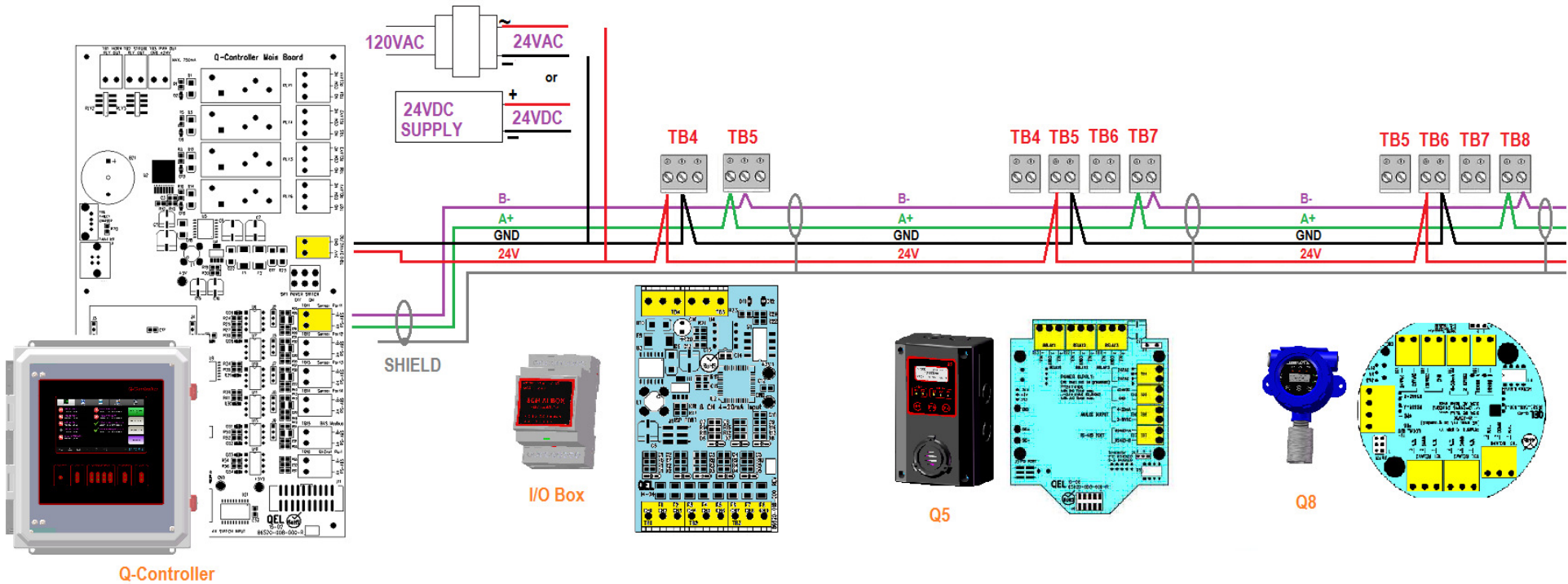


GENERAL:

REVISIONS				
ECN	REV.	DESCRIPTION	DATE	APPROVED
1061	A	FIRST RELEASE	2015-05-06	XY

Recommend Connection for New Installations

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



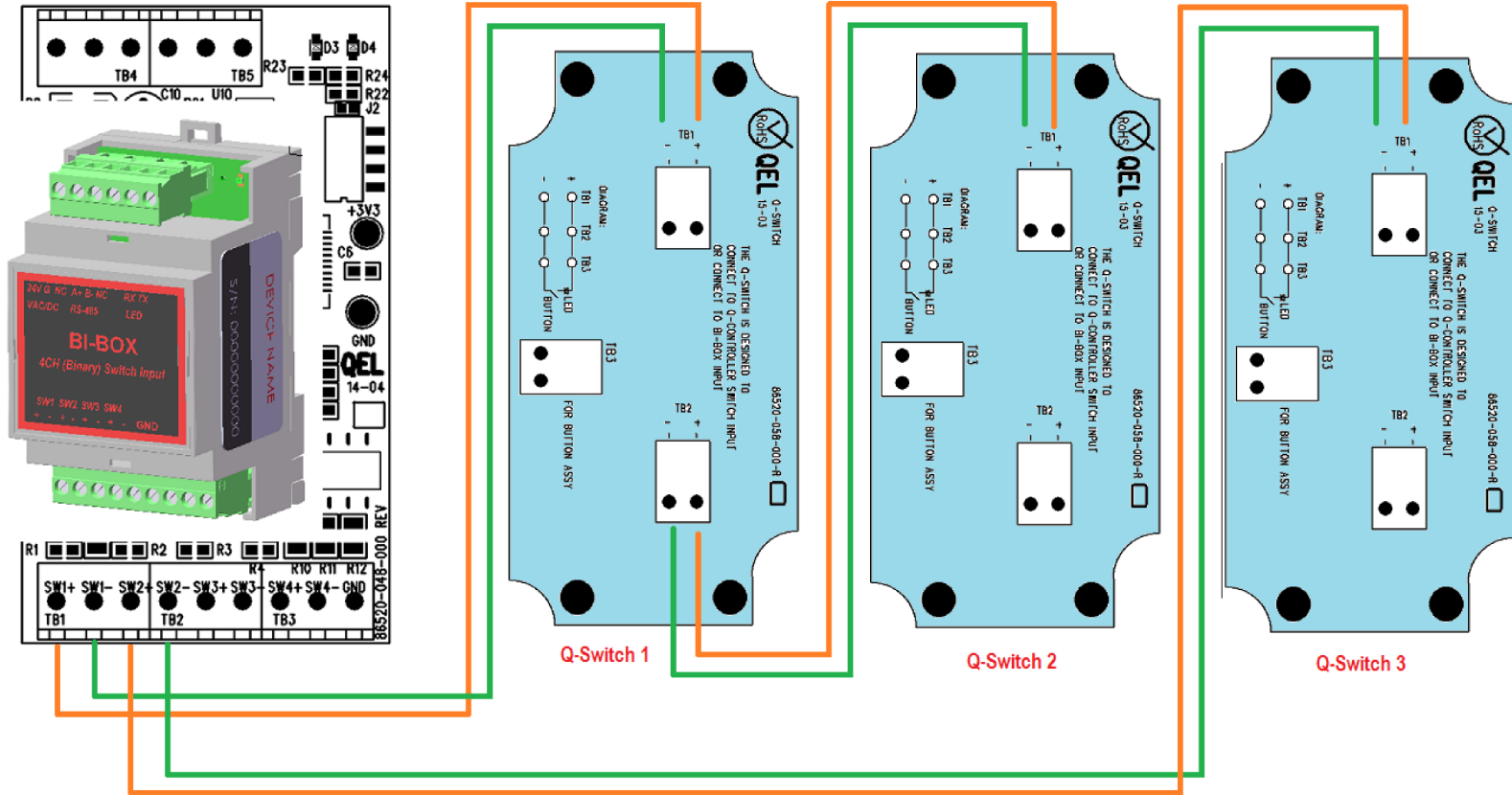
- Note:
1. The power supply can be 24VAC or DC as every device uses a half-wave rectifier in the drawing
 2. The power negative may be grounded or floating
 3. Don't mix full wave rectifiers device with this system
 4. RS-485 cable should be wired from one sensor to another without tees or stub. Power 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	QUATROSENSE ENVIRONMENTAL LTD		
		DIMENSIONS ARE IN INCHES	DRAWN			TITLE: BI-Box Installation Drawing		
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±				SIZE DWG. NO. REV B 86550-006-000 A		
		THREE PLACE DECIMAL ±	Q.A.					
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			SCALE: 1:4 1 SHEET 2 OF 4		
		MATERIAL						
		FINISH						
	NEXT ASSY	USED ON						
	APPLICATION		DO NOT SCALE DRAWING					

BI-BOX Connection

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



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

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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN			TITLE: <div style="text-align: center; font-size: 1.5em;">BI-Box Installation Drawing</div>		
				CHECKED					
				ENG APPR.					
				MFG APPR.					
				Q.A.					
			INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			SIZE	DWG. NO.	REV
			MATERIAL				<div style="font-size: 2em; font-weight: bold; text-align: center;">B</div>	<div style="font-size: 1.5em; text-align: center;">86550-006-000</div>	<div style="font-size: 2em; font-weight: bold; text-align: center;">A</div>
	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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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	QUATROSENSE ENVIRONMENT LTD	
		DIMENSIONS ARE IN INCHES				TITLE: BI-BOX Installation Drawing	
		TOLERANCES:		DRAWN			
		FRACTIONAL: \pm		CHECKED			
		ANGULAR: MACH \pm BEND \pm		ENG APPR.			
		TWO PLACE DECIMAL \pm		MFG APPR.			
		THREE PLACE DECIMAL \pm		Q.A.		COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
NEXT ASSY	USED ON	FINISH				SIZE B	DWG. NO. 86550-006-000
APPLICATION		DO NOT SCALE DRAWING				REV A	
						SCALE: 1:4	WEIGHT:
						SHEET 4 OF 4	