

ABZ (See General Notes and Footnotes on Page 30)		AC DIGITAL POSITIONERS						DC DIGITAL POSITIONERS			
		STANDARD						STANDARD			
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)						Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)			
Actuator Model	Power Source	Feedback Signal None	Feedback Signal mA VDC	Feedback Signal mA VDC Aux Close Aux Open Fault Relays	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus	Feedback Signal None	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ05L ABZ09L	24VDC	_____	_____	_____	_____	_____	_____	DHC-400 MKT-153 POT-102	DHC-400 MKT-153 POT-102 OTX-101	DHC-400 MKT-153 POT-102 OTR-101	DHC-400 MKT-153 POT-102 OCM-102 (10)
	24VAC (order 24VDC Motor)	ADM-100C MTB-105 DHC-100B MKT-153 POT-102 (9)	ADM-100C MTB-105 DHC-100B MKT-153 POT-102 OTX-100 (9)	ADM-100C MTB-105 DHC-100B MKT-153 POT-102 OTR-100 (9)	ADM-100C MTB-105 DHC-100B MKT-153 POT-102 OTX-101 (9)	ADM-100C MTB-105 DHC-100B MKT-153 POT-102 OTR-101 (9)	ADM-100C MTB-105 DHC-100B MKT-153 POT-102 OCM-102 (9) (10)	_____	_____	_____	_____
	110VAC	DHC-100 MKT-153 POT-102	DHC-100 MKT-153 POT-102 OTX-100	DHC-100 MKT-153 POT-102 OTR-100	DHC-100 MKT-153 POT-102 OTX-101	DHC-100 MKT-153 POT-102 OTR-101	DHC-100 MKT-153 POT-102 OCM-102 (10)	_____	_____	_____	_____
	220VAC	DHC-100A MKT-153 POT-102	DHC-100A MKT-153 POT-102 OTX-100	DHC-100A MKT-153 POT-102 OTR-100	DHC-100A MKT-153 POT-102 OTX-101	DHC-100A MKT-153 POT-102 OTR-101	DHC-100A MKT-153 POT-102 OCM-102 (10)	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC ANALOG POSITIONERS											
		STANDARD						MINIATURE					
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer		
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ05L ABZ09L	24VDC	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	24VAC (order 24VDC Motor)	ADM-100C MTB-105 AMC-101E MKT-153 POT-102 (9)	ADM-100C MTB-105 AMC-101E MKT-153 POT-102 XMA-105 (9)	ADM-100C MTB-105 AMC-101E MKT-153 POT-102 XMA-106 (9)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	110VAC	AMC-100A MKT-153 POT-102	AMC-100A MKT-153 POT-102 XMA-105	AMC-100A MKT-153 POT-102 XMA-106	N/A	N/A	N/A	AMC-103 MKT-153 POT-102	AMC-103 MKT-153 POT-102 XMA-105	AMC-103 MKT-153 POT-102 XMA-106	N/A	N/A	N/A
	220VAC	AMC-100C MKT-153 POT-102	AMC-100C MKT-153 POT-102 XMA-105	AMC-100C MKT-153 POT-102 XMA-106	N/A	N/A	N/A	AMC-103A MKT-153 POT-102	AMC-103A MKT-153 POT-102 XMA-105	AMC-103A MKT-153 POT-102 XMA-106	N/A	N/A	N/A

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC LOG RATE POSITIONERS			DC ANALOG POSITIONERS					
		STANDARD			STANDARD				MINIATURE	
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108)			Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V includes selectable Log Rate function 0-135 ohm Slide Wire (add XMA-108)				Command Signal 4-20mA Only	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	without Current Trip		with Current Trip		without Current Trip	
					Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ05L ABZ09L	24VDC	_____	_____	_____	DMC-102 MKT-153 POT-102	DMC-102 MKT-153 POT-102 XMA-105	DMC-102A MKT-153 POT-102	DMC-102A MKT-153 POT-102 XMA-105	DMC-101 MKT-153 POT-102 (4)	DMC-101 MKT-153 POT-102 XMA-105 (4)
	24VAC (order 24VDC Motor)	ADM-100C MTB-105 LRC-101C,I MKT-153 POT-102 (9)	ADM-100C MTB-105 LRC-101C,I MKT-153 POT-102 XMA-105 (9)	ADM-100C MTB-105 LRC-101C,I MKT-153 POT-102 XMA-106 (9)	_____	_____	_____	_____	_____	_____
	110VAC	LRC-101A,G MKT-153 POT-102	LRC-101A,G MKT-153 POT-102 XMA-105	LRC-101A,G MKT-153 POT-102 XMA-106	_____	_____	_____	_____	_____	_____
	220VAC	LRC-101B,H MKT-153 POT-102	LRC-101B,H MKT-153 POT-102 XMA-105	LRC-101B,H MKT-153 POT-102 XMA-106	_____	_____	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		ON/OFF APPLICATIONS								TIMER ONLY APPLICATIONS			
		AC STANDARD			DC STANDARD				AC or DC	AC Repeat Cycle Timers	MINIATURE		
		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer			Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer with Adjustable Current Trip		Motor Converter Module		AC Sequence Timers	DC Sequence Timers	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA		Order Parts	Order Parts	Order Parts	Order Parts
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	
	24VDC	_____	_____	_____	DMI-100 MKT-153A	DMI-100 MKT-153 POT-102 XMA-105	DMI-100A MKT-153A	DMI-100A MKT-153 POT-102 XMA-105	ADM-100C MTB-105 (4)	_____	_____	DST-100A MKT-153A (4)	
ABZ05L ABZ09L	24VAC (order 24VDC Motor)	ADM-100C MTB-105 AMI-103B MKT-153A (9)	ADM-100C MTB-105 AMI-103B MKT-153 POT-102 XMA-105 (9)	ADM-100C MTB-105 AMI-103B MKT-153 POT-102 XMA-106 (9)	_____	_____	_____	_____	ADM-100C MTB-105 (9)	N/A	ADM-100C MTB-105 AST-100B MKT-153A (9)	_____	
	110VAC	AMI-103 MKT-153A	AMI-103 MKT-153 POT-102 XMA-105	AMI-103 MKT-153 POT-102 XMA-106	_____	_____	_____	_____	_____	N/A	AST-100 MKT-153A	_____	
	220VAC	AMI-103A MKT-153A	AMI-103A MKT-153 POT-102 XMA-105	AMI-103A MKT-153 POT-102 XMA-106	_____	_____	_____	_____	_____	N/A	AST-100A MKT-153A	_____	

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		FEEDBACK SIGNAL ONLY APPLICATIONS					
		1K Ohm Feedback Pot Only	4-20mA Feedback (2-wire)	4-20mA Feedback (3-wire)	4-20mA Feedback Powered	0-5V 0-10V Feedback (3-wire)	0-5V 0-10V Feedback Powered
Actuator Model	Power Source	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ05L ABZ09L	24VDC	MKT-153 POT-102 (7)	MKT-153 POT-102 XMA-107	MKT-153 POT-102 XMA-105	_____	MKT-153 POT-102 XMA-106	_____
	24VAC (order 24VDC Motor)	ADM-100C MTB-105 MKT-153 POT-102 (7) (9)	ADM-100C MTB-105 MKT-153 POT-102 XMA-107 (9)	ADM-100C MTB-105 MKT-153 POT-102 XMA-105 (9)	N/A	ADM-100C MTB-105 MKT-153 POT-102 XMA-106 (9)	N/A
	110VAC	MKT-153 POT-102 (7)	MKT-153 POT-102 XMA-107	MKT-153 POT-102 XMA-105	MKT-153 POT-102 XMA-105 PWR-102	MKT-153 POT-102 XMA-106	MKT-153 POT-102 XMA-106 PWR-102
	220VAC	MKT-153 POT-102 (7)	MKT-153 POT-102 XMA-107	MKT-153 POT-102 XMA-105	MKT-153 POT-102 XMA-105 PWR-102A	MKT-153 POT-102 XMA-106	MKT-153 POT-102 XMA-106 PWR-102A

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC DIGITAL POSITIONERS						DC DIGITAL POSITIONERS			
		STANDARD						STANDARD			
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)						Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)			
Actuator Model	Power Source	Feedback Signal None	Feedback Signal mA VDC	Feedback Signal mA VDC Aux Close Aux Open Fault Relays	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus	Feedback Signal None	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ006B ABZ009B	24VDC	_____	_____	_____	_____	_____	_____	DHC-400 MKT-195 POT-102	DHC-400 MKT-195 POT-102 OTX-101	DHC-400 MKT-195 POT-102 OTR-101	DHC-400 MKT-195 POT-102 OCM-102 (10)
	24VAC (order 24VDC Motor)	ADM-100C DHC-100B MKT-195 POT-102	ADM-100C DHC-100B MKT-195 POT-102 OTX-100	ADM-100C DHC-100B MKT-195 POT-102 OTR-100	ADM-100C DHC-100B MKT-195 POT-102 OTX-101	ADM-100C DHC-100B MKT-195 POT-102 OTR-101	ADM-100C DHC-100B MKT-195 POT-102 OCM-102 (10)	_____	_____	_____	_____
	110VAC	DHC-100 MKT-195 POT-102	DHC-100 MKT-195 POT-102 OTX-100	DHC-100 MKT-195 POT-102 OTR-100	DHC-100 MKT-195 POT-102 OTX-101	DHC-100 MKT-195 POT-102 OTR-101	DHC-100 MKT-195 POT-102 OCM-102 (10)	_____	_____	_____	_____
	220VAC	DHC-100A MKT-195 POT-102	DHC-100A MKT-195 POT-102 OTX-100	DHC-100A MKT-195 POT-102 OTR-100	DHC-100A MKT-195 POT-102 OTX-101	DHC-100A MKT-195 POT-102 OTR-101	DHC-100A MKT-195 POT-102 OCM-102 (10)	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC ANALOG POSITIONERS											
		STANDARD						MINIATURE					
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer		
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ006B ABZ009B	24VDC	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	24VAC (order 24VDC Motor)	ADM-100C AMC-101E MKT-195 POT-102	ADM-100C AMC-101E MKT-195 POT-102 XMA-105	ADM-100C AMC-101E MKT-195 POT-102 XMA-106	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	110VAC	AMC-100A MKT-195 POT-102	AMC-100A MKT-195 POT-102 XMA-105	AMC-100A MKT-195 POT-102 XMA-106	N/A	N/A	N/A	AMC-103 MKT-194 POT-102	AMC-103 MKT-194 POT-102 XMA-105	AMC-103 MKT-194 POT-102 XMA-106	N/A	N/A	N/A
	220VAC	AMC-100C MKT-195 POT-102	AMC-100C MKT-195 POT-102 XMA-105	AMC-100C MKT-195 POT-102 XMA-106	N/A	N/A	N/A	AMC-103A MKT-194 POT-102	AMC-103A MKT-194 POT-102 XMA-105	AMC-103A MKT-194 POT-102 XMA-106	N/A	N/A	N/A

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC LOG RATE POSITIONERS			DC ANALOG POSITIONERS					
		STANDARD			STANDARD				MINIATURE	
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108)			Command Signal 4-20mA / 0-10V/ 2-10V / 0-5V / 1-5V includes selectable Log Rate function 0-135 ohm Slide Wire (add XMA-108)				Command Signal 4-20mA Only	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	without Current Trip		with Current Trip		without Current Trip	
					Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ006B ABZ009B	24VDC	_____	_____	_____	DMC-102 MKT-195 POT-102	DMC-102 MKT-195 POT-102 XMA-105	DMC-102A MKT-195 POT-102	DMC-102A MKT-195 POT-102 XMA-105	DMC-101 MKT-194 POT-102	DMC-101 MKT-194 POT-102 XMA-105
	24VAC (order 24VDC Motor)	ADM-100C LRC-101C,I MKT-195 POT-102	ADM-100C LRC-101C,I MKT-195 POT-102 XMA-105 (1)	ADM-100C LRC-101C,I MKT-195 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
	110VAC	LRC-101A,G MKT-195 POT-102	LRC-101A,G MKT-195 POT-102 XMA-105 (1)	LRC-101A,G MKT-195 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
	220VAC	LRC-101B,H MKT-195 POT-102	LRC-101B,H MKT-195 POT-102 XMA-105 (1)	LRC-101B,H MKT-195 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		ON/OFF APPLICATIONS								TIMER ONLY APPLICATIONS			
		AC STANDARD			DC STANDARD				AC or DC	Motor Converter Module	AC Repeat Cycle Timers	MINIATURE	
		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer			Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer with Adjustable Current Trip					AC Sequence Timers	DC Sequence Timers
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA	Order Parts	Order Parts	Order Parts	Order Parts	
	24VDC	_____	_____	_____	DMI-100 MKT-195A	DMI-100 MKT-195 POT-102 XMA-105	DMI-100A MKT-195A	DMI-100A MKT-195 POT-102 XMA-105	ADM-100C MKT-194A (8)	_____	_____	DST-100A MKT-194A	
ABZ006B ABZ009B	24VAC (order 24VDC Motor)	ADM-100C AMI-103B MKT-195A	ADM-100C AMI-103B MKT-195 POT-102 XMA-105	ADM-100C AMI-103B MKT-195 POT-102 XMA-106	_____	_____	_____	_____	ADM-100C MKT-194A (8)	N/A	N/A	_____	
	110VAC	AMI-103 MKT-195A	AMI-103 MKT-195 POT-102 XMA-105	AMI-103 MKT-195 POT-102 XMA-106	_____	_____	_____	_____	_____	RCT-101	AST-100 MKT-194A	_____	
	220VAC	AMI-103A MKT-195A	AMI-103A MKT-195 POT-102 XMA-105	AMI-103A MKT-195 POT-102 XMA-106	_____	_____	_____	_____	_____	RCT-101A	AST-100A MKT-194A	_____	

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		FEEDBACK SIGNAL ONLY APPLICATIONS					
		1K Ohm Feedback Pot Only	4-20mA Feedback (2-wire)	4-20mA Feedback (3-wire)	4-20mA Feedback Powered	0-5V 0-10V Feedback (3-wire)	0-5V 0-10V Feedback Powered
Actuator Model	Power Source	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ006B ABZ009B	24VDC	MKT-194 POT-102 (7) (8)	MKT-194 POT-102 XMA-107 (8)	MKT-194 POT-102 XMA-105 (8)	_____	MKT-194 POT-102 XMA-106 (8)	_____
	24VAC (order 24VDC Motor)	ADM-100C MKT-194 POT-102 (7) (8)	ADM-100C MKT-194 POT-102 XMA-107 (8)	ADM-100C MKT-194 POT-102 XMA-105 (8)	N/A	ADM-100C MKT-194 POT-102 XMA-106 (8)	N/A
	110VAC	MKT-194 POT-102 (7) (8)	MKT-194 POT-102 XMA-107 (8)	MKT-194 POT-102 XMA-105 (8)	MKT-195 POT-102 XMA-105 PWR-102	MKT-194 POT-102 XMA-106 (8)	MKT-195 POT-102 XMA-106 PWR-102
	220VAC	MKT-194 POT-102 (7) (8)	MKT-194 POT-102 XMA-107 (8)	MKT-194 POT-102 XMA-105 (8)	MKT-195 POT-102 XMA-105 PWR-102A	MKT-194 POT-102 XMA-106 (8)	MKT-195 POT-102 XMA-106 PWR-102A

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC DIGITAL POSITIONERS						DC DIGITAL POSITIONERS			
		STANDARD						STANDARD			
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)						Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)			
Actuator Model	Power Source	Feedback Signal None	Feedback Signal mA VDC	Feedback Signal mA VDC Aux Close Aux Open Fault Relays	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus	Feedback Signal None	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ015B ABZ019B	24VDC	_____	_____	_____	_____	_____	_____	DHC-400 MKT-193 POT-102	DHC-400 MKT-193 POT-102 OTX-101	DHC-400 MKT-193 POT-102 OTR-101	DHC-400 MKT-193 POT-102 OCM-102 (10)
	24VAC (order 24VDC Motor)	MTB-108 ADM-100C DHC-100B MKT-193 POT-102	MTB-108 ADM-100C DHC-100B MKT-193 POT-102 OTX-100	MTB-108 ADM-100C DHC-100B MKT-193 POT-102 OTR-100	MTB-108 ADM-100C DHC-100B MKT-193 POT-102 OTX-101	MTB-108 ADM-100C DHC-100B MKT-193 POT-102 OTR-101	MTB-108 ADM-100C DHC-100B MKT-193 POT-102 OCM-102 (10)	_____	_____	_____	_____
	110VAC	DHC-100 MKT-193 POT-102	DHC-100 MKT-193 POT-102 OTX-100	DHC-100 MKT-193 POT-102 OTR-100	DHC-100 MKT-193 POT-102 OTX-101	DHC-100 MKT-193 POT-102 OTR-101	DHC-100 MKT-193 POT-102 OCM-102 (10)	_____	_____	_____	_____
	220VAC	DHC-100A MKT-193 POT-102	DHC-100A MKT-193 POT-102 OTX-100	DHC-100A MKT-193 POT-102 OTR-100	DHC-100A MKT-193 POT-102 OTX-101	DHC-100A MKT-193 POT-102 OTR-101	DHC-100A MKT-193 POT-102 OCM-102 (10)	_____	_____	_____	_____
	3-Phase 440VAC 380VAC 230VAC	DHC-301 MKT-198 POT-102 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTX-100 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTR-100 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTX-101 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTR-101 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OCM-102 SSD-100 XFR-100 (2) (10)	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC ANALOG POSITIONERS											
		STANDARD						MINIATURE					
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer		
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ015B ABZ019B	24VDC	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	24VAC (order 24VDC Motor)	MTB-108 ADM-100C AMC-101E MKT-193 POT-102	MTB-108 ADM-100C AMC-101E MKT-193 POT-102 XMA-105	MTB-108 ADM-100C AMC-101E MKT-193 POT-102 XMA-106	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	110VAC	AMC-101A MKT-193 POT-102	AMC-101A MKT-193 POT-102 XMA-105	AMC-101A MKT-193 POT-102 XMA-106	AMC-101A MKT-193 POT-102 RCT-101 MTB-102	AMC-101A MKT-193 POT-102 RCT-101 MTB-102 XMA-105	AMC-101A MKT-193 POT-102 RCT-101 MTB-102 XMA-106	AMC-103 MKT-193 POT-102	AMC-103 MKT-193 POT-102 XMA-105	AMC-103 MKT-193 POT-102 XMA-106	AMC-103 MKT-193 POT-102 MTB-102	AMC-103 MKT-193 POT-102 RCT-101 MTB-102 XMA-105	AMC-103 MKT-193 POT-102 RCT-101 MTB-102 XMA-106
	220VAC	AMC-101C MKT-193 POT-102	AMC-101C MKT-193 POT-102 XMA-105	AMC-101C MKT-193 POT-102 XMA-106	AMC-101C MKT-193 POT-102 RCT-101A MTB-102	AMC-101C MKT-193 POT-102 RCT-101A MTB-102 XMA-105	AMC-101C MKT-193 POT-102 RCT-101A MTB-102 XMA-106	AMC-103A MKT-193 POT-102	AMC-103A MKT-193 POT-102 XMA-105	AMC-103A MKT-193 POT-102 XMA-106	AMC-103A MKT-193 POT-102 RCT-101A MTB-102	AMC-103A MKT-193 POT-102 RCT-101A MTB-102 XMA-105	AMC-103A MKT-193 POT-102 RCT-101A MTB-102 XMA-106
	3-Phase 440VAC 380VAC 230VAC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC LOG RATE POSITIONERS			DC ANALOG POSITIONERS					
		STANDARD			STANDARD				MINIATURE	
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108)			Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V includes selectable Log Rate function 0-135 ohm Slide Wire (add XMA-108)				Command Signal 4-20mA Only	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	without Current Trip		with Current Trip		without Current Trip	
					Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ015B ABZ019B	24VDC	_____	_____	_____	DMC-102 MKT-193 POT-102	DMC-102 MKT-193 POT-102 XMA-105	DMC-102A MKT-193 POT-102	DMC-102A MKT-193 POT-102 XMA-105	N/A	N/A
	24VAC (order 24VDC Motor)	MTB-108 ADM-100C LRC-101C,I MKT-193 POT-102	MTB-108 ADM-100C LRC-101C,I MKT-193 POT-102 XMA-105 (1)	MTB-108 ADM-100C LRC-101C,I MKT-193 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
	110VAC	LRC-101A,G MKT-193 POT-102	LRC-101A,G MKT-193 POT-102 XMA-105 (1)	LRC-101A,G MKT-193 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
	220VAC	LRC-101B,H MKT-193 POT-102	LRC-101B,H MKT-193 POT-102 XMA-105 (1)	LRC-101B,H MKT-193 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
	3-Phase 440VAC 380VAC 230VAC	N/A	N/A	N/A	_____	_____	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		ON/OFF APPLICATIONS								TIMER ONLY APPLICATIONS			
		AC STANDARD			DC STANDARD				AC or DC	AC Repeat Cycle Timers	MINIATURE		
		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer			Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer with Adjustable Current Trip		Motor Converter Module		AC Sequence Timers	DC Sequence Timers	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA		Order Parts	Order Parts	Order Parts	Order Parts
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	
ABZ015B ABZ019B	24VDC	_____	_____	_____	DMI-100 MKT-193A	DMI-100 MKT-193 POT-102 XMA-105	DMI-100A MKT-193A	DMI-100A MKT-193 POT-102 XMA-105	MTB-108 ADM-100C	_____	_____	N/A	
	24VAC (order 24VDC Motor)	MTB-108 ADM-100C AMI-103B MKT-193A	MTB-108 ADM-100C AMI-103B MKT-193 POT-102 XMA-105	MTB-108 ADM-100C AMI-103B MKT-193 POT-102 XMA-106	_____	_____	_____	_____	MTB-108 ADM-100C	MTB-108 ADM-100C RCT-101B	N/A	_____	
	110VAC	AMI-103 MKT-193A	AMI-103 MKT-193 POT-102 XMA-105	AMI-103 MKT-193 POT-102 XMA-106	_____	_____	_____	_____	_____	RCT-101	AST-100 MKT-193A	_____	
	220VAC	AMI-103A MKT-193A	AMI-103A MKT-193 POT-102 XMA-105	AMI-103A MKT-193 POT-102 XMA-106	_____	_____	_____	_____	_____	RCT-101A	AST-100A MKT-193A	_____	
	3-Phase 440VAC 380VAC 230VAC	AMI-104 MKT-198 SSD-100 XFR-100 (2)	AMI-104 MKT-198 POT-102 XMA-105 SSD-100 XFR-100 (2)	AMI-104 MKT-198 POT-102 XMA-106 SSD-100 XFR-100 (2)	_____	_____	_____	_____	_____	N/A	N/A	_____	

ABZ (See General Notes and Footnotes on Page 30)		FEEDBACK SIGNAL ONLY APPLICATIONS					
		1K Ohm Feedback Pot Only	4-20mA Feedback (2-wire)	4-20mA Feedback (3-wire)	4-20mA Feedback Powered	0-5V 0-10V Feedback (3-wire)	0-5V 0-10V Feedback Powered
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
Actuator Model	Power Source						
ABZ015B ABZ019B	24VDC	MKT-193 POT-102 (7)	MKT-193 POT-102 XMA-107	MKT-193 POT-102 XMA-105	_____	MKT-193 POT-102 XMA-106	_____
	24VAC (order 24VDC Motor)	MTB-108 ADM-100C MKT-193 POT-102 (7)	MTB-108 ADM-100C MKT-193 POT-102 XMA-107	MTB-108 ADM-100C MKT-193 POT-102 XMA-105	N/A	MTB-108 ADM-100C MKT-193 POT-102 XMA-106	N/A
	110VAC	MKT-193 POT-102 (7)	MKT-193 POT-102 XMA-107	MKT-193 POT-102 XMA-105	MKT-193 POT-102 XMA-105 PWR-102	MKT-193 POT-102 XMA-106	MKT-193 POT-102 XMA-106 PWR-102
	220VAC	MKT-193 POT-102 (7)	MKT-193 POT-102 XMA-107	MKT-193 POT-102 XMA-105	MKT-193 POT-102 XMA-105 PWR-102A	MKT-193 POT-102 XMA-106	MKT-193 POT-102 XMA-106 PWR-102A
	3-Phase 440VAC 380VAC 230VAC	MKT-193 POT-102 (7)	MKT-193 POT-102 XMA-107	MKT-193 POT-102 XMA-105	N/A	MKT-193 POT-102 XMA-106	N/A

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC DIGITAL POSITIONERS						DC DIGITAL POSITIONERS			
		STANDARD						STANDARD			
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)						Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)			
Actuator Model	Power Source	Feedback Signal None	Feedback Signal mA VDC	Feedback Signal mA VDC Aux Close Aux Open Fault Relays	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus	Feedback Signal None	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ028B	24VDC	_____	_____	_____	_____	_____	_____	DHC-400 MKT-196 POT-102	DHC-400 MKT-196 POT-102 OTX-101	DHC-400 MKT-196 POT-102 OTR-101	DHC-400 MKT-196 POT-102 OCM-102 (10)
	24VAC (order 24VDC Motor)	MTB-108 ADM-100C DHC-100B MKT-196 POT-102	MTB-108 ADM-100C DHC-100B MKT-196 POT-102 OTX-100	MTB-108 ADM-100C DHC-100B MKT-196 POT-102 OTR-100	MTB-108 ADM-100C DHC-100B MKT-196 POT-102 OTX-101	MTB-108 ADM-100C DHC-100B MKT-196 POT-102 OTR-101	MTB-108 ADM-100C DHC-100B MKT-196 POT-102 OCM-102 (10)	_____	_____	_____	_____
ABZ028B ABZ038B ABZ050B ABZ070B ABZ080B ABZ100B ABZ150B ABZ200B ABZ250B	110VAC	DHC-100 MKT-196 POT-102	DHC-100 MKT-196 POT-102 OTX-100	DHC-100 MKT-196 POT-102 OTR-100	DHC-100 MKT-196 POT-102 OTX-101	DHC-100 MKT-196 POT-102 OTR-101	DHC-100 MKT-196 POT-102 OTR-101	_____	_____	_____	_____
	220VAC	DHC-100A MKT-196 POT-102	DHC-100A MKT-196 POT-102 OTX-100	DHC-100A MKT-196 POT-102 OTR-100	DHC-100A MKT-196 POT-102 OTX-101	DHC-100A MKT-196 POT-102 OTR-101	DHC-100A MKT-196 POT-102 OCM-102 (10)	_____	_____	_____	_____
	3-Phase 440VAC 380VAC 230VAC	DHC-301 MKT-198 POT-102 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTX-100 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTR-100 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTX-101 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTR-101 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OCM-102 SSD-100 XFR-100 (2) (10)	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC ANALOG POSITIONERS											
		STANDARD						MINIATURE					
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer		
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ028B	24VDC	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	24VAC (order 24VDC Motor)	MTB-108 ADM-100C AMC-101E MKT-196 POT-102	MTB-108 ADM-100C AMC-101E MKT-196 POT-102 XMA-105	MTB-108 ADM-100C AMC-101E MKT-196 POT-102 XMA-106	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ABZ028B ABZ038B ABZ050B ABZ070B ABZ080B ABZ100B ABZ150B ABZ200B ABZ250B	110VAC	AMC-101A MKT-196 POT-102	AMC-101A MKT-196 POT-102 XMA-105	AMC-101A MKT-196 POT-102 XMA-106	AMC-101A MKT-196 POT-102 RCT-101	AMC-101A MKT-196 POT-102 RCT-101 XMA-105	AMC-101A MKT-196 POT-102 RCT-101 XMA-106	AMC-103 MKT-196 POT-102 (5)	AMC-103 MKT-196 POT-102 XMA-105 (5)	AMC-103 MKT-196 POT-102 XMA-106 (5)	N/A	N/A	N/A
	220VAC	AMC-101C MKT-196 POT-102	AMC-101C MKT-196 POT-102 XMA-105	AMC-101C MKT-196 POT-102 XMA-106	AMC-101C MKT-196 POT-102 RCT-101A	AMC-101C MKT-196 POT-102 RCT-101A XMA-105	AMC-101C MKT-196 POT-102 RCT-101A XMA-106	AMC-103A MKT-196 POT-102 (6)	AMC-103A MKT-196 POT-102 XMA-105 (6)	AMC-103A MKT-196 POT-102 XMA-106 (6)	AMC-103A MKT-196 POT-102 RCT-101A (6)	AMC-103A MKT-196 POT-102 RCT-101A XMA-105 (6)	AMC-103A MKT-196 POT-102 RCT-101A XMA-106 (6)
	3-Phase 440VAC 380VAC 230VAC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC LOG RATE POSITIONERS			DC ANALOG POSITIONERS					
		STANDARD			STANDARD				MINIATURE	
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108)			Command Signal 4-20mA / 0-10V/ 2-10V / 0-5V / 1-5V includes selectable Log Rate function 0-135 ohm Slide Wire (add XMA-108)				Command Signal 4-20mA Only	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	without Current Trip		with Current Trip		without Current Trip	
					Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ028B	24VDC	_____	_____	_____	DMC-102 MKT-196 POT-102	DMC-102 MKT-196 POT-102 XMA-105	DMC-102A MKT-196 POT-102	DMC-102A MKT-196 POT-102 XMA-105	N/A	N/A
	24VAC (order 24VDC Motor)	MTB-108 ADM-100C LRC-101C,I MKT-196 POT-102	MTB-108 ADM-100C LRC-101C,I MKT-196 POT-102 XMA-105 (1)	MTB-108 ADM-100C LRC-101C,I MKT-196 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
ABZ028B ABZ038B ABZ050B ABZ070B ABZ080B ABZ100B ABZ150B ABZ200B ABZ250B	110VAC	LRC-101A,G MKT-196 POT-102	LRC-101A,G MKT-196 POT-102 XMA-105 (1)	LRC-101A,G MKT-196 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
	220VAC	LRC-101B,H MKT-196 POT-102	LRC-101B,H MKT-196 POT-102 XMA-105 (1)	LRC-101B,H MKT-196 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
	3-Phase 440VAC 380VAC 230VAC	N/A	N/A	N/A	_____	_____	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		ON/OFF APPLICATIONS								TIMER ONLY APPLICATIONS			
		AC STANDARD			DC STANDARD				AC or DC	AC Repeat Cycle Timers	MINIATURE		
		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer			Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer with Adjustable Current Trip		Motor Converter Module		AC Sequence Timers	DC Sequence Timers	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA		Order Parts	Order Parts	Order Parts	Order Parts
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	
ABZ028B	24VDC	_____	_____	_____	DMI-100 MKT-196A	DMI-100 MKT-196 POT-102 XMA-105	DMI-100A MKT-196A	DMI-100A MKT-196 POT-102 XMA-105	MTB-108 ADM-100C	_____	_____	N/A	
	24VAC (order 24VDC Motor)	MTB-108 ADM-100C AMI-103B MKT-196A	MTB-108 ADM-100C AMI-103B MKT-196 POT-102 XMA-105	MTB-108 ADM-100C AMI-103B MKT-196 POT-102 XMA-106	_____	_____	_____	_____	MTB-108 ADM-100C	MTB-108 ADM-100C RCT-101B	N/A	_____	
ABZ028B ABZ038B ABZ050B ABZ070B ABZ080B ABZ100B ABZ150B ABZ200B ABZ250B	110VAC	AMI-103 MKT-196A	AMI-103 MKT-196 POT-102 XMA-105	AMI-103 MKT-196 POT-102 XMA-106	_____	_____	_____	_____	_____	RCT-101	AST-100 MKT-196A (5)	_____	
	220VAC	AMI-103A MKT-196A	AMI-103A MKT-196 POT-102 XMA-105	AMI-103A MKT-196 POT-102 XMA-106	_____	_____	_____	_____	_____	RCT-101A	AST-100A MKT-196A (6)	_____	
	3-Phase 440VAC 380VAC 230VAC	AMI-104 MKT-198 SSD-100 XFR-100 (2)	AMI-104 MKT-198 POT-102 XMA-105 SSD-100 XFR-100 (2)	AMI-104 MKT-198 POT-102 XMA-106 SSD-100 XFR-100 (2)	_____	_____	_____	_____	_____	N/A	N/A	_____	

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		FEEDBACK SIGNAL ONLY APPLICATIONS					
		1K Ohm Feedback Pot Only	4-20mA Feedback (2-wire)	4-20mA Feedback (3-wire)	4-20mA Feedback Powered	0-5V 0-10V Feedback (3-wire)	0-5V 0-10V Feedback Powered
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
Actuator Model	Power Source						
ABZ028B	24VDC	MKT-196 POT-102 (7)	MKT-196 POT-102 XMA-107	MKT-196 POT-102 XMA-105	_____	MKT-196 POT-102 XMA-106	_____
	24VAC (order 24VDC Motor)	MTB-108 ADM-100C MKT-196 POT-102 (7)	MTB-108 ADM-100C MKT-196 POT-102 XMA-107	MTB-108 ADM-100C MKT-196 POT-102 XMA-105	N/A	MTB-108 ADM-100C MKT-196 POT-102 XMA-106	N/A
ABZ028B ABZ038B ABZ050B ABZ070B ABZ080B ABZ100B ABZ150B ABZ200B ABZ250B	110VAC	MKT-196 POT-102 (7)	MKT-196 POT-102 XMA-107	MKT-196 POT-102 XMA-105	MKT-196 POT-102 XMA-105 PWR-102	MKT-196 POT-102 XMA-106	MKT-196 POT-102 XMA-106 PWR-102
	220VAC	MKT-196 POT-102 (7)	MKT-196 POT-102 XMA-107	MKT-196 POT-102 XMA-105	MKT-196 POT-102 XMA-105 PWR-102A	MKT-196 POT-102 XMA-106	MKT-196 POT-102 XMA-106 PWR-102A
	3-Phase 440VAC 380VAC 230VAC	MKT-196 POT-102 (7)	MKT-196 POT-102 XMA-107	MKT-196 POT-102 XMA-105	N/A	MKT-196 POT-102 XMA-106	N/A

ABZ (See General Notes and Footnotes on Page 30)		AC DIGITAL POSITIONERS						DC DIGITAL POSITIONERS			
		STANDARD						STANDARD			
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)						Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)			
Actuator Model	Power Source	Feedback Signal None	Feedback Signal mA VDC	Feedback Signal mA VDC Aux Close Aux Open Fault Relays	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus	Feedback Signal None	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ300 ABZ350	110VAC	DHC-100 MKT-197 POT-102	DHC-100 MKT-197 POT-102 OTX-100	DHC-100 MKT-197 POT-102 OTR-100	DHC-100 MKT-197 POT-102 OTX-101	DHC-100 MKT-197 POT-102 OTR-101	DHC-100 MKT-197 POT-102 OCM-102 (10)	_____	_____	_____	_____
	220VAC	DHC-100A MKT-197 POT-102	DHC-100A MKT-197 POT-102 OTX-100	DHC-100A MKT-197 POT-102 OTR-100	DHC-100A MKT-197 POT-102 OTX-101	DHC-100A MKT-197 POT-102 OTR-101	DHC-100A MKT-197 POT-102 OCM-102 (10)	_____	_____	_____	_____
	3-Phase 440VAC 380VAC 230VAC	DHC-301 MKT-198 POT-102 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTX-100 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTR-100 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTX-101 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTR-101 SSD-100 XFR-100 (2)	DHC-301 MKT-198 POT-102 OTR-101 SSD-100 XFR-100 (2) (10)	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC ANALOG POSITIONERS											
		STANDARD						MINIATURE					
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer		
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ300 ABZ350	110VAC	AMC-101A MKT-197 POT-102	AMC-101A MKT-197 POT-102 XMA-105	AMC-101A MKT-197 POT-102 XMA-106	AMC-101A MKT-197 POT-102 RCT-101	AMC-101A MKT-197 POT-102 RCT-101 XMA-105	AMC-101A MKT-197 POT-102 RCT-101 XMA-106	N/A	N/A	N/A	N/A	N/A	N/A
	220VAC	AMC-101C MKT-197 POT-102	AMC-101C MKT-197 POT-102 XMA-105	AMC-101C MKT-197 POT-102 XMA-106	AMC-101C MKT-197 POT-102 RCT-101A	AMC-101C MKT-197 POT-102 RCT-101A XMA-105	AMC-101C MKT-197 POT-102 RCT-101A XMA-106	N/A	N/A	N/A	N/A	N/A	N/A
	3-Phase 440VAC 380VAC 230VAC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC LOG RATE POSITIONERS			DC ANALOG POSITIONERS					
		STANDARD			STANDARD				MINIATURE	
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108)			Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V includes selectable Log Rate function 0-135 ohm Slide Wire (add XMA-108)				Command Signal 4-20mA Only	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	without Current Trip		with Current Trip		without Current Trip	
					Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ300 ABZ350	110VAC	LRC-101A,G MKT-197 POT-102	LRC-101A,G MKT-197 POT-102 XMA-105 (1)	LRC-101A,G MKT-197 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
	220VAC	LRC-101B,H MKT-197 POT-102	LRC-101B,H MKT-197 POT-102 XMA-105 (1)	LRC-101B,H MKT-197 POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
	3-Phase 440VAC 380VAC 230VAC	N/A	N/A	N/A	_____	_____	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		ON/OFF APPLICATIONS								TIMER ONLY APPLICATIONS			
		AC STANDARD			DC STANDARD				AC or DC	AC Repeat Cycle Timers	MINIATURE		
		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer			Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer with Adjustable Current Trip		Motor Converter Module		AC Sequence Timers	DC Sequence Timers	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA		Order Parts	Order Parts	Order Parts	Order Parts
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	
ABZ300 ABZ350	110VAC	AMI-103 MKT-197A	AMI-103 MKT-197 POT-102 XMA-105	AMI-103 MKT-197 POT-102 XMA-106	_____	_____	_____	_____	_____	RCT-101	N/A	_____	
	220VAC	AMI-103A MKT-197A	AMI-103A MKT-197 POT-102 XMA-105	AMI-103A MKT-197 POT-102 XMA-106	_____	_____	_____	_____	_____	RCT-101A	N/A	_____	
	3-Phase 440VAC 380VAC 230VAC	AMI-104 MKT-198 SSD-100 XFR-100 (2)	AMI-104 MKT-198 POT-102 XMA-105 SSD-100 XFR-100 (2)	AMI-104 MKT-198 POT-102 XMA-106 SSD-100 XFR-100 (2)	_____	_____	_____	_____	_____	N/A	N/A	_____	

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		FEEDBACK SIGNAL ONLY APPLICATIONS					
		1K Ohm Feedback Pot Only	4-20mA Feedback (2-wire)	4-20mA Feedback (3-wire)	4-20mA Feedback Powered	0-5V 0-10V Feedback (3-wire)	0-5V 0-10V Feedback Powered
Actuator Model	Power Source	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
ABZ300 ABZ350	110VAC	MKT-197 POT-102 (7)	MKT-197 POT-102 XMA-107	MKT-197 POT-102 XMA-105	MKT-197 POT-102 XMA-105 PWR-102	MKT-197 POT-102 XMA-106	MKT-197 POT-102 XMA-106 PWR-102
	220VAC	MKT-197 POT-102 (7)	MKT-197 POT-102 XMA-107	MKT-197 POT-102 XMA-105	MKT-197 POT-102 XMA-105 PWR-102A	MKT-197 POT-102 XMA-106	MKT-197 POT-102 XMA-106 PWR-102A
	3-Phase 440VAC 380VAC 230VAC	MKT-197 POT-102 (7)	MKT-197 POT-102 XMA-107	MKT-197 POT-102 XMA-105	N/A	MKT-197 POT-102 XMA-106	N/A

ABZ (See General Notes and Footnotes on Page 30)		AC DIGITAL POSITIONERS						DC DIGITAL POSITIONERS			
		STANDARD						STANDARD			
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)						Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108) Modbus (Modbus Feedback Signal only)			
Actuator Model	Power Source	Feedback Signal None	Feedback Signal mA VDC	Feedback Signal mA VDC Aux Close Aux Open Fault Relays	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus	Feedback Signal None	Feedback Signal 4-20mA (2-wire) Isolated	Feedback Signal 4-20mA (2-wire) Isolated Aux Close Aux Open Fault Relays	Feedback Signal Modbus
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
E430 E860 E1730 E2600 (3)	24VDC	_____	_____	_____	_____	_____	_____	DHC-400 MKT-xxx POT-102	DHC-400 MKT-xxx POT-102 OTX-101	DHC-400 MKT-xxx POT-102 OTR-101	DHC-400 MKT-xxx POT-102 OCM-102 (10)
	110VAC	DHC-100 MKT-xxx POT-102	DHC-100 MKT-xxx POT-102 OTX-100	DHC-100 MKT-xxx POT-102 OTR-100	DHC-100 MKT-xxx POT-102 OTX-101	DHC-100 MKT-xxx POT-102 OTR-101	DHC-100 MKT-xxx POT-102 OCM-102 (10)	_____	_____	_____	_____
	220VAC	DHC-100A MKT-xxx POT-102	DHC-100A MKT-xxx POT-102 OTX-100	DHC-100A MKT-xxx POT-102 OTR-100	DHC-100A MKT-xxx POT-102 OTX-101	DHC-100A MKT-xxx POT-102 OTR-101	DHC-100A MKT-xxx POT-102 OCM-102 (10)	_____	_____	_____	_____

ABZ (See General Notes and Footnotes on Page 30)		AC ANALOG POSITIONERS											
		STANDARD						MINIATURE					
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V			Command Signal 4-20mA / 0-10V / 0-5V / 1-5V with Repeat Cycle Timer		
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
E430 E860 E1730 E2600 (3)	24VDC	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	110VAC	AMC-101A MKT-xxx POT-102	AMC-101A MKT-xxx POT-102 XMA-105	AMC-101A MKT-xxx POT-102 XMA-106	AMC-101A MKT-xxx POT-102 RCT-101	AMC-101A MKT-xxx POT-102 RCT-101 XMA-105	AMC-101A MKT-xxx POT-102 RCT-101 XMA-106	N/A	N/A	N/A	N/A	N/A	N/A
	220VAC	AMC-101C MKT-xxx POT-102	AMC-101C MKT-xxx POT-102 XMA-105	AMC-101C MKT-xxx POT-102 XMA-106	AMC-101C MKT-xxx POT-102 RCT-101A	AMC-101C MKT-xxx POT-102 RCT-101A XMA-105	AMC-101C MKT-xxx POT-102 RCT-101A XMA-106	N/A	N/A	N/A	N/A	N/A	N/A

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		AC LOG RATE POSITIONERS			DC ANALOG POSITIONERS					
		STANDARD			STANDARD				MINIATURE	
		Command Signal 4-20mA / 0-10V / 0-5V / 1-5V 0-135 ohm Slide Wire (add XMA-108)			Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V includes selectable Log Rate function 0-135 ohm Slide Wire (add XMA-108)				Command Signal 4-20mA Only	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	without Current Trip		with Current Trip		without Current Trip	
					Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
E430 E860 E1730 E2600 (3)	24VDC	_____	_____	_____	DMC-102 MKT-xxx POT-102	DMC-102 MKT-xxx POT-102 XMA-105 (1)	DMC-102A MKT-xxx POT-102	DMC-102A MKT-xxx POT-102 XMA-105 (1)	N/A	N/A
	110VAC	LRC-101A,G MKT-xxx POT-102	LRC-101A,G MKT-xxx POT-102 XMA-105 (1)	LRC-101A,G MKT-xxx POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____
	220VAC	LRC-101B,H MKT-xxx POT-102	LRC-101B,H MKT-xxx POT-102 XMA-105 (1)	LRC-101B,H MKT-xxx POT-102 XMA-106 (1)	_____	_____	_____	_____	_____	_____

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		ON/OFF APPLICATIONS								TIMER ONLY APPLICATIONS			
		AC STANDARD			DC STANDARD				AC or DC	AC Repeat Cycle Timers	MINIATURE		
		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer			Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer		Control Signal 1.9-130VAC 2.4-130VDC with Repeat Cycle Timer with Adjustable Current Trip		Motor Converter Module		AC Sequence Timers	DC Sequence Timers	
Actuator Model	Power Source	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal 0-5V 0-10V	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA		Order Parts	Order Parts	Order Parts	Order Parts
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	
E430 E860 E1730 E2600 (3)	24VDC	_____	_____	_____	DMI-100 MKT-xxx	DMI-100 MKT-xxx POT-102 XMA-105	DMI-100A MKT-xxx	DMI-100A MKT-xxx POT-102 XMA-105	MTB-108 ADM-100C	_____	_____	N/A	
	110VAC	AMI-103 MKT-xxx	AMI-103 MKT-xxx POT-102 XMA-105	AMI-103 MKT-xxx POT-102 XMA-106	_____	_____	_____	_____	_____	RCT-101	N/A	_____	
	220VAC	AMI-103A MKT-xxx	AMI-103A MKT-xxx POT-102 XMA-105	AMI-103A MKT-xxx POT-102 XMA-106	_____	_____	_____	_____	_____	RCT-101A	N/A	_____	

ABZ <i>(See General Notes and Footnotes on Page 30)</i>		FEEDBACK SIGNAL ONLY APPLICATIONS					
		1K Ohm Feedback Pot Only	4-20mA Feedback (2-wire)	4-20mA Feedback (3-wire)	4-20mA Feedback Powered	0-5V 0-10V Feedback (3-wire)	0-5V 0-10V Feedback Powered
Actuator Model	Power Source	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
E430 E860 E1730 E2600 (3)	24VDC	MKT-xxx POT-102 (7)	MKT-xxx POT-102 XMA-107	MKT-xxx POT-102 XMA-105	_____	MKT-xxx POT-102 XMA-106	_____
	110VAC	MKT-xxx POT-102 (7)	MKT-xxx POT-102 XMA-107	MKT-xxx POT-102 XMA-105	MKT-xxx POT-102 XMA-105 PWR-102	MKT-xxx POT-102 XMA-106	MKT-xxx POT-102 XMA-106 PWR-102
	220VAC	MKT-xxx POT-102 (7)	MKT-xxx POT-102 XMA-107	MKT-xxx POT-102 XMA-105	MKT-xxx POT-102 XMA-105 PWR-102A	MKT-xxx POT-102 XMA-106	MKT-xxx POT-102 XMA-106 PWR-102A

GENERAL NOTES

- A) MKT-194 and MKT-194A mounting kits limit the ability to add auxiliary cam switches.
- B) MKT-180, MKT-185, MKT-193(A), MKT-195(A), MKT-196(A), MKT-197(A), and MKT-198 mounting kits allow (2) auxiliary cam switches to be added.
- C) Replace DHC-100A with DHC-100D for CE certification (see CE Declaration of Conformity 1001-6A).

FOOTNOTES

- (1) XMA-108 must be mounted external to actuator
- (2) MKT-198 requires Noah auxiliary enclosure.
- (3) Replace MKT-xxx with:
 - MKT-180 for actuator models E430 and E860 w/dashpot manufactured since 2013
 - MKT-185 for actuator models E430, E860, E1730, and E2600 w/dashpot manufactured since 2013 (requires Noah auxiliary enclosure)
- (4) To enable use of actuator's mechanical override add RLY-101 (24VDC Relay) and wire coil to a constant 24VDC power source, otherwise override is not functional.
- (5) ABZ028B model only
- (6) ABZ028B, ABZ038B, ABZ050B, and ABZ070B models only
- (7) Feedback potentiometer field connections are terminated via potentiometer wire pigtail.
- (8) MKT-194 and MKT-194A allow (2) auxiliary cam switches to be added with these applications only.
- (9) To enable use of actuator's mechanical override add RLY-104 (24VAC Relay) and wire coil to a constant 24VAC power source, otherwise override is not functional.
- (10) For non-standard RTU Mode setting (no parity with 1 stop bit), use OCM-103.