

OEMs and panel builders buy only what they need via ABB's expanded ACS800-U4 drive modules introduction

(Modules offer essential parts needed for in-cabinet installation; modules now include R2 – R6 frame-size additions, in 3 – 200 horsepower range)

NEW BERLIN, WI, June 1, 2007. . Via ABB's expanded ACS800-U4 drive modules line, panel builders, system integrators and OEMs can buy exactly the parts they need to build motor-control units for end users. The drive module line has been expanded to include R2 – R6 frame sizes, which include a range of 1 - 200 horsepower. R7 and R8 frame sizes, already introduced to the market, expand the total module range to 600 hp. All modules are offered in 480Vac, and also available in 230Vac and 690Vac configurations.

Only What You Need

The modules, built with IP20 protection, are ideal for installation into enclosures. “These modules are based on the ACS800-U1 standard drives that ABB offers,” noted Michael Vallier, product line manager – ABB LV Drives, “but these exclude the drive cover, conduit box, keypad, keypad mounting, and documentation. This allows the OEM and system integrator to buy only what they need – and no more.”

Smallest-footprint 200 Hp Drive on the Market

The modules also are tremendously compact. The R6, 200Hp unit, with a 254A rating, “is the smallest 200 Hp drive on the market, bar none,” said Vallier. ABB offers the module drives exclusively in the IP20 package, with a standard IP54 power structure in support of flange mounting.

Easy Flange Mounting (Gets the Heat Out)

Flange mounting kits for the drive modules, frame size R2 – R6, are available, too. This allows the power structure (heat sink) of the drives to be installed outside the enclosure – with the drive's electronics protected inside the enclosure.

“This entire line focuses on providing volume machine and panel builders, and system integrators, tremendous efficiencies,” said Vallier; “these are the critical motor-control components needed, without any extras to add cost or waste.” The module drives can be incorporated very easily into a host of their machine designs.”

ABB, Automation Products, Low Voltage Drives, is the world's largest manufacturer of electric motors and drives. In the USA, an integrated channel of sales representatives, distributors, and system integrators allow ABB, New Berlin, Wisconsin, to supply a complete line of energy-efficient electric drives, motors and engineered drive systems to a wide range of industrial and commercial customers. Products manufactured include AC and DC variable speed drives for electric motors from 1/8th through 135,000 HP, and application-specific drive system solutions to meet diverse customer needs (<http://www.abb.us/drives>).

ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in



around 100 countries and employs about 109,000 people.



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