

HKC (See General Notes and Footnotes on Page 20)		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
HQ-006	24VDC	_____	_____	_____	_____	_____	_____	DHC-400 MKT-145 POT-102 EXE-100 2/EEF-100 (2)	DHC-400 MKT-145 POT-102 EXE-100 2/EEF-100 OTX-101 (2)	DHC-400 MKT-145 POT-102 EXE-100 2/EEF-100 OTR-101 (2)	DHC-400 MKT-145 POT-102 EXE-100 2/EEF-100 OCM-102 (2) (6)
	110VAC	DHC-100 MKT-145 POT-102 EXE-100 2/EEF-100 (2)	DHC-100 MKT-145 POT-102 EXE-100 2/EEF-100 OTX-100 (2)	DHC-100 MKT-145 POT-102 EXE-100 2/EEF-100 OTR-100 (2)	DHC-100 MKT-145 POT-102 EXE-100 2/EEF-100 OTX-101 (2)	DHC-100 MKT-145 POT-102 EXE-100 2/EEF-100 OTR-101 (2)	DHC-100 MKT-145 POT-102 EXE-100 2/EEF-100 OCM-102 (2) (6)	_____	_____	_____	_____
	220VAC	DHC-100A MKT-145 POT-102 EXE-100 2/EEF-100 (2)	DHC-100A MKT-145 POT-102 EXE-100 2/EEF-100 OTX-100 (2)	DHC-100A MKT-145 POT-102 EXE-100 2/EEF-100 OTR-100 (2)	DHC-100A MKT-145 POT-102 EXE-100 2/EEF-100 OTX-101 (2)	DHC-100A MKT-145 POT-102 EXE-100 2/EEF-100 OTR-101 (2)	DHC-100A MKT-145 POT-102 EXE-100 2/EEF-100 OCM-102 (2) (6)	_____	_____	_____	_____

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-006	24VDC	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	110VAC	AMC-100A MKT-145 POT-102 EXE-100 2/EEF-100 (2)	AMC-100A MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	AMC-100A MKT-145 POT-102 EXE-100 2/EEF-100 XMA-106 (2)	N/A	N/A	N/A	AMC-103 MKT-145 POT-102 EXE-100 2/EEF-100 (2)	AMC-103 MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	AMC-103 MKT-145 POT-102 EXE-100 2/EEF-100 XMA-106 (2)	N/A	N/A	N/A
	220VAC	AMC-100C MKT-145 POT-102 EXE-100 2/EEF-100 (2)	AMC-100C MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	AMC-100C MKT-145 POT-102 EXE-100 2/EEF-100 XMA-106 (2)	N/A	N/A	N/A	AMC-103A MKT-145 POT-102 EXE-100 2/EEF-100 (2)	AMC-103A MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	AMC-103A MKT-145 POT-102 EXE-100 2/EEF-100 XMA-106 (2)	N/A	N/A	N/A

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-006	24VDC				DMC-102 MKT-145 POT-102 EXE-100 2/EEF-100 (2)	DMC-102 MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	DMC-102A MKT-145 POT-102 EXE-100 2/EEF-100 (2)	DMC-102A MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	DMC-101 MKT-145 POT-102 EXE-100 2/EEF-100 (2) (5)	DMC-101 MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2) (5)
	110VAC	LRC-101A,G MKT-145 POT-102 EXE-100 2/EEF-100 (2)	LRC-101A,G MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	LRC-101A,G MKT-145 POT-102 EXE-100 2/EEF-100 XMA-106 (2)	_____	_____	_____	_____	_____	_____
	220VAC	LRC-101B,H MKT-145 POT-102 EXE-100 2/EEF-100 (2)	LRC-101B,H MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	LRC-101B,H MKT-145 POT-102 EXE-100 2/EEF-100 XMA-106 (2)	_____	_____	_____	_____	_____	_____

HKC (See General Notes and Footnotes on Page 20)		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 EXE-100 2/EEF-100 (2)	DMI-100 MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	DMI-100A EXE-100 2/EEF-100 (2)	DMI-100A MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	_____	_____	_____	DST-100A EXE-100 2/EEF-100 (2) (5)	
HQ-006	110VAC	AMI-103 EXE-100 2/EEF-100 (2)	AMI-103 MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	AMI-103 MKT-145 POT-102 EXE-100 2/EEF-100 XMA-106 (2)	_____	_____	_____	_____	_____	N/A	AST-100 EXE-100 2/EEF-100 (2)	_____	
	220VAC	AMI-103A EXE-100 2/EEF-100 (2)	AMI-103A MKT-145 POT-102 EXE-100 2/EEF-100 XMA-105 (2)	AMI-103A MKT-145 POT-102 EXE-100 2/EEF-100 XMA-106 (2)	_____	_____	_____	_____	_____	N/A	AST-100A EXE-100 2/EEF-100 (2)	_____	

HKC (See General Notes and Footnotes on Page 20)		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
HQ-006	24VDC	MKT-145 POT-102	_____	_____	_____	_____	_____
	110VAC	MKT-145 POT-102	_____	_____	MKT-145 POT-102 XMA-105 PWR-102 EXE-100 2/EEF-100 (2)	_____	MKT-145 POT-102 XMA-106 PWR-102 EXE-100 2/EEF-100 (2)
	220VAC	MKT-145 POT-102	_____	_____	MKT-145 POT-102 XMA-105 PWR-102A EXE-100 2/EEF-100 (2)	_____	MKT-145 POT-102 XMA-106 PWR-102A EXE-100 2/EEF-100 (2)

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-008 HQ-010	24VDC	_____	_____	_____	_____	_____	_____	DHC-400 MKT-141 POT-102 EXE-100 2/EEF-101 (4)	DHC-400 MKT-141 POT-102 EXE-100 2/EEF-101 OTX-101 (4)	DHC-400 MKT-141 POT-102 EXE-100 2/EEF-101 OTR-101 (4)	DHC-400 MKT-141 POT-102 EXE-100 2/EEF-101 OCM-102 (4) (6)
	24VAC (order 24VDC Motor)	DHC-100B ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 (4)	DHC-100B ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 OTX-100 (4)	DHC-100B ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 OTR-100 (4)	DHC-100B ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 OTX-101 (4)	DHC-100B ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 OTR-101 (4)	DHC-100B ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 OCM-102 (4) (6)	_____	_____	_____	_____
	110VAC	DHC-100 MKT-141 POT-102 EXE-100 2/EEF-101 (4)	DHC-100 MKT-141 POT-102 EXE-100 2/EEF-101 OTX-100 (4)	DHC-100 MKT-141 POT-102 EXE-100 2/EEF-101 OTR-100 (4)	DHC-100 MKT-141 POT-102 EXE-100 2/EEF-101 OTX-101 (4)	DHC-100A MKT-141 POT-102 EXE-100 2/EEF-101 OTR-101 (4)	DHC-100 MKT-141 POT-102 EXE-100 2/EEF-101 OCM-102 (4) (6)	_____	_____	_____	_____
	220VAC	DHC-100A MKT-141 POT-102 EXE-100 2/EEF-101 (4)	DHC-100A MKT-141 POT-102 EXE-100 2/EEF-101 OTX-100 (4)	DHC-100A MKT-141 POT-102 EXE-100 2/EEF-101 OTR-100 (4)	DHC-100A MKT-141 POT-102 EXE-100 2/EEF-101 OTX-101 (4)	DHC-100A MKT-141 POT-102 EXE-100 2/EEF-101 OTR-101 (4)	DHC-100A MKT-141 POT-102 EXE-100 2/EEF-101 OCM-102 (4) (6)	_____	_____	_____	_____

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-008 HQ-010	24VDC	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	24VAC (order 24VDC Motor)	AMC-101E ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 (4)	AMC-101E ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	AMC-101E ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 XMA-106 (4)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	110VAC	AMC-100A MKT-141 POT-102 EXE-100 2/EEF-101 (4)	AMC-100A MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	AMC-100A MKT-141 POT-102 EXE-100 2/EEF-101 XMA-106 (4)	N/A	N/A	N/A	AMC-103 MKT-141 POT-102 (4)	AMC-103 MKT-141 POT-102 XMA-105 (4)	AMC-103 MKT-141 POT-102 XMA-106 (4)	N/A	N/A	N/A
	220VAC	AMC-100C MKT-141 POT-102 EXE-100 2/EEF-101 (4)	AMC-100C MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	AMC-100C MKT-141 POT-102 EXE-100 2/EEF-101 XMA-106 (4)	N/A	N/A	N/A	AMC-103A MKT-141 POT-102 (4)	AMC-103A MKT-141 POT-102 XMA-105 (4)	AMC-103A MKT-141 POT-102 XMA-106 (4)	N/A	N/A	N/A

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-008 HQ-010	24VDC	_____	_____	_____	DMC-102 MKT-141 POT-102 EXE-100 2/EEF-101 (4)	DMC-102 MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	DMC-102A MKT-141 POT-102 EXE-100 2/EEF-101 (4)	DMC-102A MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	DMC-101 MKT-141 POT-102 (4)	DMC-101 MKT-141 POT-102 XMA-105 (4)
	24VAC (order 24VDC Motor)	LRC-101C,I ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 (4)	LRC-101C,I ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	LRC-101C,I ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 XMA-106 (4)	_____	_____	_____	_____	_____	_____
	110VAC	LRC-101A,G MKT-141 POT-102 EXE-100 2/EEF-101 (4)	LRC-101A,G MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	LRC-101A,G MKT-141 POT-102 EXE-100 2/EEF-101 XMA-106 (4)	_____	_____	_____	_____	_____	_____
	220VAC	LRC-101B,H MKT-141 POT-102 EXE-100 2/EEF-101 (4)	LRC-101B,H MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	LRC-101B,H MKT-141 POT-102 EXE-100 2/EEF-101 XMA-106 (4)	_____	_____	_____	_____	_____	_____

HKC (See General Notes and Footnotes on Page 20)		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	
HQ-008 HQ-010	24VDC	_____	_____	_____	DMI-100 EXE-100 2/EEF-101	DMI-100 MKT-141 POT-102 XMA-105 EXE-100 2/EEF-101	DMI-100A EXE-100 2/EEF-101	DMI-100A MKT-141 POT-102 XMA-105 EXE-100 2/EEF-101	ADM-100	_____	_____	DST-100A MKT-141A	
	24VAC (order 24VDC Motor)	AMI-103B ADM-100 EXE-100 2/EEF-101	AMI-103B ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	AMI-103B ADM-100 MKT-141 POT-102 EXE-100 2/EEF-101 XMA-106 (4)	_____	_____	_____	_____	ADM-100	N/A	N/A	_____	
	110VAC	AMI-103 EXE-100 2/EEF-101	AMI-103 MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	AMI-103 MKT-141 POT-102 EXE-100 2/EEF-101 XMA-106 (4)	_____	_____	_____	_____	_____	N/A	AST-100 MKT-141A	_____	
	220VAC	AMI-103A EXE-100 2/EEF-101	AMI-103A MKT-141 POT-102 EXE-100 2/EEF-101 XMA-105 (4)	AMI-103A MKT-141 POT-102 EXE-100 2/EEF-101 XMA-106 (4)	_____	_____	_____	_____	_____	N/A	AST-100A MKT-141A	_____	

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-008 HQ-010	24VDC	MKT-141 POT-102 (4)	MKT-141 POT-102 XMA-107 (4)	MKT-141 POT-102 XMA-105 (4)	—————	MKT-141 POT-102 XMA-106 (4)	—————
	24VAC (order 24VDC Motor)	ADM-100 MKT-141 POT-102 (4)	ADM-100 MKT-141 POT-102 XMA-107 (4)	ADM-100 MKT-141 POT-102 XMA-105 (4)	N/A	ADM-100 MKT-141 POT-102 XMA-106 (4)	N/A
	110VAC	MKT-141 POT-102 (4)	MKT-141 POT-102 XMA-107 (4)	MKT-141 POT-102 XMA-105 (4)	MKT-141 POT-102 XMA-105 PWR-102 EXE-100 2/EEF-101 (4)	MKT-141 POT-102 XMA-106 (4)	MKT-141 POT-102 XMA-106 PWR-102 EXE-100 2/EEF-101 (4)
	220VAC	MKT-141 POT-102 (4)	MKT-141 POT-102 XMA-107 (4)	MKT-141 POT-102 XMA-105 (4)	MKT-141 POT-102 XMA-105 PWR-102A EXE-100 2/EEF-101 (4)	MKT-141 POT-102 XMA-106 (4)	MKT-141 POT-102 XMA-106 PWR-102A EXE-100 2/EEF-101 (4)

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-015 HQ-020 HQ-030	24VDC	_____	_____	_____	_____	_____	_____	DHC-400 MKT-137 POT-102 (3)	DHC-400 MKT-137 POT-102 OTX-101 (3)	DHC-400 MKT-137 POT-102 OTR-101 (3)	DHC-400 MKT-137 POT-102 OCM-102 (3) (6)
	24VAC (order 24VDC Motor)	DHC-100B ADM-100 MKT-137 POT-102 (3)	DHC-100B ADM-100 MKT-137 POT-102 OTX-100 (3)	DHC-100B ADM-100 MKT-137 POT-102 OTR-100 (3)	DHC-100B ADM-100 MKT-137 POT-102 OTX-101 (3)	DHC-100B ADM-100 MKT-137 POT-102 OTR-101 (3) (6)	DHC-100B ADM-100 MKT-137 POT-102 OCM-102 (3) (6)	_____	_____	_____	_____
	110VAC	DHC-100 MKT-137 POT-102 (3)	DHC-100 MKT-137 POT-102 OTX-100 (3)	DHC-100 MKT-137 POT-102 OTR-100 (3)	DHC-100 MKT-137 POT-102 OTX-101 (3)	DHC-100 MKT-137 POT-102 OTR-101 (3)	DHC-100 MKT-137 POT-102 OCM-102 (3) (6)	_____	_____	_____	_____
	220VAC	DHC-100A MKT-137 POT-102 (3)	DHC-100A MKT-137 POT-102 OTX-100 (3)	DHC-100A MKT-137 POT-102 OTR-100 (3)	DHC-100A MKT-137 POT-102 OTX-101 (3)	DHC-100A MKT-137 POT-102 OTR-101 (3)	DHC-100A MKT-137 POT-102 OCM-102 (3) (6)	_____	_____	_____	_____

HKC (See General Notes and Footnotes on Page 20)		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
HQ-015 HQ-020 HQ-030	24VDC	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
	24VAC (order 24VDC Motor)	_____	AMC-101E ADM-100 MKT-137 POT-102 XMA-105	AMC-101E ADM-100 MKT-137 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-137 POT-102 XMA-105	AMC-100A MKT-137 POT-102 XMA-106	AMC-100A MKT-137 POT-102 RCT-101	AMC-100A MKT-137 POT-102 RCT-101 XMA-105	AMC-100A MKT-137 POT-102 RCT-101 XMA-106	AMC-103 MKT-137 POT-102	AMC-103 MKT-137 POT-102 XMA-105	AMC-103 MKT-137 POT-102 XMA-106	AMC-103 MKT-137 POT-102 RCT-101	AMC-103 MKT-137 POT-102 RCT-101 XMA-105	AMC-103 MKT-137 POT-102 RCT-101 XMA-106
	220VAC	_____	AMC-100C MKT-137 POT-102 XMA-105	AMC-100C MKT-137 POT-102 XMA-106	AMC-100C MKT-137 POT-102 RCT-101A	AMC-100C MKT-137 POT-102 RCT-101A XMA-105	AMC-100C MKT-137 POT-102 RCT-101A XMA-106	AMC-103A MKT-137 POT-102	AMC-103A MKT-137 POT-102 XMA-105	AMC-103A MKT-137 POT-102 XMA-106	AMC-103A MKT-137 POT-102 RCT-101A	AMC-103A MKT-137 POT-102 RCT-101A XMA-105	AMC-103A MKT-137 POT-102 RCT-101A XMA-106

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-015 HQ-020 HQ-030	24VDC	_____	_____	_____	DMC-102 MKT-137 POT-102	DMC-102 MKT-137 POT-102 XMA-105	DMC-102A MKT-137 POT-102	DMC-102A MKT-137 POT-102 XMA-105	N/A	N/A
	24VAC (order 24VDC Motor)	LRC-101C,I ADM-100 MKT-137 POT-102	LRC-101C,I ADM-100 MKT-137 POT-102 XMA-105	LRC-101C,I ADM-100 MKT-137 POT-102 XMA-106	_____	_____	_____	_____	_____	_____
	110VAC	LRC-101A,G MKT-137 POT-102	LRC-101A,G MKT-137 POT-102 XMA-105	LRC-101A,G MKT-137 POT-102 XMA-106	_____	_____	_____	_____	_____	_____
	220VAC	LRC-101B,H MKT-137 POT-102	LRC-101B,H MKT-137 POT-102 XMA-105	LRC-101B,H MKT-137 POT-102 XMA-106	_____	_____	_____	_____	_____	_____

HKC (See General Notes and Footnotes on Page 20)		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	Feedback Signal None	Feedback Signal 4-20mA	Feedback Signal None	Feedback Signal 4-20mA	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	
HQ-015 HQ-020 HQ-030	24VDC	_____	_____	_____	DMI-100 MKT-137A	DMI-100 MKT-137 POT-102 XMA-105	DMI-100A MKT-137A	DMI-100A MKT-137 POT-102 XMA-105	ADM-100	_____	_____	N/A	
	24VAC (order 24VDC Motor)	AMI-103B ADM-100 MKT-137A	AMI-103B ADM-100 MKT-137 POT-102 XMA-105	AMI-103B ADM-100 MKT-137 POT-102 XMA-106	_____	_____	_____	_____	ADM-100	ADM-100 MTB-103 RCT-101B	N/A	_____	
	110VAC	AMI-103 MKT-137A	AMI-103 MKT-137 POT-102 XMA-105	AMI-103 MKT-137 POT-102 XMA-106	_____	_____	_____	_____	_____	MTB-103 RCT-101	AST-100 MKT-137A	_____	
	220VAC	AMI-103A MKT-137A	AMI-103A MKT-137 POT-102 XMA-105	AMI-103A MKT-137 POT-102 XMA-106	_____	_____	_____	_____	_____	MTB-103 RCT-101A	AST-100A MKT-137A	_____	

HKC (See General Notes and Footnotes on Page 20)		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						
HQ-015 HQ-020 HQ-030	24VDC	MKT-175 POT-102	MKT-175 POT-102 XMA-107	MKT-175 POT-102 XMA-105	_____	MKT-175 POT-102 XMA-106	_____
	24VAC (order 24VDC Motor)	ADM-100 MKT-137 POT-102	ADM-100 MKT-137 POT-102 XMA-107	ADM-100 MKT-137 POT-102 XMA-105	N/A	ADM-100 MKT-137 POT-102 XMA-106	N/A
	110VAC	MKT-175 POT-102	MKT-175 POT-102 XMA-107	MKT-175 POT-102 XMA-105	MKT-137 POT-102 XMA-105 PWR-102	MKT-175 POT-102 XMA-106	MKT-137 POT-102 XMA-106 PWR-102
	220VAC	MKT-175 POT-102	MKT-175 POT-102 XMA-107	MKT-175 POT-102 XMA-105	MKT-137 POT-102 XMA-105 PWR-102A	MKT-175 POT-102 XMA-106	MKT-137 POT-102 XMA-106 PWR-102A

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-050 HQ-060 HQ-080 HQ-120 HQ-200 HQ-300	110VAC	DHC-100 MKT-137 POT-102 (3)	DHC-100 MKT-137 POT-102 OTX-100 (3)	DHC-100 MKT-137 POT-102 OTR-100 (3)	DHC-100 MKT-137 POT-102 OTX-101 (3)	DHC-100 MKT-137 POT-102 OTR-101 (3)	DHC-100 MKT-137 POT-102 OCM-102 (3) (6)	_____	_____	_____	_____
	220VAC	DHC-100A MKT-137 POT-102 (3)	DHC-100A MKT-137 POT-102 OTX-100 (3)	DHC-100A MKT-137 POT-102 OTR-100 (3)	DHC-100A MKT-137 POT-102 OTX-101 (3)	DHC-100A MKT-137 POT-102 OTR-101 (3)	DHC-100A MKT-137 POT-102 OCM-102 (3) (6)	_____	_____	_____	_____

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-050 HQ-060 HQ-080 HQ-120 HQ-200 HQ-300	110VAC	_____	AMC-101A MKT-137 POT-102 XMA-105	AMC-101A MKT-137 POT-102 XMA-106	AMC-101A MKT-137 POT-102 RCT-101	AMC-101A MKT-137 POT-102 RCT-101 XMA-105	AMC-101A MKT-137 POT-102 RCT-101 XMA-106	N/A	N/A	N/A	N/A	N/A	N/A
	220VAC	_____	AMC-101C MKT-137 POT-102 XMA-105	AMC-101C MKT-137 POT-102 XMA-106	AMC-101C MKT-137 POT-102 RCT-101A	AMC-101C MKT-137 POT-102 RCT-101A XMA-105	AMC-101C MKT-137 POT-102 RCT-101A XMA-106	N/A	N/A	N/A	N/A	N/A	N/A

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-050 HQ-060 HQ-080 HQ-120 HQ-200 HQ-300	110VAC	LRC-101A,G MKT-137 POT-102	LRC-101A,G MKT-137 POT-102 XMA-105	LRC-101A,G MKT-137 POT-102 XMA-106	_____	_____	_____	_____	_____	_____
	220VAC	LRC-101B,H MKT-137 POT-102	LRC-101B,H MKT-137 POT-102 XMA-105	LRC-101B,H MKT-137 POT-102 XMA-106	_____	_____	_____	_____	_____	_____

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-050 HQ-060 HQ-080 HQ-120 HQ-200 HQ-300	110VAC	AMI-103 MKT-137A	AMI-103 MKT-137 POT-102 XMA-105	AMI-103 MKT-137 POT-102 XMA-106	_____	_____	_____	_____	_____	MTB-103 RCT-101	N/A	_____			
	220VAC	AMI-103A MKT-137A	AMI-103A MKT-137 POT-102 XMA-105	AMI-103A MKT-137 POT-102 XMA-106	_____	_____	_____	_____	_____	MTB-103 RCT-101A	N/A	_____			

HKC <i>(See General Notes and Footnotes on Page 20)</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
HQ-050 HQ-060 HQ-080 HQ-120 HQ-200 HQ-300	110VAC	MKT-175 POT-102	MKT-175 POT-102 XMA-107	MKT-175 POT-102 XMA-105	MKT-137 POT-102 XMA-105 PWR-102	MKT-175 POT-102 XMA-106	MKT-137 POT-102 XMA-106 PWR-102
	220VAC	MKT-175 POT-102	MKT-175 POT-102 XMA-107	MKT-175 POT-102 XMA-105	MKT-137 POT-102 XMA-105 PWR-102A	MKT-175 POT-102 XMA-106	MKT-137 POT-102 XMA-106 PWR-102A

GENERAL NOTES

- A) The following mounting kits allow the addition of (2) auxiliary switches: MKT-137, MKT-137A, MKT-141, MKT-141A, MKT-145, and MKT-179.
- B) The EXE-100 Nema 4 enclosure requires miscellaneous wires and drilling of mounting and conduit holes to meet customer requirements.
- 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) Actuator must be ordered with 1/2" NPT conduit entrances or use a 13.5PG to 1/2" NPT thread adapter.
- (3) Replace MKT-137 with MKT-176 for extra high-resolution control in models HQ-015 to HQ-120.
- (4) Replace MKT-141 with MKT-179 for 180 degree applications.
- (5) Actuator's mechanical override feature is not operational with this application.
- (6) For non-standard RTU Mode setting (no parity with 1 stop bit), use OCM-103.