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Omron CP1H PLC, multi-functionality condensed into an All-in-one Package  
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Over the decades, Omron have been well known for its control system in FA automation with its comprehensive range of PLC. Even so, they have not been relaxing on their lapse! In fact, they have just release the New Omron Micro PLC, CP1H.

The new CP1H provides economical option to PLC control but yet more powerful with multi-functionality condensed into an all-in-one package.

In short, Omron PLC range will be more comprehensive and allows flexibility in the system configuration!

Features in brief:

- CP1H-X40 (Standard) - 24 Inputs/16 outputs
  - 100 KHz High speed counters inputs (4 axes)
  - 100 KHz Pulse Outputs (2 axes)
  - 30 KHz Pulse Outputs (2 axes)

CP1H-XA40 (Built-in Analog) - Function of CP1H-XA40 plus 6 Built-in Analogs I/Os

CP1H-Y20 (High Precision Positioning) - 12 Inputs/8 outputs

- 1Mhz High speed counters inputs (2 axes)
- 100khz High speed counters inputs (2 axes)
- 1Mhz Pulse Outputs (2 axes)
- 30Khz Pulse Outputs (2 axes)

-CPM Series expansion modules and CJ Modules can be used with CP1H!

As you can see from above, CP1H presents the latest solution in control with its new package type terminal block PLC that combines full basic functionality with advanced expandability.

Click here to find out more on the latest CP1H ->  
[http://www.omron-ap.com/product\\_info/CP1H/index.asp](http://www.omron-ap.com/product_info/CP1H/index.asp)

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\*Omron E3Z Laser Photoelectric Sensor with built-in amplifier  
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The most reliable, compact laser sensor Omron E3Z-LT (Through-beam), E3Z-LR (Retro-reflective) and E3Z-LL (Distance-settable)!

- Greatly enhanced beam visibility for easier optical axis adjustment of sensors
- Reliable detection of small objects and narrow gaps with the small spot.
- Providing the safety and peace of mind of laser class 1 (JIS and IEC)
- Much resistive against dust, contamination or vibration

Click here to find out more about the Latest E3Z laser sensor with built-in amplifier->  
[http://www.omron-ap.com/product\\_info/E3Z-LT/index.asp](http://www.omron-ap.com/product_info/E3Z-LT/index.asp)

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**\*International Safety Standards**

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"Standards make an enormous contribution to most aspects of our lives - although very often, that contribution is invisible.

It is when there is an absence of standards that their importance is brought home. For example, as purchasers or users of products, we will soon notice when they turn out to be of poor quality, do not fit, and are incompatible with equipment which we already have, are unreliable or dangerous.

When products meet our expectations, we tend to take this for granted. We are usually unaware of the role played by standards in raising levels of quality, safety, reliability, efficiency and interchangeability - as well as in providing such benefits at an economical cost."

Abstracted from -> <http://www.iso.org/iso/en/aboutiso/introduction/index.html>

We are heading towards the 21st century where International Safety Standards are slowly moving into Asia market. Soon, our machines would be required to have the safety principles based on the ISO/IEC standards.

We can help you to keep up with the standards by looking at our safety products that we have introduced so far Omron G9SX safety relay, Brady Safety Signage, F3SJ curtain sensor and also take a look at our range of Safety door switches for prevention of hazards.

Come on, feel free to give us a call or email to us on how we can work together towards to comply with the International Safety Standards!

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\* To subscribe / unsubscribe

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Hope you have enjoyed the newsletter and the information is useful to you. If you think this information would benefit any of your colleagues, please feel free to forward to them.

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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.

Best regards,  
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