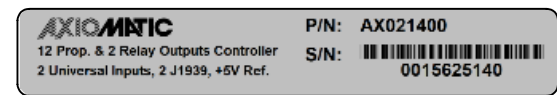
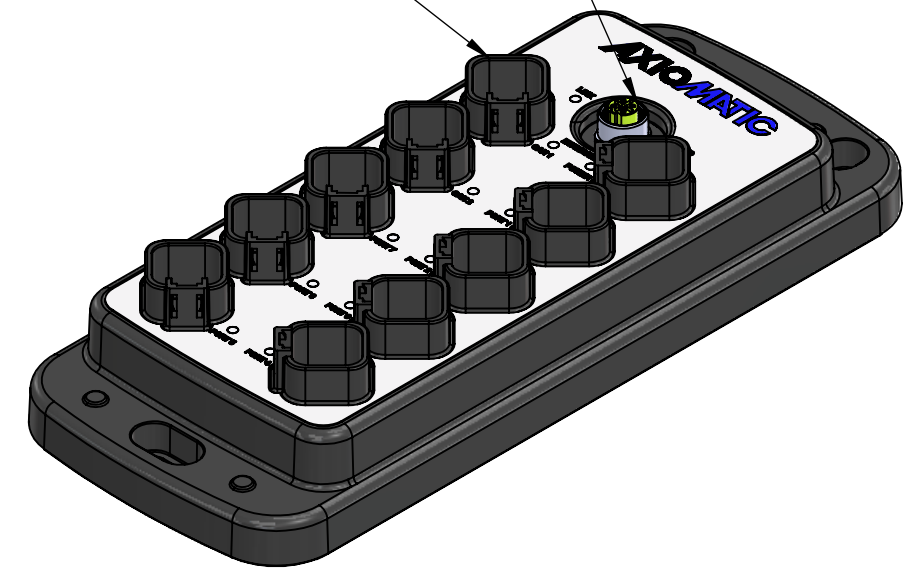


REVISION HISTORY				
REV.	DESCRIPTION	DATE	DRAWN	APPROVED
P1-D1	INITIAL RELEASED	2026-04-01	JA	GDV

PORT ON SCHEMATIC / PORT ON OVERLAY			
SCHEMATIC LABEL	OVERLAY LABEL	SCHEMATIC LABEL	OVERLAY LABEL
J3	CAN 1	J9	PORT 1
J4	CAN 2	J10	PORT 2
J5	PORT 7	J11	PORT 3
J6	PORT 6	J12	PORT 4
J7	PORT 5	J13	ETHERNET
J8	POWER	-	-

**BINDER 99-3732-201-04
4 Pin Female M12 connector**

**10 X Deutsch DT15-6P
connectors
Mating with DT06-6S**



UNIT LABEL DETAIL

PROPRIETARY AND CONFIDENTIAL				AXIOMATIC TECHNOLOGIES CORPORATION 1445 COURTNEY PARK DR E MISSISSAUGA, ON CANADA L5T2E3 905-602-9270			
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.							
DIMENSIONS ARE IN [mm]		MATERIAL	N/A	DRAWN	JA	DATE	2026-04-01
UNLESS OTHERWISE SPECIFIED IN DRAWING TOLERANCE ON:		FINISH	N/A	QA	CM	DATE	-
X.XXX [.XX] ± 0.008 [0.20]		THIRD ANGLE PROJECTION		APPROVED	GDV	DATE	-
X.XX [X.X] ± 0.02 [0.51]		TOOL	SOLIDWORKS	SCALE	1:1.5	PART NO	AX021400
X.X ± 0.4 [1.00]		SIZE	B	SHEET	SHEET 1 OF 2		
ANGLES ± 1.0°				TITLE: MULTIFUNCTION VALVE CONTROLLER			
Others follow ISO 2768-2, tolerance class K				DWG REV		PART REV	
				D1		P1	

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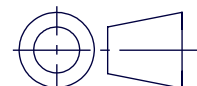
2

1

CONNECTOR PINOUT

PORT 1 PINOUT		PORT 2 PINOUT		PORT 3 PINOUT		PORT 4 PINOUT		POWER PINOUT		ETHERNET	
PIN	DESCRIPTION	PIN	DESCRIPTION	PIN	DESCRIPTION	PIN	DESCRIPTION	PIN	DESCRIPTION	PIN	DESCRIPTION
1	POUT 3	1	POUT 6	1	POUT 9	1	POUT 12	1	BATT +	1	TX_P
2	POUT 2	2	POUT 5	2	POUT 8	2	POUT 11	2	BATT +	2	RX_P
3	POUT 1	3	POUT 4	3	POUT 7	3	POUT 10	3	DIN	3	TX_N
4	GND	4	GND	4	GND	4	GND	4	WAKE_IN	4	RX_N
5	GND	5	GND	5	GND	5	GND	5	GND	-	-
6	GND	6	GND	6	GND	6	GND	6	GND	-	-

PORT 5 PINOUT		PORT 6 PINOUT		PORT 7 PINOUT		CAN 2 PINOUT		CAN 1 PINOUT	
PIN	DESCRIPTION	PIN	DESCRIPTION	PIN	DESCRIPTION	PIN	DESCRIPTION	PIN	DESCRIPTION
1	RLY2_NO	1	ENC_B	1	UIN 7	1	UIN 4	1	UIN 2
2	RLY2_C	2	ENC_A	2	UIN 6	2	UIN 3	2	UIN 1
3	RLY2_NC	3	P5V0_REF	3	UIN 5	3	CAN2_H	3	CAN1_H
4	RLY1_NC	4	UIN8	4	GND	4	CAN2_L	4	CAN1_L
5	RLY1_C	5	MAG_IN	5	GND	5	GND	5	GND
6	RLY1_NO	6	GND	6	GND	6	GND	6	GND

<p>PROPRIETARY AND CONFIDENTIAL</p> <p>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.</p>		<p>AXIOMATIC TECHNOLOGIES CORPORATION 1445 COURTNEY PARK DR E MISSISSAUGA, ON CANADA L5T2E3 905-602-9270</p>					
<p>DIMENSIONS ARE mm[IN]</p> <p>UNLESS OTHERWISE SPECIFIED IN DRAWING TOLERANCE ON:</p> <p>X.XXX [.XX] ± 0.008 [0.20] X.XX [X.X] ± 0.02 [0.51] X.X ± 0.4 [1.00] ANGLES ± 1.0° Others follow ISO 2768-2, tolerance class K</p>		<p>MATERIAL: N/A</p> <p>FINISH: N/A</p> <p>THIRD ANGLE PROJECTION</p>  <p>TOOL: SOLIDWORKS</p> <p>SIZE: B</p>		<p>DRAWN: JA</p> <p>DATE: 2026-04-01</p> <p>QA: CM</p> <p>DATE: -</p> <p>APPROVED: GDV</p> <p>DATE: -</p>		<p>TITLE: MULTIFUNCTION VALVE CONTROLLER</p> <p>DWG REV: D1</p> <p>DWG NO: AX021400-MD</p> <p>PART REV: P1</p> <p>SCALE: 2:1</p> <p>PART NO: AX021400</p> <p>SHEET: SHEET 2 OF 2</p>	

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