

CONBRACO <i>(See General Notes and Footnotes on Page 6)</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	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	Order Parts
AE200 AE400 AE600 AE800 AE1000	12VDC	_____	_____	_____	_____	_____	_____	_____	DHC-400 MKT-142 POT-102	DHC-400 MKT-142 POT-102 OTX-101	DHC-400 MKT-142 POT-102 OTR-101	DHC-400 MKT-142 POT-102 OCM-102
	24VDC	_____	_____	_____	_____	_____	_____	_____	DHC-400 MKT-142 POT-102	DHC-400 MKT-142 POT-102 OTX-101	DHC-400 MKT-142 POT-102 OTR-101	DHC-400 MKT-142 POT-102 OCM-102
	24VAC	DHC-100B MKT-142 POT-102	DHC-100B MKT-142 POT-102 OTX-100	DHC-100B MKT-142 POT-102 OTR-100	DHC-100B MKT-142 POT-102 OTX-101	DHC-100B MKT-142 POT-102 OTR-101	DHC-100B MKT-142 POT-102 OCM-102	_____	_____	_____	_____	_____
	115VAC	DHC-100 MKT-142 POT-102	DHC-100 MKT-142 POT-102 OTX-100	DHC-100 MKT-142 POT-102 OTR-100	DHC-100 MKT-142 POT-102 OTX-101	DHC-100 MKT-142 POT-102 OTR-101	DHC-100 MKT-142 POT-102 OCM-102	_____	_____	_____	_____	_____
	230VAC	DHC-100A MKT-142 POT-102	DHC-100A MKT-142 POT-102 OTX-100	DHC-100A MKT-142 POT-102 OTR-100	DHC-100A MKT-142 POT-102 OTX-101	DHC-100A MKT-142 POT-102 OTR-101	DHC-100A MKT-142 POT-102 OCM-102	_____	_____	_____	_____	_____

CONBRACO <i>(See General Notes and Footnotes on Page 6)</i>		MULTITURN									
		AC DIGITAL POSITIONERS (STANDARD)					DC DIGITAL POSITIONERS (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
AE200 AE400 AE600 AE800 AE1000	12VDC	_____	_____	_____	_____	_____	_____	DHC-400 MKT-142 POT-104	DHC-400 MKT-142 POT-104 OTX-101	DHC-400 MKT-142 POT-104 OTR-101	DHC-400 MKT-142 POT-104 OCM-102
	24VDC	_____	_____	_____	_____	_____	_____	DHC-400 MKT-142 POT-104	DHC-400 MKT-142 POT-104 OTX-101	DHC-400 MKT-142 POT-104 OTR-101	DHC-400 MKT-142 POT-104 OCM-102
	24VAC	DHC-100B MKT-142 POT-104	DHC-100B MKT-142 POT-104 OTX-100	DHC-100B MKT-142 POT-104 OTR-100	DHC-100B MKT-142 POT-104 OTX-101	DHC-100B MKT-142 POT-104 OTR-101	DHC-100B MKT-142 POT-104 OCM-102	_____	_____	_____	_____
	115VAC	DHC-100 MKT-142 POT-104	DHC-100 MKT-142 POT-104 OTX-100	DHC-100 MKT-142 POT-104 OTR-100	DHC-100 MKT-142 POT-104 OTX-101	DHC-100 MKT-142 POT-104 OTR-101	DHC-100 MKT-142 POT-104 OCM-102	_____	_____	_____	_____
	230VAC	DHC-100A MKT-142 POT-104	DHC-100A MKT-142 POT-104 OTX-100	DHC-100A MKT-142 POT-104 OTR-100	DHC-100A MKT-142 POT-104 OTX-101	DHC-100A MKT-142 POT-104 OTR-101	DHC-100A MKT-142 POT-104 OCM-102	_____	_____	_____	_____

CONBRACO <i>(See General Notes and Footnotes on Page 6)</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	Order Parts
AE200 AE400 AE600 AE800 AE1000	12VDC	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	
	24VDC	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	
	24VAC	AMC-101E MKT-142 POT-102	AMC-101E MKT-142 POT-102 XMA-105	AMC-101E MKT-142 POT-102 XMA-106	AMC-101E MKT-142 POT-102 RCT-101B	AMC-101E MKT-142 POT-102 RCT-101B XMA-105	AMC-101E MKT-142 POT-102 RCT-101B XMA-106	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	115VAC	AMC-100A MKT-142 POT-102	AMC-100A MKT-142 POT-102 XMA-105	AMC-100A MKT-142 POT-102 XMA-106	AMC-100A MKT-142 POT-102 RCT-101	AMC-100A MKT-142 POT-102 RCT-101 XMA-105	AMC-100A MKT-142 POT-102 RCT-101 XMA-106	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	230VAC	AMC-100C MKT-142 POT-102	AMC-100C MKT-142 POT-102 XMA-105	AMC-100C MKT-142 POT-102 XMA-106	AMC-100C MKT-142 POT-102 RCT-101A	AMC-100C MKT-142 POT-102 RCT-101A XMA-105	AMC-100C MKT-142 POT-102 RCT-101A XMA-106	N/A	N/A	N/A	N/A	N/A	N/A	N/A

CONBRACO <i>(See General Notes and Footnotes on Page 6)</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-104A)			Command Signal 4-20mA / 0-10V / 2-10V / 0-5V / 1-5V includes selectable Log Rate function 0-135 ohm Slide Wire (add XMA-104A)				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
AE200 AE400 AE600 AE800 AE1000	12VDC	_____	_____	_____	DMC-102 MKT-142 POT-102	DMC-102 MKT-142 POT-102 XMA-105 (2)	DMC-102A MKT-142 POT-102	DMC-102A MKT-142 POT-102 XMA-105 (2)	N/A	N/A
	24VDC	_____	_____	_____	DMC-102 MKT-142 POT-102	DMC-102 MKT-142 POT-102 XMA-105 (2)	DMC-102A MKT-142 POT-102	DMC-102A MKT-142 POT-102 XMA-105 (2)	N/A	N/A
	24VAC	LRC-101C,I MKT-142 POT-102	LRC-101C,I MKT-142 POT-102 XMA-105 (2)	LRC-101C,I MKT-142 POT-102 XMA-106 (2)	_____	_____	_____	_____	_____	_____
	115VAC	LRC-101A,G MKT-142 POT-102	LRC-101A,G MKT-142 POT-102 XMA-105 (2)	LRC-101A,G MKT-142 POT-102 XMA-106 (2)	_____	_____	_____	_____	_____	_____
	230VAC	LRC-101B,H MKT-142 POT-102	LRC-101B,H MKT-142 POT-102 XMA-105 (2)	LRC-101B,H MKT-142 POT-102 XMA-106 (2)	_____	_____	_____	_____	_____	_____

CONBRACO <i>(See General Notes and Footnotes on Page 6)</i>		ON/OFF APPLICATIONS					TIMER ONLY APPLICATIONS			
		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 Switch Relay Open Collector 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 1-5mA				
		Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts	Order Parts
	12VDC	_____	_____	_____	RCM-101A MKT-142A	RCM-101C MKT-142 POT-102	ADM-101A	_____	_____	DST-100 MKT-142A
	24VDC	_____	_____	_____	RCM-101A MKT-142A	RCM-101C MKT-142 POT-102	ADM-100A	_____	_____	DST-100A MKT-142A
AE200 AE400 AE600 AE800 AE1000	24VAC	AMI-103B MKT-142A	AMI-103B MKT-142 POT-102 XMA-105	AMI-103B MKT-142 POT-102 XMA-106	_____	_____	_____	RCT-101B	N/A	_____
	115VAC	AMI-103 MKT-142A	AMI-103 MKT-142 POT-102 XMA-105	AMI-103 MKT-142 POT-102 XMA-106	_____	_____	_____	RCT-101	AST-100 MKT-142A	_____
	230VAC	AMI-103A MKT-142A	AMI-103A MKT-142 POT-102 XMA-105	AMI-103A MKT-142 POT-102 XMA-106	_____	_____	_____	RCT-101A	AST-100A MKT-142A	_____

CONBRACO <i>(See General Notes and Footnotes on Page 6)</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
AE200 AE400 AE600 AE800 AE1000	12VDC	MKT-142 POT-102 (3)	MKT-142 POT-102 XMA-107	MKT-142 POT-102 XMA-105	_____	MKT-142 POT-102 XMA-106	_____
	24VDC	MKT-142 POT-102 (3)	MKT-142 POT-102 XMA-107	MKT-142 POT-102 XMA-105	_____	MKT-142 POT-102 XMA-106	_____
	24VAC	MKT-142 POT-102 (3)	MKT-142 POT-102 XMA-107	MKT-142 POT-102 XMA-105	N/A	MKT-142 POT-102 XMA-106	N/A
	115VAC	MKT-142 POT-102 (3)	MKT-142 POT-102 XMA-107	MKT-142 POT-102 XMA-105	MKT-142 POT-102 XMA-105 PWR-102	MKT-142 POT-102 XMA-106	MKT-142 POT-102 XMA-106 PWR-102
	230VAC	MKT-142 POT-102 (3)	MKT-142 POT-102 XMA-107	MKT-142 POT-102 XMA-105	MKT-142 POT-102 XMA-105 PWR-102A	MKT-142 POT-102 XMA-106	MKT-142 POT-102 XMA-106 PWR-102A

GENERAL NOTES

- A) MKT-142 AND MKT-142A mounting kits limit the ability to add any auxiliary cam switches.
- B) When modulating actuators 10 SEC / 90° or less, it is suggested to use DHC-Series controllers for improved positioning control.
- C) Mechanical brake option required on AC powered actuators rated for 10 SEC / 90° or less.
- D) Replace DHC-100A with DHC-100D for CE certification (see CE Declaration of Conformity 1001-6A).

FOOTNOTES

- (1) 0.5-8 Turns available (Bypass limit switch wiring)
- (2) XMA-104A must be mounted external to actuator.
- (3) Feedback potentiometer field connections are terminated via potentiometer wire pigtail.