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Bypass Switch with Electrical Interlock

Wall Mount External Maintenance Bypass Switch



- Simple, safe and reliable means for bypassing UPS while maintaining continuity of power to critical AC loads
- Electrical interlock (with lock out) prevents accidental operation with non synchronized input and output; protecting downstream equipment
- Padlock safety feature to lock the switch in bypass mode during UPS service
- Electromechanical manual override feature, with key switch for emergency situations
- Auxiliary contacts for remote monitoring
- Seamless integration with Alpha AMPS HP2 systems

The external Maintenance Bypass switch allows you to manually transfer your connected equipment to utility power permitting scheduled maintenance, or complete UPS replacement, without power disruption.

The switch has two modes of operation, UPS mode and Bypass (maintenance bypass mode). During the UPS mode, the power is being routed through the UPS system. During the bypass mode of operation, power is routed around (bypassing) the UPS system with power being supplied to the connected load through the Maintenance Bypass switch. The system incorporates dry contact

monitoring of AMPS HP2 internal maintenance bypass switch with electrical interlock and prevents Maintenance Bypass switch activation if the internal AMPS HP2 maintenance bypass switch is not in bypass position. This provides exceptional load protection in the event of an unintentional transfer.

The switch can be used for the following applications:

- 120VAC single phase
- 120/240VAC split phase
- 120/208VAC 2 pole
- 120/208VAC three phase applications

Bypass Switch with Electrical Interlock

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Wall Mount External Maintenance Bypass Switch

Standard Features				
<ul style="list-style-type: none"> Rotary make-before-break bypass switch Padlock to lock the switch during maintenance UPS and Bypass Auxiliary dry contacts for monitoring Certified to UL 508A 				
Electrical				
Part Number	0200220-INT	0200221-INT	0200222-INT	0200223-INT
System Input Voltage:	120 Single Phase (or) 120/208VAC 2-Pole (or) 120/240VAC Split-Phase	120/208VAC 3-Phase	120/208VAC 2-Pole (or) 120/240VAC Split-Phase	120/208VAC 3-Phase
Current Rating (Amps):	100	100	200	250
Short Circuit Current Rating (Utility Feed kAIC):	5		10	
Switches*:	L1 & L2	L1, L2 & L3	L1 & L2	L1, L2 & L3
Internal Fuse (Utility Feed):	None		2 x 400A	3 x 400A
Monitoring				
UPS/Utility lamps, Electrical Interlock, Dry Contacts				
Mechanical				
Dimensions (H x W x D):	in: 20 x 20 x 11 mm: 508 x 508 x 279.4	in: 24 x 20 x 14 mm: 609.6 x 508 x 355.6	in: 36 x 30 x 14 mm: 914.4 x 762 x 355.6	in: 42 x 30 x 14 mm: 1066.8 x 762 x 355.6
Weight w. Pallet:	86lbs	109lbs	237lbs	288lbs
AC Connections:	#2 to 4/0 AWG	#2 to 4/0 AWG	#2 to 250mcm (dual) AWG	#1 to 500mcm (dual) AWG
Aux Connections:	#10-20 AWG			
Environmental				
Temperature:	Operating: -25 to 50°C (-13 to 122°F) Storage: -40 to 75°C (-40 to 167°F)			
Relative Humidity:	Up to 95%, non-condensing			
Altitude:	Operating: Up to 3,858 m (12,000 ft) above sea level Storage: Up to 4,572 m (15,000 ft) above sea level			
Agency Compliance				
Safety:	UL/CUL 508A			
SELECTION GUIDE				
	0200220-INT (100A, 2-Pole)	0200221-INT (100A, 3-Pole)	0200222-INT (200A, 2-Pole)	0200223-INT (250A, 3-Pole)
AMPS HP2 Medium 10 kVA:	X			
AMPS HP2 Medium 20 kVA:	X			
AMPS HP2 Medium 30 kVA:		X		
AMPS HP2 Large 40 kVA:			X	
AMPS HP2 Large 68kVA N+1:				X

*Neutral is not switched



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