

Products: Enclosures

Cables simplify cabinets

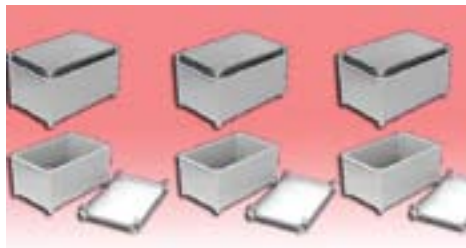


Up to 20 Bosch Rexroth IndraDrive Mi servo drives can be connected in series with a hybrid cable. The scheme is said to reduce cabling volume by up to 85% and control cabinet volume by up to 70%. The hybrid connection cable, which reach 100 m long, combines high-capacity supply and real-time control communication through SERCOS interface. The connections can be implemented without having to modify the control cabinet.

boschrexroth.ca

Info Card 375

Reinforced polyester design



The Combiester series from Ralston Metal Products is an enclosure made from compression molded fibreglass reinforced polyester with opaque polycarbonate inspection covers. Through use of water-tight polyurethane-foam seal and double insulation, the enclosures are CSA certified as a type 4, 4X, 12 and 13, making them suitable use indoors and outdoors. The enclosures have a hinged inspection cover. Enclosures are light grey and inner panels are white.

ralstonmetal.com

Info Card 376

HMI console systems



Rittal Systems has announced the Rittal TopConsole, a range of HMI units that have been ergonomically designed to offer optimum design conditions for the system builder, with more diversity by using combinations of arm system modules, command panels or industrial workstations. Although the console incorporates a new slim-line design and is visibly thinner than standard consoles, the usable mounting area and the interior installation modularity has been extended. The desk console lid also provides more usable surface areas for switches and keyboards. Screens, displays and operating controls are now mounted in an ergonomically favorable position.

rittal.ca

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ARINC sizes ranging from 1/2 ATR Short to 1-1/2 ATR Long. Offered in 3U and 6U form factors, the series supports bus structures and platforms in the VME, VME64x, VXS, VPX and CompactPCI architectures.

gavazzi-computing.com

Info Card 379

Freight container casters



The Revvo Caster Company has introduced Towcasters, casters designed to move ISO freight containers. The casters are provided in sets of four, two swivel and two fixed casters, and feature polyurethane on cast iron wheels. The units are available in two sizes with wheel diameters of 25 cm and load capacities of 9979 kg, and 30 cm wheel diameters with 11,975 kg load capacities.

revvocaster.com

Info Card 380

SKF Actuation & Motion Control

Ball and roller screws

SKF is the market leader in roller screws. These screws offer the ultimate in performance, reliability and lifetime, in a compact design.

SKF ball and roller screw assemblies are high-quality products suitable for a wide range of applications where precision driving systems are needed. The high efficiency screw affords the opportunity to displace loads by transforming rotary action into linear motion. These screws have rolling elements, balls or rollers, between the nut and the screw shaft. In all types of ball screws, the load is transmitted from the screw shaft to the nut through each ball. Several recirculating systems are available.

Key applications include:

- injection molding
- tilting trains
- welding and riveting guns
- high performance actuators for tripod robots



For detailed information on SKF's complete range of Actuation & Motion Control products, please email marketing@skf.ca or visit www.skf.ca/dpn

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Spinning clinch bolts



PennEngineering spinning clinch bolts (click logo for 3D PDF) for thin metal panels are said to install securely using controlled clinching action to captivate the screw while allowing it to spin freely in the sheet. The one-piece steel fastener line of spinning clinch bolts includes patented Type SCB fasteners featuring an unthreaded neck for axial float and Type SCBJ hardware with a jacking feature. Both can permanently captivate into aluminum or steel sheets as thin as 0.8 mm (and greater) and are available in various lengths and thread sizes from #4-40 through #6-32 and M3 through M4.

pemnet.com

Info Card 378

Conduction-cooled cabinets



Carlo Gavazzi Computing Solutions has introduced the 716 series of conduction-cooled rugged ATR enclosures. The series can be configured to custom form factor requirements and is also available in standard

Soft-sided enclosures



Hammond Manufacturing has extended its ergonomically shaped and tactile hand-held 1553 line, adding four standard colors, translucent blue, red, "safety" yellow and black. Molded in general purpose ABS, the units will typically be used for hand-held instruments, remote controllers, flying lead machine controllers test and measurement equipment, machine and robot controllers, detection equipment, data logging units and peripherals. The units fit into the hand and are available in two sizes, 4.62 x 3.11 in. and 5.8 x 3.5 in.; both have a removable flat plastic front panel and are available with or without battery door and compartment.

hammondmfg.com

Info Card 377

Submersion rated enclosures



Fibox Enclosures has expanded UL and cUL environmental ratings for its ARCA series enclosures. In addition to the Type 4 and 4X hose-down rating, Type 6, 6P, 12, and 13 ratings have been added for enclosures 12 x 10 in. and smaller. The ratings apply to a screw cover enclosure, a hinged screw cover enclosure, and a hinged enclosure with several latch configurations. Type 6 and 6P are 6 ft submersion ratings for 1 and 24 h, respectively. Type 12 and 13 ratings add protection from oil and non-corrosive coolants. Larger ARCA sizes are now rated Type 4, 4X, 12, and 13.

fiboxusa.com

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