

HM Cragg-Built Rotary Bypass

Single-Phase Maintenance Bypass Solutions

To support uninterrupted operation of single-phase UPS systems during maintenance, HM Cragg builds single-phase rotary maintenance bypass solutions engineered for seamless UPS integration. Our rotary bypasses provide a safe, make-before-break transfer path, enabling UPS isolation without disrupting connected loads. Pre-engineered, tested and ready for deployment, our bypasses simplify installation and instill confidence when UPS service is required.



Key Features

Make-Before-Break Rotary Switching

Ensures uninterrupted power to critical loads by maintaining a continuous electrical path during transfer. The bypass initiates a control signal that places the UPS into internal static bypass prior to transition.

UPS Static Bypass Command Signal

Interfaces directly with compatible UPS systems to safely manage transitions during maintenance without load interruption.

Rack-Mount or Wall-Mount

Compact mechanical design supports installation in standard equipment racks or wall-mounted configurations for maximum deployment flexibility.

Clear Power Path Status Indication

LED indicators provide immediate, at-a-glance confirmation of active power path and switch position during operation and maintenance.

Hardwired Line and Load Connections

Hardwire input and output terminations ensure secure, code-compliant integration into critical power infrastructure.

Matched Software UPS Connections

Pre-matched software cabling enables plug-and-play connectivity between the UPS and bypass, reducing installation time and minimizing wiring errors.

Applications

- Industrial control panels and manufacturing equipment
- Process automation and factory floor systems
- Security and surveillance systems
- Critical, single-phase input power environments, including replacements for obsolete Eaton Ferrups installations
- Network closets and edge computing
- Data rooms and IT infrastructure
- Healthcare facilities
- Financial services
- Education

UPS-to-Bypass Compatibility & Specifications

The following table outlines compatibility between supported UPS models and HM Cragg-built rotary bypass configurations, as well as specifications. All configurations are factory engineered and tested to ensure proper operation and seamless integration.

UPS Model	Compatible HM Cragg-Built Rotary Bypass	Voltage	Maximum Current Rating	Switching Type	Mounting
9PX700RT	HMSMBP1MBB	120V	30A	Make-Before-Break Rotary	Rack-Mount or Wall-Mount
9PX1000RT					
9PX1500RT					
9SX700					
9SX1000					
9SX1500					
9PX2000RT	HMSMBP2MBB				
9PX2000RTL					
9SX2000					
9PX3000RT	HMSMBP3MBB				
9PX3000RTL					
9SX3000					
9SX3000HW					
9PX5KG2	HMSMBP5MBB	240V (LLG or LLNG)			
9PX6KG2					
9PX6KG2-L					
9PX6KSP					
9PX6KSP	HMSMBP6MBB-SP				
9PX8K	HMSMBP11MBB	240VAC (LLG or LLNG)	63A		
9PX8KHW					
9PX8KSP					
9PX10KSP					
9PX11K					
9PX11KHW					

* Custom configurations are also available — contact us to discuss your specifications.



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