

Dear Customer,

Automation Digest Issue #21 - July 2007

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In this issue, we bring to you the new Omron CX-One V2, CP1H, E3Z-L and the Dynamic Sag Corrector (DySC) from Soft Switching Technology.

Brief content of this issue:

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- 1) Omron CX-One (Version 2) Integrated Tool Package
- 2) Omron CP1H Micro PLC
- 3) Omron E3Z-L Laser Photoelectric Sensor
- 4) SST Dynamic Sag Corrector (DySC)

* Omron CX-One (Version 2) Integrated Tool Package

The CX-One Package integrates all of the Support Software for Special I/O Unit and CPU Bus Units such as:

- Position Control Units,
- Motion Control Units,
- Temperature Controllers, and
- Process Controllers.

The CX-One Integrated Tool Package strives to reduce the customer's Total Cost of Ownership by providing a seamless environment to operate the Support Software required for all processes, from FA system design to operation and maintenance.

CX-One Version 2.0 focuses on developing FA systems, from programming through debugging. The integrated simulation environment helps reduce the total lead-time for design, development, and startup of equipment and devices.

Click here for more details about CX-One->

http://www.omron-ap.com/product_info/CX-One/index.asp

* Omron CP1H Micro PLC

Omron latest addition to the family of PLC, CP1H series, an all-in-one package with multi-functionality, compact size PLC.

Features:

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- Built-in 4 axes pulse control output (up to maximum speed of 1MHz)
- Built-in 4 high-speed counter input (up to maximum 1MHz)
- Built-in 4 Analog Inputs and 2 Analog Outputs
- Built-in 1 standard USB port and maximum 2 serial ports*
- Built-in 7 Segment display for two digits display, programmable from ladder program
- Support PLC link up to 9 CPU units
- Support serial Modbus-RTU connection*
- Up to 8 interrupt Inputs
- Fast processing time at 26 times faster than CPM2A

A truly revolutionary PLC at an incredible size and offer.

Click here for more details about CP1H->

http://www.omron-ap.com/product_info/CP1H/index.asp

* Omron E3Z-L Laser Photoelectric Sensor with Built-in Amplifier

E3Z-L, Omron most compact and reliable Laser Photoelectric Sensor, comes in:
- Through-beam type
- Retro-reflective type
- distance settable type

Advantages of the through-beam and retro-reflective laser sensors:
- Greatly enhanced beam visibility for easier optical axis adjustment of sensors
- Reliable detection of small objects and narrow gaps with the small spot

Advantages of the distance settable laser sensors:
- Long distance sensing at 300mm (White paper)
- Easy detection of small work pieces and minor differences in levels with the small spot
- A Low Black/White error for applications with mixed colors

Click here for more details about E3Z-L->
http://www.omron-ap.com/product_info/E3Z-LT/index.asp

* SoftSwitching DySC - The Industrial Standard for Voltage Sag Protection

Since the first unit was installed in 1996, SoftSwitching Dynamic Sag Corrector (DySC) has become the world leading voltage sag mitigation solution for the mission critical manufacturing sector. You will find the award winning DySC product protecting critical production tools in all the semiconductor plants in Singapore, and we are adding daily our number of satisfied DySC users to our list.

Why use DySC?
- Battery free. No environmental hazard due to chemical.
- Minimal Maintenance. Eliminate cost and time for maintenance personnel.
- Energy Efficient. No expensive electricity bill to run the unit
- Compact size. Save space for expensive manufacturing floor.

DySC will evolve into a second-generation DySC PLUS range beginning July 2007. For existing DySC users, please contact us for an update on our new DySC PLUS products.

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Lastly, thanks for your time once again and we look forward to provide you with more updates in our next issue.

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