

Products: Editor's Choice

Wallmount/floor enclosures



The FlatBox enclosure line from Rittal Systems is delivered as a flatpack, thereby optimizing transport and storage capacities, the company says. Given their symmetrical design, FlatBoxes can be arranged in lines or stacked one on top of another. The parts snap together without the need for any tools. Units can be supplied in heights between 6 and 21 U, depths of 400 and 700 mm and widths of 600 to 700 mm. For 12 U and higher, leveling feet are supplied to use when mounting on the ground.

rittal.ca Info Card 386

ADA-compliant handrails



Kee Industrial Products has introduced the Series 500 ADA Railing System to build handrails for stairs, ramps, walkways and other areas where it is necessary to conform to the requirements of the Americans with Disabilities Act (ADA) and other applicable state and local building codes. Series feature a new range of Kee Klamp structural, slip-on pipe fittings.

keeklamp.com Info Card 388

Cooling for large enclosures



The Dual Cabinet Cooler System from Exair Corp. is said to keep electrical enclosures cool with 20°F air. The cooling capacity up to 5600 Btu/h is suitable for large electrical enclosures and high heat loads. Cabinet Coolers incorporate a vortex tube that cools ordinary compressed air to 20°F without the use of refrigerants. They mount through a standard electrical knockout while maintaining the NEMA 12, 4 or 4X rating of the enclosure.

exair.com/dualcc.htm Info Card 390

Micron positioning



Voice coil stages with up to 50.8 mm of travel have been introduced by H2W Technologies. The direct drive, zero backlash stages have an encoder resolution as low as 0.1 micron, acceleration up to 98 m/s², and no moving cables. Voice coil stages ratings range from 0 to 222 N continuous force and 667 N peak force. The closed loop voice coil stages require a linear servo amplifier which is available as a system.

h2wtech.com Info Card 392

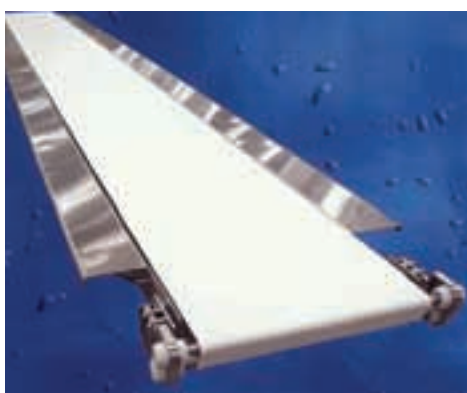
Line of current sensors



AutomationDirect has announced the Acu-AMP series of current sensors. ACT series current transducers, available in split-core and fixed-core models, have jumper-selectable current input ranges and industry standard 4 to 20 mA or 0 to 10 Vdc outputs. ACTR series current transducers combine a current transformer and a True RMS signal conditioner into one unit. Available with 4 to 20 mA output, ACTR current transducers utilize True RMS technology. ACS150 series current operated switches combine a current transformer, signal conditioner, and limit alarm.

automationdirect.com Info Card 387

Sanitary conveyors



Dorner Manufacturing has announced its AquaPruf line of sanitary conveyors come with an option for frame integrated side tables up to 10 in. wide. Stainless steel side table can be formed out of the frame on either one or both sides of an AquaPruf conveyor. The conveyors can be completely disassembled for cleaning, without tools, in less than a minute. Additionally, AquaPruf conveyors come in straights or curves and can be made to a variety of lengths.

dorner.com Info Card 389

Valves Class I, Div 2 approved



The Red Hat Next Generation line of solenoid valves from ASCO Valve have Class I, Division 2 approval for use in hazardous locations. The valves also meet all NEMA Types 1 through 4X requirements for water-tight and dust-tight operation. The valve accepts both ac and dc voltages and its 2 W power consumption is said to achieve the same performance as a 17 W ac solenoid valve. The valves include 2-, 3- and 4-way models.

ascovalve.ca Info Card 391

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