Enclosed Drive

Power range

3 x 525-690 V (800-1550 kW)



MORE FROM
DANFOSS

- ✦ Appliance controls
- ✦ Burner components
- ✦ Compressors
- ✦ Condensing units
- ✦ Differential pressure and flow controllers
- ✦ Electronic controls
- ✦ Energy metering
- ✦ Energy recovery devices
- ✦ Filter driers and strainers
- ✦ Fire safety
- ✦ Heat exchangers
- ✦ Motors
- ✦ Power modules
- ✦ Power stacks
- ✦ Pumps
- ✦ Sensors
- ✦ Transmitters
- ✦ Switches
- ✦ Valves



Industrial Temperature
Sensors



Motorized control valves
and actuators



Industrial Pressure
Switches



IGBT power
modules



Differential pressure, flow and
temperature controllers



High pressure
pumps



Electronic valve
controls



HVAC, light and
energy control



Programmable
controllers



Electric
Motors



Hydrostatic
motors



VLT Integrated
Servo Drive

Add part numbers

PARKER

MOTORS, DRIVES AND CONTROLLERS

AUTHORIZED PARTNER

SALES AND SERVICE

- + **DRIVES**
AC DRIVES ,DC DRIVES, SERVO DRIVES, STEPPER DRIVES
- + **MOTORS**
INDUCTION MOTORS, BRUSHLESS SERVO MOTORS, LINEAR SERVOS & MORE
- + **CONTROLLERS**
MOTION CONTROLLERS, AUTOMATION CONTROLLERS & MORE
- + **HMI STATIONS**
OPERATOR PANELS, TOUCHSCREENS & MORE



AC10 Series

Power range
IP20: 0.2 - 180 kW
IP66: 0.4 - 90 kW



AC10P Series

Power range
IP20: 0.2 - 180 kW



AC30 Series

Power range
1.1 - 132 kW



AC650 Series

Power range
0.25 kW - 7.5 kW (650G/S)
0.25 kW - 110 kW (650V)



AC890 Series

Power range
0.55 - 1200 kW



AC690+ Series

Power range
0.75 - 1000 kW



DC590PR Series

Power range
1 - 75 HP



DC512C Series

Power range
0.3 - 7.5 HP



DC514C Series

Power range
0.3 - 7.5 HP



DC590+ Series

Power range
1 - 1200 HP



DC506/507/508

Power range
0.25 - 2 HP



598G/599G

Power range
0.75 - 1000 kW



Servo Drives & Controllers :

- ARIES
- HIDRIVE
- IPA
- Servonet DC
- Compax3
- TPD-M
- TWIN-N



Stepper Drives & Controllers :

- E - AC
- E - DC
- Gemini
- OEM750
- OFS350
- P2
- Vix



Drive Accessories :

- Passive Power Supply Modules
- Filters, Chokes
- Breaking Resistors
- PSUP Power Supply Modules
- And more.



Pumps :

- Piston Pumps
- Gear Pumps
- Hydraulic Pumps
- Vane Pumps
- Pump Accessories
- And more.



Controllers:

- PAC
- Master Controllers
- PACIO Expansions
- And More.



HMI & Operator Panels

- TS8000
- WIN-SHIELD
- Interact Xpress
- XPR2
- PAC Terminal

Control Valves

EMI Shielding

Cylinders & Actuators

Power Management

Drive Systems

Sensors & Flow Control

MITSUBISHI ELECTRIC

AUTHORIZED PARTNER

SALES AND SERVICE

- + **DRIVES**
AC SERVOS, INVERTERS, GEARED MOTORS
- + **POWER MONITORING**
POWER MANAGEMENT METERS, ENERGY SAVING DEVICES
- + **CONTROLLERS**
MELSEC, CNCs, MOTION CONTROLLERS & MORE
- + **VISUALIZATION**
HMIs, SCADA



MELSERVO-J5/J4

Product ranges:

- Servo Amplifier
- Rotary/Linear Servo Motor
- Direct Drive Motor
- 0.1 kW to 3.5 kW and more.



MELSERVO-JET/JE/JN

Product ranges:

- Servo Amplifier
- Rotary Servo Motor
- 0.1 kW to 3 kW
- And more.



FREQROL (Inverters)

Product ranges:

- A800, F800, E700, D700
- 200V class: 0.4kW - 90kW
- 400V class: 0.4kW - 500kW
- And more.



GEARED MOTORS

Product ranges:

- Parallel Shaft type
- Right angle Shaft type
- 25W - 55kW
- And more.



MELSEC Controllers

Product ranges:

- iQ-R/F, Q/L/F /A Series
- CPU Modules
- Digital & Analog I/O Modules
- Safety Controller and Relays



Application Controllers

Product ranges:

- ALPHA2
- I/O Modules
- Analog Control
- AS-Interface



Motion Controllers

Product ranges:

- MELSEC iQ-R/F Series
- MELSEC Q/L Series
- Single Axis Controller
- And More.



CNCs

Product ranges:

- CNC - M800/M80, E80, C80
- CNC Drives
- Servo Motors
- And More.



Power Monitoring Products:

- Electrical Indicators ME96/ME110
- Energy Measuring units
- EcoWebServer III
- And more.



Visualization:

- HMIs - GOT Series
- GOT2000
- GOT1000
- GOT SIMPLE
- And more.



Low-voltage Power Distribution:

- Air Circuit Breakers
- Motor Starters
- Contactors
- Relays
- Earth Leakage Circuit Breakers
- And more.



FA Sensors:

- Vision Sensor VS80 VS70 VS20
- Code Reader CF26



Protection Relays:

- Feeder Protection
- Motor Protection
- Overcurrent Relay
- Voltage Relay
- Generator Protection Relay
- And more.

DRIVES

CONTROLLERS

ROCKWELL AUTOMATION

AUTHORIZED SYSTEM INTEGRATOR

- + DRIVES
AC SERVOS, DC DRIVES, SERVO DRIVES
- + MOTION CONTROL
SERVO MOTORS, SERVO DRIVES & ACTUATORS
- + CONTROLLERS
CONTROLLOGIX, COMPACTLOGIX, MICRO CONTROLLERS
- + VISUALIZATION
HMIs, GRAPHIC TERMINALS, INDUSTRIAL MONITORS



PowerFlex 523

Power ranges:
0.2 - 22 kW (100 - 600V)



PowerFlex 525

Power ranges:
0.4 - 22 kW (100 - 600V)



PowerFlex 400

Power ranges:
2.2 - 37 kW (200 - 240V)
2.2 - 250 kW (380 - 480V)



PowerFlex 753

Power ranges:
0.37 - 132 kW (200 - 240V)
0.75 - 250 kW (380 - 480V)



PowerFlex 755

Power ranges:
0.37 - 132 kW (200 - 240V)
0.75 - 1400 kW (380 - 480V)



Kinetix 5700

Power ranges:
1.6 - 112 kW



Kinetix 350

Power ranges:
400 W - 3 kW



Kinetix 5100

Power ranges:
50 W - 2 kW (120 - 230V)
3 - 15 kW (230V)



Kinetix 6000

Power ranges:
0.3 - 3 kW (Multi-Axis)



PowerFlex DC Drives

Power ranges:
1.2 - 224 kW (200 - 240V)
1.5 - 671 kW (380 - 480V)
And more.



Controllers

- ControlLogix 5580
- ControlLogix 5570
- CompactLogix 5480
- Micro820
- Micro810
- Micro850

And More.



HMI

- PanelView 5000
- PanelView Plus 5
- 6176M
- VersaView 5100
- Industrial Monitors
- VersaView 5200

And More.



Encoders

- Absolute Encoders
- 842A (Multi-Turn Magnetic)
 - 842HR (Sine/Cosine)
- Incremental Encoders
- 847 (High Resolution)

And More.



Safety Switches

- Safety Limit Switches
- Guard Lock Switches
- Emergency Stop Switches
- Heavy Duty Limit Switches

And More.



Circuit Protection

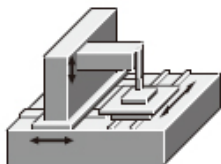
- Miniature Circuit Breaker
- Molded Case Circuit Breaker
- Motor Circuit Protector
- Motor Protection Circuit Breaker

And More.

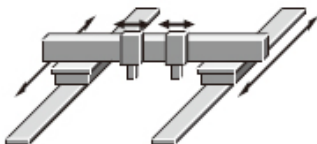
MORE FROM ROCKWELL

Application Example

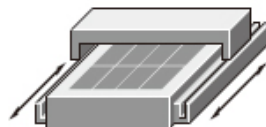
[Machine tools XYZ stage]



[Semiconductor/LCD manufacturing systems]



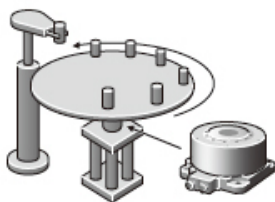
[Screen printing systems]



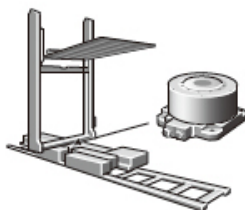
Application Example

Suitable for low speed and high torque applications.

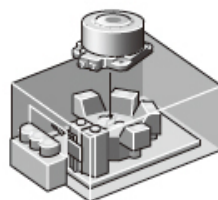
[Index table for machine tools]



[Rotary axis for material handling robots]



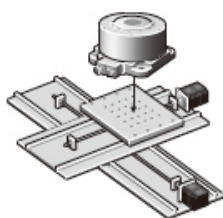
[Painting and vapor deposition systems]



[Spin-type cleaning systems for LCD/semiconductor]



[LCD/semiconductor testing systems (XYθ tables)]



[Rotary axis for polishing systems]

