

VALVCON <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
V150 V300 V600 LV1000 LV1500 LV2000 LV2500 LV3000	115VAC	DHC-100 MKT-151 POT-102	DHC-100 MKT-151 POT-102 OTX-100	DHC-100 MKT-151 POT-102 OTR-100	DHC-100 MKT-151 POT-102 OTX-101	DHC-100 MKT-151 POT-102 OTR-101	DHC-100 MKT-151 POT-102 OCM-102	_____	_____	_____	_____	
	230VAC	DHC-100A MKT-151 POT-102	DHC-100A MKT-151 POT-102 OTX-100	DHC-100A MKT-151 POT-102 OTR-100	DHC-100A MKT-151 POT-102 OTX-101	DHC-100A MKT-151 POT-102 OTR-101	DHC-100A MKT-151 POT-102 OCM-102	_____	_____	_____	_____	

VALVCON <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	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
V150 V300 V600 LV1000 LV1500 LV2000 LV2500 LV3000	115VAC	DHC-100 MKT-151 POT-104 (1)	DHC-100 MKT-151 POT-104 OTX-100 (1)	DHC-100 MKT-151 POT-104 OTR-100 (1)	DHC-100 MKT-151 POT-104 OTX-101 (1)	DHC-100 MKT-151 POT-104 OTR-101 (1)	DHC-100 MKT-151 POT-104 OCM-102 (1)	_____	_____	_____	_____	_____
	230VAC	DHC-100A MKT-151 POT-104 (1)	DHC-100A MKT-151 POT-104 OTX-100 (1)	DHC-100A MKT-151 POT-104 OTR-100 (1)	DHC-100A MKT-151 POT-104 OTX-101 (1)	DHC-100A MKT-151 POT-104 OTR-101 (1)	DHC-100A MKT-151 POT-104 OCM-102 (1)	_____	_____	_____	_____	_____

VALVCON <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
V150 V300 V600 LV1000 LV1500 LV2000 LV2500 LV3000	115VAC	AMC-100A MKT-151 POT-102	AMC-100A MKT-151 POT-102 XMA-105	AMC-100A MKT-151 POT-102 XMA-106	N/A	N/A	N/A	AMC-103 MKT-151 POT-102	AMC-103 MKT-151 POT-102 XMA-105	AMC-103 MKT-151 POT-102 XMA-106	N/A	N/A	N/A
	230VAC	AMC-100C MKT-151 POT-102	AMC-100C MKT-151 POT-102 XMA-105	AMC-100C MKT-151 POT-102 XMA-106	N/A	N/A	N/A	AMC-103A MKT-151 POT-102	AMC-103A MKT-151 POT-102 XMA-105	AMC-103A MKT-151 POT-102 XMA-106	N/A	N/A	N/A

VALVCON <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
V150 V300 V600 LV1000 LV1500 LV2000 LV2500 LV3000	115VAC	LRC-101A,G MKT-151 POT-102	LRC-101A,G MKT-151 POT-102 XMA-105 (2)	LRC-101A,G MKT-151 POT-102 XMA-106 (2)	_____	_____	_____	_____	_____	_____
	230VAC	LRC-101B,H MKT-151 POT-102	LRC-101B,H MKT-151 POT-102 XMA-105 (2)	LRC-101B,H MKT-151 POT-102 XMA-106 (2)	_____	_____	_____	_____	_____	_____

VALVCON <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
V150 V300 V600 LV1000 LV1500 LV2000 LV2500 LV3000	115VAC	AMI-103 MKT-151A	AMI-103 MKT-151 POT-102 XMA-105	AMI-103 MKT-151 POT-102 XMA-106	_____	_____	_____	N/A	AST-100 MKT-151A	_____
	230VAC	AMI-103A MKT-151A	AMI-103A MKT-151 POT-102 XMA-105	AMI-103A MKT-151 POT-102 XMA-106	_____	_____	_____	N/A	AST-100A MKT-151A	_____

VALVCON <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
		V150 V300 V600 LV1000 LV1500 LV2000 LV2500 LV3000	115VAC 230VAC	MKT-151 POT-102 (3)	MKT-151 POT-102 XMA-107	MKT-151 POT-102 XMA-105	MKT-151 POT-102 XMA-105 PWR-102
		MKT-151 POT-102 (3)	MKT-151 POT-102 XMA-107	MKT-151 POT-102 XMA-105	MKT-151 POT-102 XMA-105 PWR-102A	MKT-151 POT-102 XMA-106	MKT-151 POT-102 XMA-106 PWR-102A

GENERAL NOTES

- A) Mechanical brake option required on AC powered actuators rated for 10 SEC / 90° or less.
- B) MKT-151 and MKT-151A mounting kits limit the ability to add any auxiliary cam switches.
- C) MKT-151 mounting kit allows actuator rotation to be calibrated for 30° to 270° travel.
- D) Replace DHC-100A with DHC-100D for CE certification (see CE Declaration of Conformity 1001-6A).
- E) When modulating actuators 10 SEC / 90° or less, it is suggested to use DHC-Series controllers for improved positioning control.

FOOTNOTES

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