



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
P1-D1	PRODUCTION PILOT	03/26/2020	GDV

AXIOMATIC
Global Electronic Solutions

**4 INPUT, 2 OUTPUT
SERVO VALVE CONTROLLER**
500 kbps SAE J1939, 2 Feedback Signals
P/N: AX024000-01 **CE**

Grey Receptacle		Black Receptacle	
	PIN #		PIN #
CAN_L	12	Bipolar Analog Input 1	1
CAN_H	1	Common Analog GND	12
Signal Output 2	11	Bipolar Analog Input 2	2
Signal Output 2 GND	2	Common Analog GND	11
Signal Output 1	10	AN/DIG Input 1 (Input 3)	3
Signal Output 1 GND	3	Common Analog GND	10
Output 2+	9	AN/DIG Input 2 (Input 4)	4
Output 2-	4	Common Analog GND	9
Output 1+	8	+5V Reference	5
Output 1-	5	+5V Reference GND	8
Batt +	7	+10V Reference	6
Batt -	6	+10V Reference GND	7

AXIOMATIC
Global Electronic Solutions

**4 INPUT, 2 OUTPUT
SERVO VALVE CONTROLLER**
500 kbps SAE J1939, 2 Feedback Signals
P/N: AX024000-01 **CE**

Grey Receptacle		Black Receptacle	
	PIN #		PIN #
CAN_L	12	Bipolar Analog Input 1	1
CAN_H	1	Common Analog GND	12
Signal Output 2	11	Bipolar Analog Input 2	2
Signal Output 2 GND	2	Common Analog GND	11
Signal Output 1	10	AN/DIG Input 1 (Input 3)	3
Signal Output 1 GND	3	Common Analog GND	10
Output 2+	9	AN/DIG Input 2 (Input 4)	4
Output 2-	4	Common Analog GND	9
Output 1+	8	+5V Reference	5
Output 1-	5	+5V Reference GND	8
Batt +	7	+10V Reference	6
Batt -	6	+10V Reference GND	7

AXIOMATIC
Global Electronic Solutions

**4 INPUT, 2 OUTPUT
SERVO VALVE CONTROLLER**
500 kbps SAE J1939, 2 Feedback Signals
P/N: AX024000-01 **CE**

Grey Receptacle		Black Receptacle	
	PIN #		PIN #
CAN_L	12	Bipolar Analog Input 1	1
CAN_H	1	Common Analog GND	12
Signal Output 2	11	Bipolar Analog Input 2	2
Signal Output 2 GND	2	Common Analog GND	11
Signal Output 1	10	AN/DIG Input 1 (Input 3)	3
Signal Output 1 GND	3	Common Analog GND	10
Output 2+	9	AN/DIG Input 2 (Input 4)	4
Output 2-	4	Common Analog GND	9
Output 1+	8	+5V Reference	5
Output 1-	5	+5V Reference GND	8
Batt +	7	+10V Reference	6
Batt -	6	+10V Reference GND	7

Unit Label

PROPRIETARY
THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY AND REMAINS THE EXCLUSIVE PROPERTY OF AXIOMATIC TECHNOLOGIES CORPORATION. THIS DRAWING MAY NOT BE USED, REPRODUCED IN WHOLE OR IN PART, NOR REVEALED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF AXIOMATIC TECHNOLOGIES CORPORATION. BY ACCEPTANCE OF THIS DRAWING, THE BEARER AGREES TO THESE CONDITIONS.

AXIOMATIC
Global Electronic Solutions

AXIOMATIC TECHNOLOGIES CORPORATION
5915 WALLACE ST.
MISSISSAUGA, ON
CANADA L4Z 1Z8
905-602-9270

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED IN DRAWING TOLERANCE ON:	
FABRICATION	MACHINING
X.XXX ± 0.015	X.XXX ± 0.005
X.XX ± 0.01	X.XX ± 0.01
X.X ± 0.1	X.X ± 0.1
ANGLES ± 1.0	ANGLES ± 1.0

MATERIAL	NA	DRAWN	EL	DATE	3/26/2020
FINISH	NA	CHECKED	TF	DATE	4/13/2020
THIRD ANGLE PROJECTION	TOOL	APPROVED	GDV	DATE	4/13/2020
	INVENTOR	SIZE	B		

TITLE Dual 0-400mA Valve Driver, 4 Universal Signal Inputs, 500 Kbps SAE J1939			
DWG REV	DWG NO	PART REV	
D1	AX024000-01-MD	P1	
SCALE	PART NO	SHEET	
1	AX024000-01	1 of 1	