

Channel ACTION ALERT!

OMRON
INDUSTRIAL AUTOMATION

NO: PC-222
DATE: April 2011

PRODUCT: Ethernet/IP I/O
TYPE: Product Release

Cost Effective EtherNet/IP I/O with Fast & Secure Wiring

The new 32-point EtherNet/IP I/O blocks provide simple and fast cage clamp blocks for secure wiring every time. These cost effective blocks are available in 32-point PNP Input, 32-point PNP Output and 16-point PNP Input & Output Blocks.



Key Features and Benefits

- **Low Cost Per Point** – The 32-point EtherNet/IP I/O blocks provide a very cost-effective per-point EtherNet/IP I/O Solution
- **Simple & Fast Wiring** – Cage clamp connections provide simple & fast wiring saving setup time
- **Secure Connections** – Cage clamp connections insure secure wiring connections every time
- **High-speed, high-capacity data exchange** – Quickly exchange data between controllers and devices using high speed data links
- **Easy data exchange** – Multi-vendor communications with CIP messages make it easy to exchange data between Omron or other manufacturers PLCs and EtherNet/IP I/O Blocks
- **Auto Baud Rate** – EtherNet/IP slaves automatically detect the baud rate of the switching hub
- **I/O Power Monitor** – The I/O Power Monitor is used to detect whether the power supply is connected and to provide status via explicit message commands
- **Short Circuit Detection** – Sensor short circuits can be detected and read via explicit messaging
- **Rapid Troubleshooting** – A variety of built-in functions enable you to quickly identify and handle errors, including connection check with other nodes, unit self-diagnosis and error logging.

Target Markets and Applications

- **Food Processing** — Food and beverage, brewing, mixing optimization, curing, coffee roasting
- **Automobile Manufacturing** — Welding machines, robots, cameras, drives
- **Printing** — Converting, OEM, printing and publishing
- **Semiconductor and Electronics** — Substrate mfg., hard drive mfg., PCB mfg.
- **Solar and Alternative Energy** – Low cost remote I/O used in alternative energy applications

Selling Information

Part Number	Description	Stock Status
ERT1-ID32SLH-1	32 Point PNP Input with Cage Clamp Terminals	S
ERT1-OD32SLH-1	32 Point PNP Output with Cage Clamp Terminals	S
ERT1-MD32SLH-1	16 Pt PNP Input & 16 Pt PNP Output Cage Clamp Terminals	S

Literature Support

Product	Description	Cat. Number
ERT1 Operation Manual	Omron ERT1 EtherNet/IP Slave Unit Manual	W481
CJ2 Product Brochure	Omron CJ2M & CJ2H PLC Product Brochure	R24I-E-02
CJ/CS EtherNet/IP Operation Manual	Omron CJ & CS EtherNet/IP Operation Manual	W465