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

Beckhoff Expands Power Supply Portfolio with Supplementary PS9xxx Modules

New buffer and redundancy modules for 24/48 V DC power supply increase system availability

SAVAGE, Minnesota, May 4, 2021 – The new PS9xxx buffer and redundancy modules extend the universal 24/48 V DC power supply series from Beckhoff. These new modules provide more efficient options to avoid machine and plant downtime and, as a result, increase system availability. With the supplementary PS9xxx modules, the PS power supply series and the CU81xx UPS series, Beckhoff offers a complete and coordinated range of solutions for reliable power supply in the 24 and 48 V DC range.

Buffer modules prevent power disturbances

The PS90xx buffer modules prevent disturbances caused by voltage dips and fluctuations in the electrical grid or by peak loads, so that the power supply units and connected loads can operate reliably and without failure. For this purpose, the buffer modules store energy via maintenance-free electrolytic capacitors and release it as required. In this way, power failures, for example, can be effectively bridged.

The buffer modules require no control wiring; they can be added in parallel to the load circuit at any point. In addition, multiple modules can be connected in parallel to provide more power or further increase the power failure bridging time.

Redundancy modules avoid system downtime

The PS94xx redundancy modules create a redundant fail-safe supply network. In such a system, two or more power supply units are connected in

parallel and decoupled by one or more redundancy modules. This prevents an output-side short circuit in one of the power supplies from short-circuiting the output voltage.

The redundancy modules use efficient MOSFET technology for decoupling, which reduces voltage drops and power dissipation. Accordingly, the devices have significantly lower power loss compared to conventional diode modules.

Beckhoff Power Supplies

Link to high res image:

https://download.beckhoff.com/download/press/2021/NorthAmerica/Beckhoff_PS9xxx_Buffer-Redundancy_Modules.zip

Press picture:

Picture caption:

The new PS9xxx buffer and redundancy modules from Beckhoff complement the PS power supply series to form a highly reliable overall system.

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 60 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.

# # #

Send questions regarding "PS9xxx Power Supply Modules" to:

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