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Note to editors: Link to high res photo and picture caption follow news release text.

New AMP8620 Supply Module from Beckhoff Accommodates Cabinet-free Servo Drive Installation

IP 65-rated distributed drive technology from Beckhoff thrives in harsh environments and reduces enclosure requirements

SAVAGE, Minnesota, April 25, 2019 – To greatly reduce cabinet and enclosure requirements for machine builders and manufacturers, Beckhoff Automation has announced the new AMP8620 supply module. The AMP8000 Distributed Servo Drive system provides optimal support for the implementation of modular machine concepts. With the AMP8620 supply module's IP 65 protection rating and consistent decentralization, the entire motion system can now be mounted directly on the machine. This means drive technology can now be implemented entirely without control cabinets, resulting in maximum possible savings in terms of cost, materials, space and installation work.

While coupling modules already reduced the requirements for connecting distributed AMP8000 drives to the control cabinet to just one cable, the cabinets can now be completely eliminated when using the AMP8620 supply module. Eliminating the need for a control cabinet further reduces the footprint and cabling requirements for the entire machine. Costly air conditioning equipment, which would otherwise be necessary to cool control cabinets, can also be eliminated.

The AMP8620 module connects directly to the mains supply. It contains all circuitry required for that purpose, such as mains filters, rectifiers and charging circuits for the integrated DC link capacitors. The supply module

enables the optional connection of additional distribution modules or distributed AMP8000 Servo Drives. It is also equipped with two EtherCAT P outputs, which can either supply EtherCAT P modules or connect to additional supply modules that may be required for motion system expansions. The safe 24 V power supply unit integrated in the supply module ensures that the logic power supply does not exceed the permissible level. The DC link capacitors integrated in the supply module store the regenerative energy of the entire system and then make it available again for acceleration processes. This ensures the most efficient usage of the energy supply.

AMP8620

Link to high res image:

https://download.beckhoff.com/download/press/2019/pictures/pr062019_Beckhoff.zip

Press picture:

Picture caption:

Drive technology entirely without control cabinets is possible with the new Beckhoff AMP8620 supply module in IP 65 protection.

Beckhoff Automation is a provider of advanced and open automation solutions based upon proven technologies for customers to implement high-performance control systems faster and at a lower overall cost than traditional PLC and motion control systems. Beckhoff's "New Automation Technology" product range includes PC-based control, industrial PCs, automation controllers, operator interfaces, I/O, servo drives and motors. With representation in more than 75 countries, Beckhoff is well positioned to provide global sales and service to its customers. Beckhoff sales and service

are handled directly, with no intermediaries involved for exceptional customer service and consultation.

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Send questions regarding "Beckhoff AMP8620 supply module" to:

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