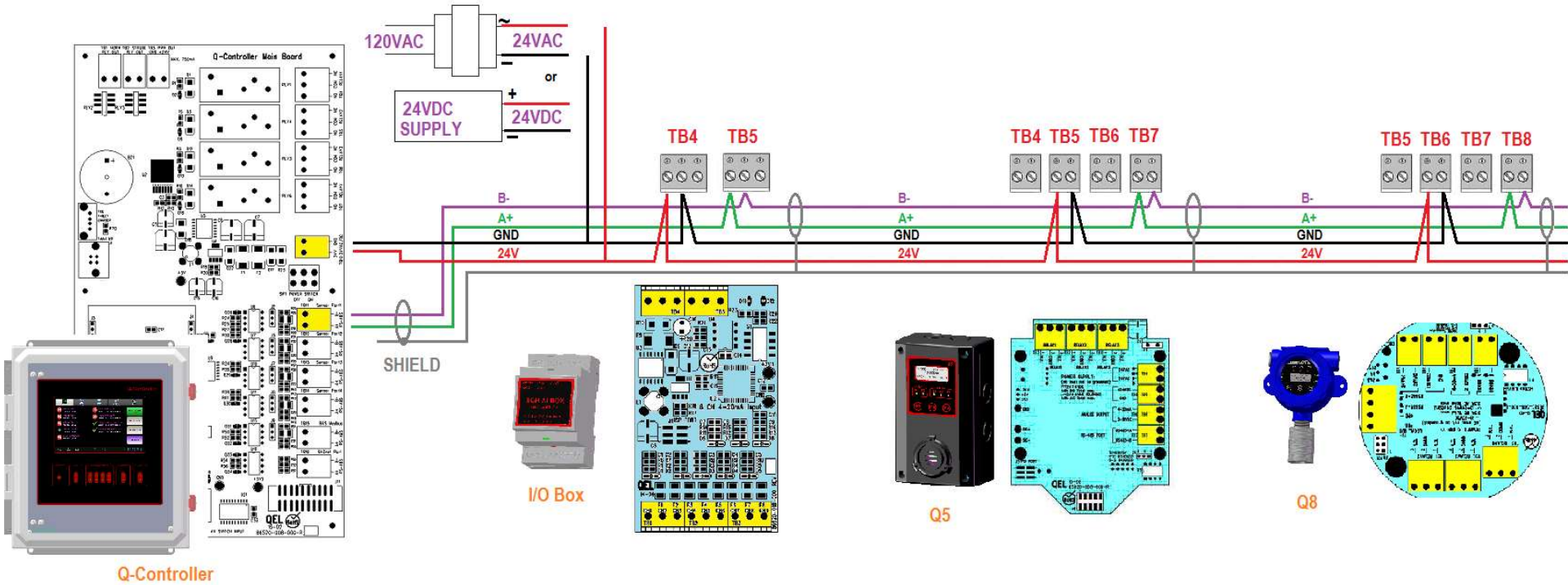


GENERAL:

REVISIONS				
ECN	REV.	DESCRIPTION	DATE	APPROVED
1256	A	FIRST RELEASE	2024/10/08	XY

Recommend Connection for New Installations

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	See Sheet1	-	-



Note:

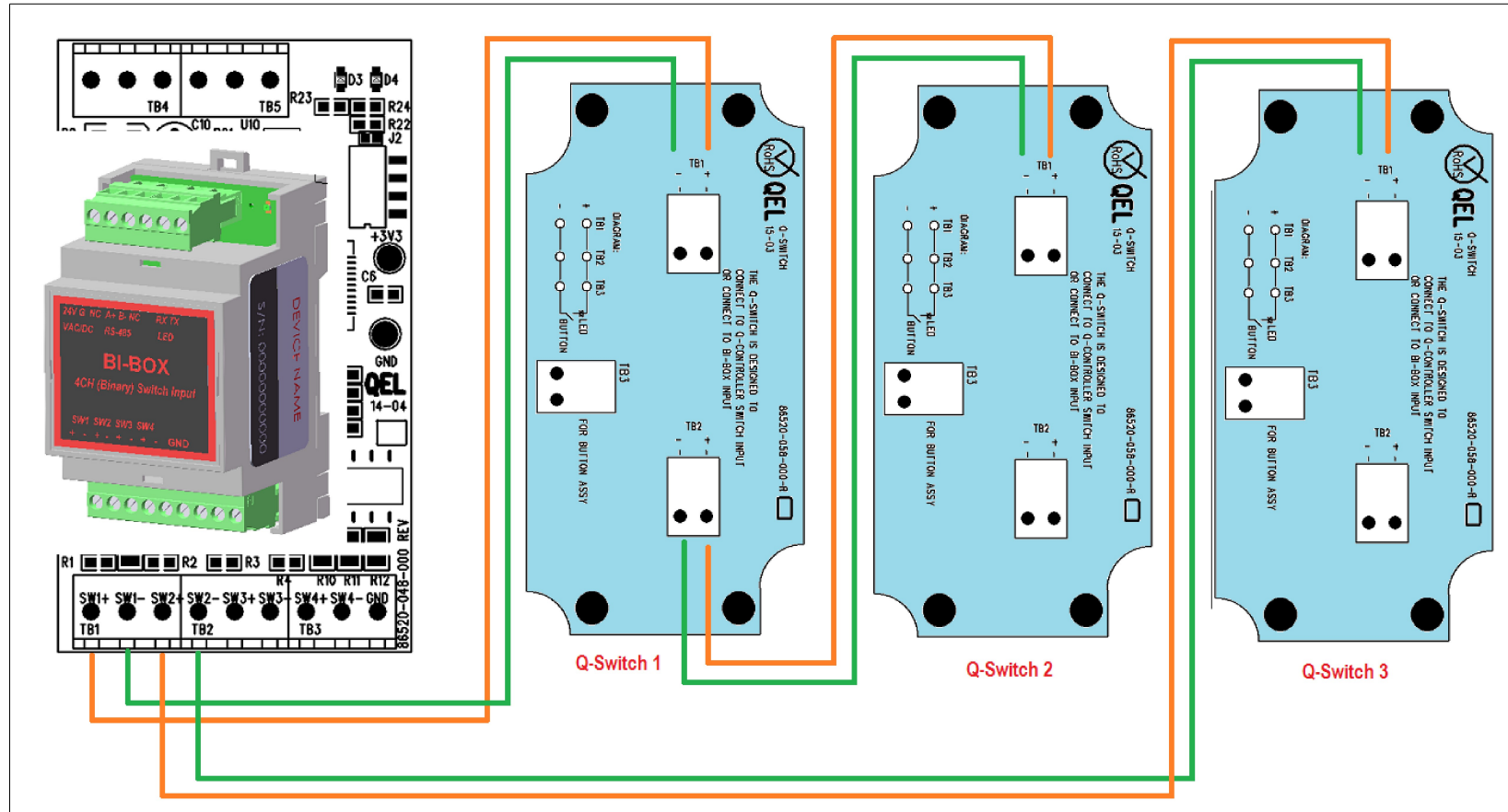
1. The power supply can be 24VAC or DC as every device uses a half-wave rectifier in the drawing
2. The power negative may be grounded or floating
3. Don't mix full wave rectifiers device with this system
4. RS-485 cable should be wired from one sensor to another without tees or stub. Power cable does not matter
5. Before power up, the polarity of the 24VAC power supply should be checked carefully, reversing polarity on the network will cause the RS-485 driver chips blow up
6. The I/O Box in the drawing can be AI-Box, AO-Box, BI-Box or BO-Box

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Greystone Energy Systems Inc.			
		DIMENSIONS ARE IN INCHES	DRAWN			TITLE: BI-Box, GES Installation Drawing			
		TOLERANCES:	CHECKED						
		FRACTIONAL ±	ENG APPR.						
		ANGULAR: MACH ± BEND ±	MFG APPR.						
		TWO PLACE DECIMAL ±	Q.A.						
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE		DWG. NO.	REV
		INTERPRET GEOMETRIC TOLERANCING PER:				B		86550-006-005	A
		MATERIAL							
		FINISH							
	NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING							
			SCALE: 1:4 1 SHEET 2 OF 4						

BI-BOX Connection

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	See Sheet 1	-	-



Note:
Q-Switch1 and Q-Switch2 have the same functions
Q-Switch3 can be defined independently

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		UNLESS OTHERWISE SPECIFIED:		NAME		Greystone Energy Systems Inc.					
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN						TITLE: BI-Box, GES Installation Drawing		
			CHECKED								
			ENG APPR.								
			MFG APPR.								
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.								
		MATERIAL	COMMENTS:			SIZE DWG. NO. REV B 86550-006-005 A					
NEXT ASSY	USED ON	FINISH									
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:4 WEIGHT: SHEET 3 OF 4					

Address Table:

Module Address	Dip Switch Setting				
	A0	A1	A2	A3	J2
0	OFF	OFF	OFF	OFF	Open
1	ON	OFF	OFF	OFF	Open
2	OFF	ON	OFF	OFF	Open
3	ON	ON	OFF	OFF	Open
4	OFF	OFF	ON	OFF	Open
5	ON	OFF	ON	OFF	Open
6	OFF	ON	ON	OFF	Open
7	ON	ON	ON	OFF	Open
8	OFF	OFF	OFF	ON	Open
9	ON	OFF	OFF	ON	Open
10	OFF	ON	OFF	ON	Open
11	ON	ON	OFF	ON	Open
12	OFF	OFF	ON	ON	Open
13	ON	OFF	ON	ON	Open
14	OFF	ON	ON	ON	Open
15	ON	ON	ON	ON	Open

16	OFF	OFF	OFF	OFF	Closed
17	ON	OFF	OFF	OFF	Closed
18	OFF	ON	OFF	OFF	Closed
19	ON	ON	OFF	OFF	Closed
20	OFF	OFF	ON	OFF	Closed
21	ON	OFF	ON	OFF	Closed
22	OFF	ON	ON	OFF	Closed
23	ON	ON	ON	OFF	Closed
24	OFF	OFF	OFF	ON	Closed
25	ON	OFF	OFF	ON	Closed
26	OFF	ON	OFF	ON	Closed
27	ON	ON	OFF	ON	Closed
28	OFF	OFF	ON	ON	Closed
29	ON	OFF	ON	ON	Closed
30	OFF	ON	ON	ON	Closed

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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	See Sheet1	-	-

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Greystone Energy Systems Inc. TITLE: BI-BOX, GES Installation Drawing
		DIMENSIONS ARE IN INCHES	DRAWN			
		TOLERANCES: FRACTIONAL: \pm ANGULAR: MACH: \pm BEND: \pm TWO PLACE DECIMAL: \pm THREE PLACE DECIMAL: \pm	CHECKED			
		INTERPRET GEOMETRIC TOLERANCING PER:	ENG APPR.			
		MATERIAL	MFG APPR.			
		FINISH	Q.A.			SIZE B DWG. NO. 86550-006-005 REV A
			COMMENTS:			
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING			SCALE: 1:4 WEIGHT: SHEET 4 OF 4