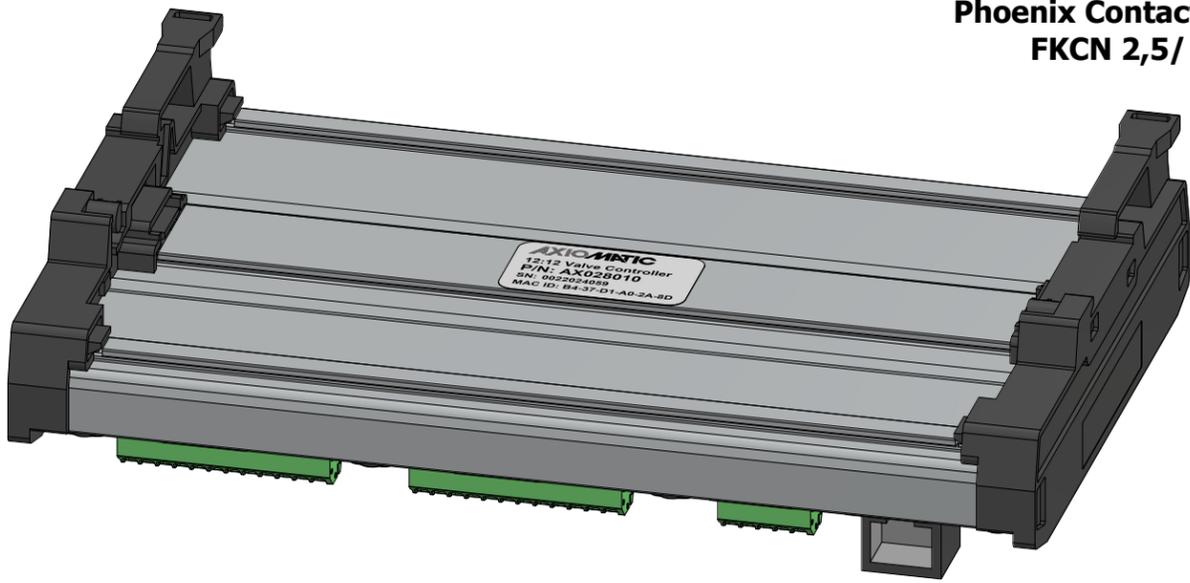


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Phoenix Contact 1754568
FKCN 2,5/ 2-ST-5,08

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
R1-D1	initial release	August 22-2023	GDV
R1-D2	C-LOCK UPDATED	January 11-2024	GDV
P3-D1	PCB updates	November 1-2024	GDV
A-D1	RFA24-0105	December 22-2025	GDV

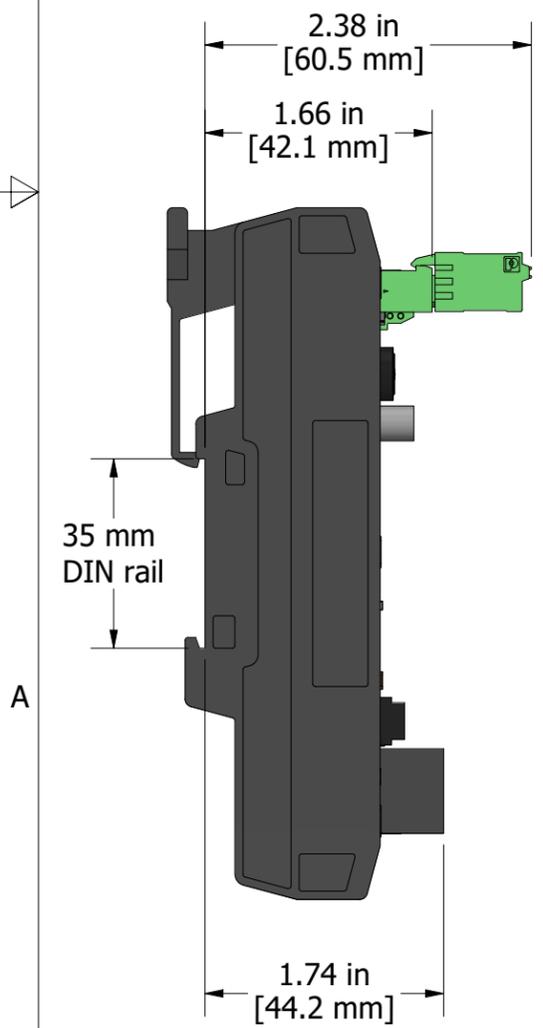
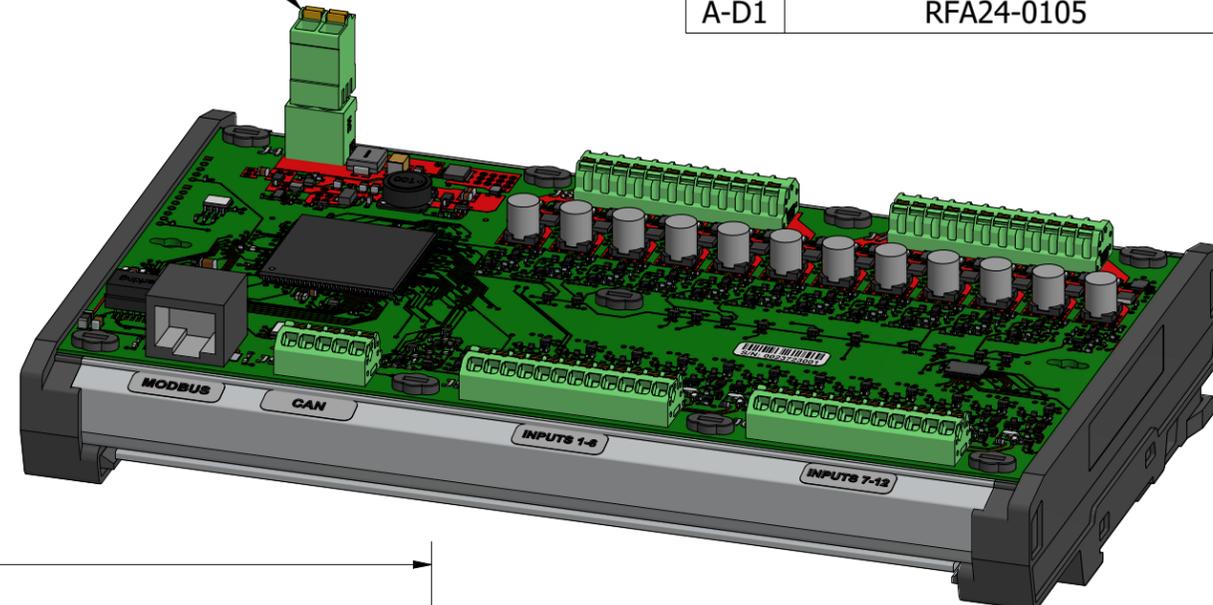
AXIOMATIC
 12:12 Valve Controller
 P/N: AX028010
 SN: 0022024059
 MAC ID: B4-37-D1-A0-2A-8D

unit label

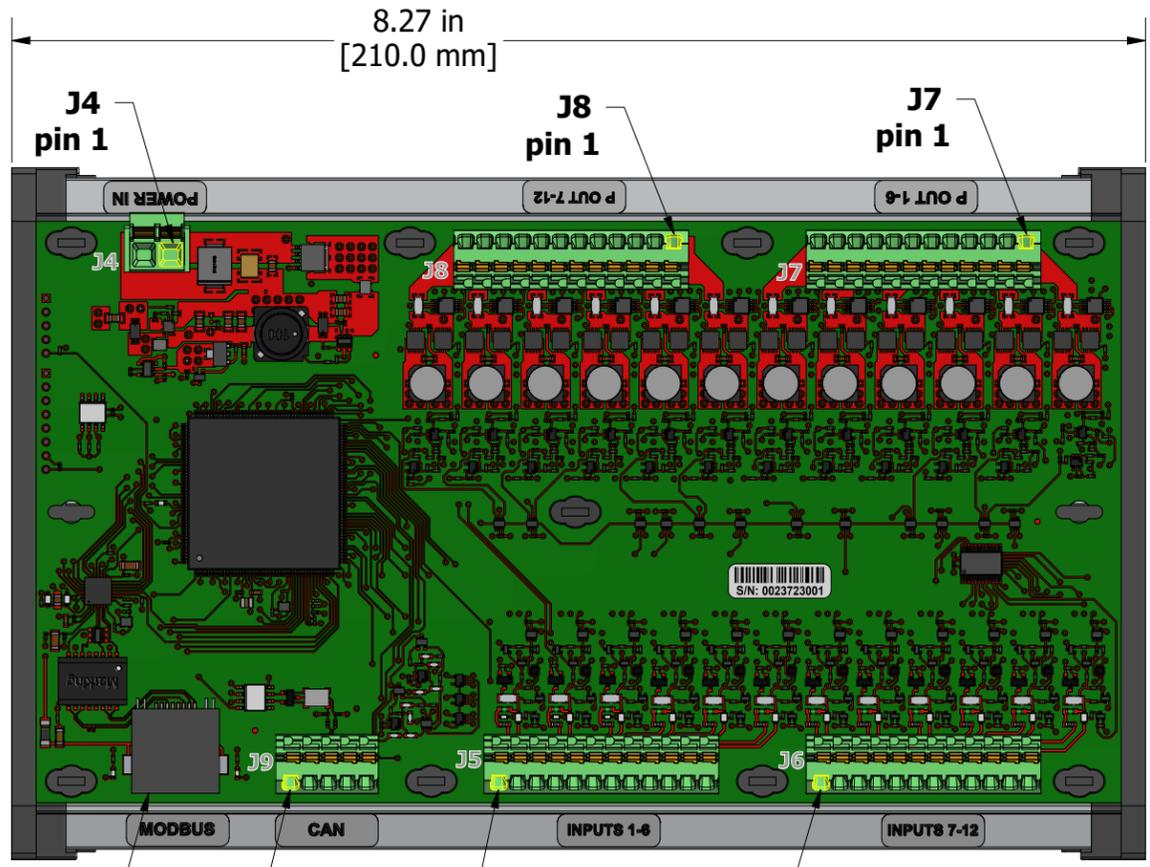
J9 CAN	
pin	signal
1	CAN_H
2	CAN_L
3	CAN_SH
4	Not Used
5	Not Used

B

B



A



J4 power	
pin	signal
1	BATT +
2	BATT -

J3 Ethernet	
pin	signal
1	TX_P
2	TX_N
3	RX_P
4	Not Used
5	Not Used
6	RX_N
7	Not Used
8	Not Used

J6 inputs	
pin	signal
1	IN 7
2	GND
3	IN 8
4	GND
5	IN 9
6	GND
7	IN 10
8	GND
9	IN 11
10	GND
11	IN 12
12	GND

J5 inputs	
pin	signal
1	IN 1
2	GND
3	IN 2
4	GND
5	IN 3
6	GND
7	IN 4
8	GND
9	IN 5
10	GND
11	IN 6
12	GND

J8 proportional outputs	
pin	signal
1	POUT 7
2	GND
3	POUT 8
4	GND
5	POUT 9
6	GND
7	POUT 10
8	GND
9	POUT 11
10	GND
11	POUT 12
12	GND

J7 proportional outputs	
pin	signal
1	POUT 1
2	GND
3	POUT 2
4	GND
5	POUT 3
6	GND
7	POUT 4
8	GND
9	POUT 5
10	GND
11	POUT 6
12	GND

4.99 in [126.7 mm]

PROPRIETARY
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 905-602-9270

DIMENSIONS ARE IN INCHES [mm]
 UNLESS OTHERWISE SPECIFIED IN DRAWING TOLERANCE ON:
 X.XXX [.XX] ± 0.008 [0.20]
 X.XX [X.X] ± 0.02 [0.51]
 (X.XX [X.X]) ± 0.04 [1.00]
 ANGLES ± 1.0°
 Others follow ISO 2768-2, tolerance class K

MATERIAL	NA	DRAWN	TF	DATE	2023-08-22
FINISH	NA	CHECKED	AW	DATE	2024-11-01
THIRD ANGLE PROJECTION	TOOL	APPROVED	GDV	DATE	2024-11-01
	INVENTOR	SIZE	B		

TITLE		12 Input 12 Output Valve Controller, J1939		
DWG REV	DWG NO	PART REV		
D1	AX028010-MD	A		
SCALE	PART NO	SHEET		
0.75	AX028010	1 of 1		

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