



บริษัท มือโทเมชั่น จำกัด MEE AUTOMATION CO., LTD



Hotline 099-353-7979

Line ID : meeautomation



Authorized Dealer



“ABOUT US”

บริษัท มือโทเมชั่น จำกัด ได้รับการแต่งตั้งเป็นตัวแทนอย่างเป็นทางการโดย
Parker Hannifin (Thailand) Co., Ltd. Parker Authorized Dealer

- บริษัท มือโทเมชั่น จำกัด ให้บริการจำหน่ายสินค้ากลุ่มออโตเมชั่น AC/DC DRIVE แก่โรงงานทุกอุตสาหกรรม
- พร้อมทั้งให้บริการติดตั้ง, ซ่อม AC/DC DRIVE และอุปกรณ์ระบบ PLC / HMI และระบบคอนโทรลเครื่องจักร
- บริษัทฯ มีวิศวกรประสบการณ์ตรงกว่า 10 ปี เกี่ยวกับสินค้า Parker AC/DC Drive - Inverter ให้คำแนะนำและแก้ปัญหาการใช้งานเกี่ยวกับสินค้าที่บริษัทจำหน่ายทุกรายการ



Parker Hannifin (Thailand) Co., Ltd

1265 Rama 9 Road, Pattanakarn

Suanluang, Bangkok 10250 Thailand

Tel: (66) 2 186 7000

Fax: (66) 2 374 1645

REF: PHT25-007

July 12th, 2024

To: Mee Automation Co.,Ltd.

88/159 Moo.6 Srisa Chorakhe Yai, Bang Sao Thong, Samut Prakan 10570

Subject: Parker Authorized Dealer (AC/DC Drives)

Dear Sir/Madam,

Parker Hannifin (Thailand) Co.,Ltd hereby confirms that Mee Automation Co.,Ltd. has been appointed to be authorized dealer for AC/DC drives products in the territory of Thailand.

As an appointed authorized dealer, Mee Automation Co.,Ltd. would provide services and support to customers who have purchased Parker AC/DC drives products via Mee Automation Co., Ltd. in Thailand

The appointed authorized dealer is currently valid and will be reviewed by 30th June 2025.

We take this opportunity to thank you for your continuous support with Parker.

Yours faithfully,

Chakrapong Chantait

Chakrapong Chantait

Territory Sales Manager

Parker Hannifin (Thailand) Co., Ltd.



OUR PRODUCTS



Authorized Dealer



- **DC590+ “Integrator Series”** for DC motors, well suited to integrated multi-drive systems. Extensive application software including winder control, together with function block programming and configurable I/O creates a total drive system in a single module. This flexibility in configuration makes the DC590+ an excellent retrofit solution not only for legacy Parker SSD drives, but for competitive brands as well. “DRV” models include fuses and contactor.

- **AC10** - A simple, reliable, and economical solution to every-day motor control applications requiring speed or torque control within the power range of 0.25 to 250 HP. Compact footprint and features including, sensorless vector mode and a full 150%/60 sec overload. A solution for machine builders looking for a compact, cost-effective, drive with robust performance. IP20 and IP66 ratings available



- **AC20** general purpose drive provides advanced Ethernet connectivity and Safe Torque Off for open or closed loop AC induction and PM motor control in applications up to 180kW

- **AC30V, AC30P, AC30D** - Available in three levels of capabilities, the AC30 family provides exceptional levels of control, from simple open-loop pumps and fans to closed-loop process line applications through 600 HP. Its flexible, modular construction enables a wide range of communications and I/O modules to be added as required. Integrated macros and PLC functionality enable users to create sophisticated control without a separate PLC.



- **AC890** - A compact, modular systems drive engineered to control speed and position of open-loop and closed-loop, single- or multi-motor AC induction or servo motor applications. Compatible with a wide range of feedback options, the AC890 may be used with any AC motor and virtually any speed/position feedback options. Available in 380-460/500V 3-phase 0.75 to 500 HP and 220V-240V 3-phase 0.75 to 10 HP.



AC 690+ - Replacement to AC 20

OUR PRODUCTS



Authorized Dealer



DC590+ "Integrator Series"

for DC motors, well suited to integrated multi-drive systems. Extensive application software including winder control, together with function block programming and configurable I/O creates a total drive system in a single module. This flexibility in configuration makes the DC590+ an excellent retrofit solution not only for legacy Parker SSD drives, but for competitive brands as well. "DRV" models include fuses and contactor.



Features and Benefits

- Ratings up to 1950 A and supply voltages to 690 V
- Internal controlled field supply Function blocks programming, including open and closed-loop winder control as standard
- Rapid Commissioning, optimal control performance and easy maintenance the DC590+ can be configured and commissioned within minutes, without turning the motor and without the need for high levels of engineering know-how
- Easy integration into existing control networks The DC590+ has a wide choice of common industry fieldbus communication options allowing seamless integration into existing factory control networks
- Interfacing with existing external control equipment (Dancer, gauge, etc...) A number of input / output options gives the DC590+ the flexibility needed for integration into any variable speed system. Combined with its embedded automation functions, its input-output configurations can in many instances remove the need for an external PLC.
- Worldwide product support The DC590+ DC Drive is available with full application and service support in over fifty countries worldwide. So wherever you are, you can be confident of full back up and support.

Accessories and Options

Feedback Options The DC590+ has a range of interface options which are compatible with the most common feedback devices enabling simple motor control through to the most sophisticated multi-motor system. Armature voltage feedback is standard without the need for any interface option.

- Analogue tachogenerator
- The encoder feedback card
- Operator Keypads Standard operator keypad 6901-00-G
- Drive System Explorer Lite (DSE Lite) Software



6901 Programming/ Operator Controls

OUR PRODUCTS



Authorized Dealer



AC 10 Series Variable Frequency Drive

This is a simple, reliable and economical solution to every-day motor control applications requiring speed or torque control within the power range of 0.25 HP to 250 HP. Having features normally only associated with higher specification drives, including sensorless vector mode, AC10 provides an optimized solution for OEM machine builders looking for a compact, cost-effective drive without compromising on performance. The AC10 is suitable for AC induction motor designs, drive with robust performance IP20 and IP66 ratings available.

Features

IP20 Model

Choice of operating voltages

- 230V single and three phase input up to 20 HP
- 480V three phase input from 0.25 HP through 250 HP
- Enhanced auto-tuning sensorless vector control providing higher dynamic performance for applications requiring greater speed or torque accuracy.
- Up to 590 Hz output for high speed operations such as spindles, centrifuges, mixers etc
- Flexible digital inputs and outputs, and relay output to suit your application needs.
- 1 analog output (2 on units 40HP and higher) and 2 analog inputs for connection to speed potentiometers and panel meters.
- Internal dynamic brake switch as standard.

IP66/NEMA4X Model

Choice of operating voltages

- 230V single and three phase input up to 3 HP and 480V three phase input from 0.25 HP through 125 HP
- Suited to harsh, wet, and dusty environments.
- Robust NEMA 4X indoor/IP66 enclosure for direct mounting in dusty or moist environments.
- Optional Internal EMC filter allows use in C3 industrial environments.
- Conformal coating provides protection in arduous class 3C3 environments
- 50°C operating temperature
- Flexible digital inputs and outputs, and relay output to suit your application needs
- Internal dynamic brake switch as standard
- Easy user access with removable "gland plate"
- Clone module connection



IP20 Model



IP66 Model



Through 20 HP

Accessories and Options

- Remote Mounting Keypad
- Cloning Module Allows users to copy applications between drives and upload/download parameter sets.
- Three Phase Line Reactor
- Dynamic Braking Resistors

OUR PRODUCTS



Authorized Dealer



AC 20 Series Variable Frequency Drive

AC20 provides a straight-forward approach to general purpose industrial motor control applications across a wide range of industries, giving users the benefits of the inherent energy-saving properties of using a variable speed drive, as well as the improved reliability and extended service life benefits associated with smoother starting and stopping of regularly cycling loads.

Features

- Standards & Compliance

The product is certified to the latest international standards:

Europe:

- Low Voltage Directive 2014/30/EC
- Electro-Magnetic Compatibility Directive 2006/42/EC
- EN61800-5-1:2007 + A11;2021
- EN61800-3:2018
- IE 2 Compliant

- Power Cable Shielding Bracket (not shown)

Frames 2-5 include a cable shielding and support bracket as standard.

- User-Installable Option Cards

- Encoder feedback card
- General Purpose I/O card

Use either or both in any combination, up to two cards per drive.

- Standard Ethernet Port

Ethernet/IP, Modbus TCP/IP, and ProfinetIO as standard. Access the drive webpage or program the drive through the popular and intuitive DSElite configuration tool.

- Built-in Display Keypad

Operate the drive and see real time diagnostic feedback through the backlit built-in display.

Accessories and Options

- 6901 Remote Mounting Keypad.
- Option Slots.
- General Purpose I/O (GPIO) Option Card
- Encoder Feedback Card
- Communication Option Cards
- Line Protection
- Braking Resistor



OUR PRODUCTS



Authorized Dealer



AC 30 Series Variable Frequency Drive

Versatile Power Configurations

The AC30 Series can be configured to operate in a number of different power configuration modes to suit the exact requirements of your application. The modularity of the AC30 Series enables different combinations of system components to be easily selected and installed to achieve the desired design, eliminating significant amounts of pre-engineering work.

Features

• Select Power Stack

AC30 Series is based on a variety of basic system power components which can be combined to create a number of different input power configurations. All variants are available in power ratings of 0.75 kW...450 kW.

• Select Control Module

A range of controls modules offer varying levels of intelligent automation control.

- AC30V is the base drive for standalone applications.
- AC30P Supporting latest developments in the "Internet of things" and employing principles discussed in Industry 4.0 the AC30P is fully equipped with Profinet, Ethernet IP and Modbus TCP/IP via dual Ethernet ports.
- AC30D The AC30D module gives you the great features of the AC30P as well as additional built in terminals to allow dual encoder inputs and an encoder output. This gives "system Board" functionality to the AC30 allowing "electronic line shaft" capability so with this control module we can offer phase locking between drives and register control.

• Select Comms & IO Options

A wide range of communications, fieldbus, IO and feedback options are available.

Accessories and Options

- Operator Keypad
- Cablescreening Kits
- General Purpose I/O (GPIO) Option Card
- Motor Thermistor Input Module
- Resolver Feedback Module
- Pulse Encoder Feedback Module
- Communication Interfaces
- Braking Resistor



OUR PRODUCTS



Authorized Dealer



AC 890 Systems Drive

The AC890 is a compact, modular systems-capable drive engineered to control speed and position of open-loop and closed-loop, single- or multi-motor AC induction or PMAC motor applications.

Features

- Open-loop (volts/frequency) control
This mode is ideal for basic, single or multi-motor speed control.
- Sensorless vector control
With its ultra high performance sensorless vector algorithm, the AC890 delivers a combination of both high torque and close speed regulation without the need for any speed measuring transducer.
- Closed-loop vector control
Full closed-loop flux vector performance can be achieved with the AC890 by simply adding an encoder feedback 'technology box'. This provides 100% continuous full load standstill torque, plus a highly dynamic speed loop more than sufficient for the most demanding applications.
- PMAC servo control
Allows the use of a PMAC motor such as the TMW series, with feedback device.
- Compatible with a wide range of feedback options
The AC890 is compatible with any AC motor and virtually any speed/position feedback options.
- Minimal delay between fieldbus setpoints and the control loops
Designed to integrate in existing automation systems, the AC890 features high performance ports linked directly to the fast control loops of the drive.
- Replacement of analog solutions
Your existing analog setpoint-based solutions can be replaced by a digital fieldbus-based solution with minimum bandwidth loss.



Accessories and Options

- 6901 Remote Mounting Keypad.
- General Purpose I/O (GPIO) Option Card
- Encoder Feedback Card
- Common Bus System
- Communication Option Cards
- Ventilation Components
- Line Protection
- Braking Resistor



OTHER PRODUCTS



- **Mentor MP** integrates the control platform from the world's leading intelligent AC drive technology making it the most advanced DC drive available. With optimum performance and flexible system interfacing capability, the Mentor MP drive allows you to maximize motor performance & enhance system reliability. Interface digitally with modern control equipment using Ethernet & fieldbus networks. It is very easy to retrofit from Mentor II & for high power configuration.

- **The Mitsubishi MELSEC-F series** has already made great strides, and the new MELSEC iQ-F series features an even higher speed bus, expanded built-in functions, advanced SSCNET III/H support, and a more environmentally friendly environment. Improved engineering with parameter settings in GXW3 engineering software. From stand-alone applications to network applications, MELSEC iQ-F keeps your business ahead of the industry.



- **MELSEC iQ-R** takes a three-pronged approach to solving these problems: reducing total cost of ownership (TCO), increasing reliability, and reusing existing resources



- GP series has been well-received by a lot of customers since a full graphical touch panel monitor was developed in 1988 for the first time in the world. Our wide variety of hardware products include Standard that is widely used for operation display of a range of control devices such as PLC, Compact, Modular Type, and so on. As a flagship model, SP5000 series, "Smart Portal", is available. SP5000 series offers unprecedented solutions for utilization of increasingly sophisticated information.

- **FUJI INVERTOR FRENIC MEGA , ACE** This product is designed to drive a three-phase induction motor. Read through this manual to become familiar with proper handling and correct use. Improper handling might result in incorrect operation, shorter life cycle, or failure of this product as well as the motor. Have this manual delivered to the end user of this product. Keep this manual in a safe place until this product is discarded.

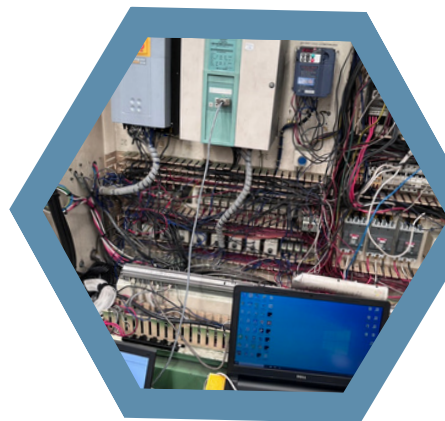


- Koyo PLC



- Omron PLC

PROJECT & REPAIR OF OUR SERVICE



บริษัท มีอโตเมชั่น จำกัด

88/159 หมู่ 6 ตำบลศรีษะจรเข้ใหญ่ อำเภอบางเสาธง
จังหวัดสมุทรปราการ 10570

Tel. 02-062-5616 Fax. 02-062-7228

Hotline 099-353-7979 Line ID : meeautomation

EMAIL : Sale.meeautomation@gmail.com,

sales@meeautomation.com

Website: www.meeautomation.com

สแกนเพื่อเยี่ยมชมเว็บไซต์

