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ControlDesign.com E-NEWS

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This Edition Sponsored by Beckhoff

Beckhoff's CP72xx Panel PCs are flexible, "all-in-one" automation, motion control and HMI devices. The arm-mountable CP72xx series features an integrated Industrial PC for control and a high quality TFT display for visualization in one dynamic device. With a housing depth of just 98 mm, the CP72xx can be equipped with high powered processors up to Intel Core Duo or Core2 Duo.

Issue Highlights
- Will This Machine Work?
- Solid-State Relays Enhance Reliability
- How Are Energy Costs Affecting Your Machine Design?

Will This Machine Work?
Find best test methods for proving your machine operation.

Solid-State Relays Enhance Reliability
SSRs and PLCs have changed over the years. Find out how.

How Are Energy Costs Affecting Your Machine Design?
Has the relentless rise in energy costs affected your machine design? Let us know.

Sponsored Product

Control You Can Count On From Kepco
Kepco's HSF and HSP series of hot-swappable plug-in power supplies (50-1500W) are designed to be combined in an N+1 fault-tolerant power system. All models have PFC (Power Factor Correction). Both HSF and HSP may also be used independently as multi-output power supplies. Available in 1U (1.75") (HSF only) and 3U (5.25") housings.

Get full specs at www.kepcopower.com/hsf.htm?cd and www.kepcopower.com/hsp.htm?cd

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Multimedia Library

A Few Good Engineers
There's safety in numbers, and in virtual simulation. As an engineer, you already knew that. View our preview trailer and find

out how to become part of the Control Intelligence Agency Virtual Brigade. A briefing on the agency's new arm, as well as results from its latest intelligence-gathering on design and simulation software, will be presented June 27 on ControlDesign.com.

Featured White Paper

Specifying the Ideal DC UPS for Industrial Applications
Microprocessor-based industrial controls PLCs, industrial computers, HMI, drives, motion controllers and sensors are the foundation of high productivity, quality and competitiveness. If there is one universal factor that can and will disrupt microprocessor-based controls and cause downtime, that factor is power quality.

Machine Builder Forum

Relay Races to Replace Components
Programmable relays can be used to replace a variety of components. Solvere, a system integration firm in North Carolina used programmable relays to replace individual components such as rotary timers, cube relays, thumb wheel-adjustable counters and contactor relays in a baghouse controller at MikroPul. See our case history on how the greenboard controller was replaced to improve the level of performance. Which components have you replaced with programmable relays?

New Products

Baldor Electric's Stock Products 501 Catalog

Ferraz Shawmut's UL-Listed Amp-Trap 2000 A4BQ 100-600 A Fuses

Misumi USA's Metric and Inch Catalog

Lenze-AC Tech's SMV Vector Drive

Upcoming Industry Events

Get information on all these events here

Control Systems Cyber Security Conference
August 4 - 7, Chicago

Automation Xchange

August 10 - 13, Park City, Utah

International Manufacturing Technology Show (IMTS 2008)
September 8 - 13, Chicago

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