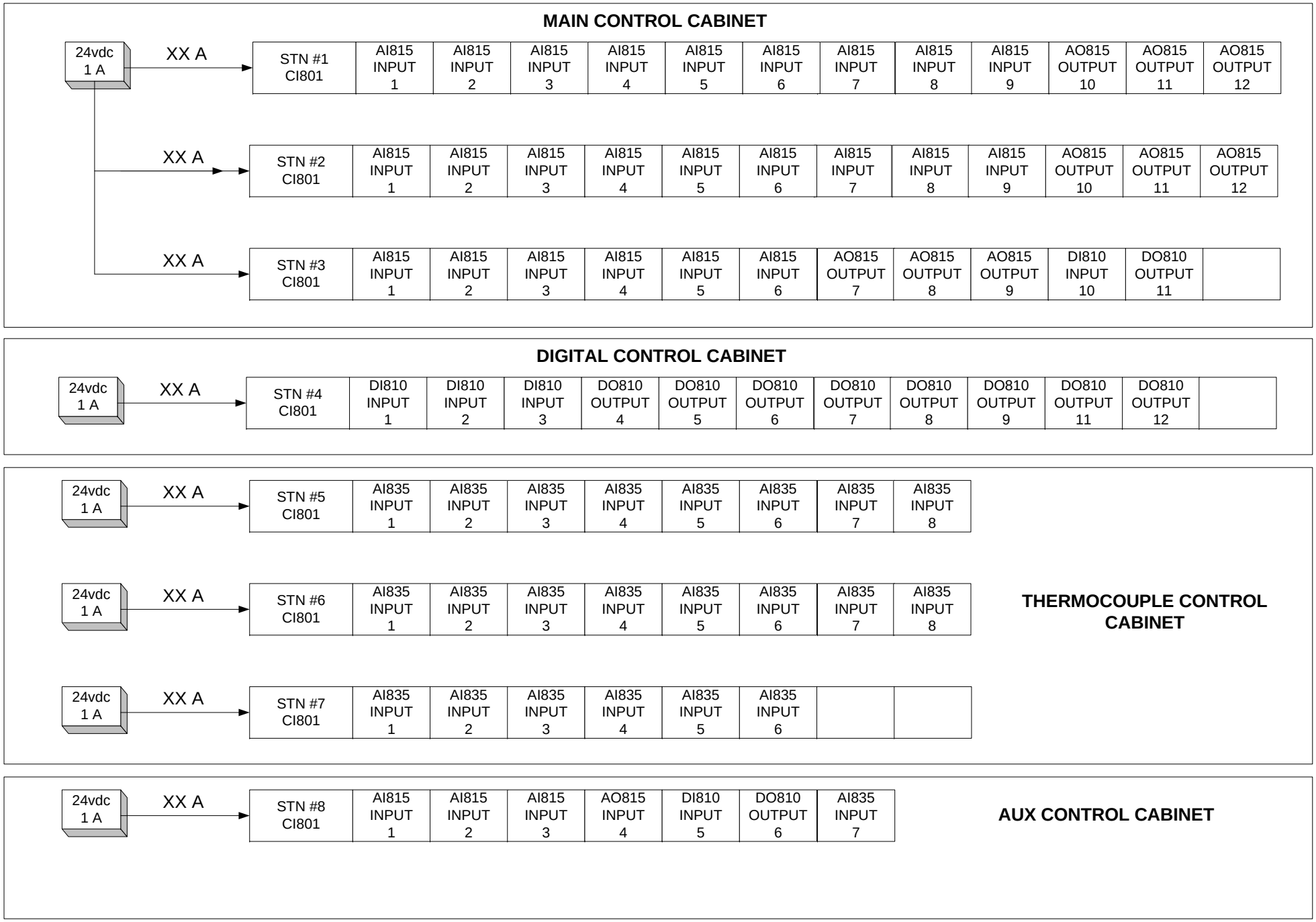
POWER DISTRIBUTION
OF 24 VDC POWER
FOR BUILDING 4 HIPROX SYSTEM



2 WIRE TRANSMITTER INTERNAL CABINET CONNECTION DIAGRAM 8 POINT MODULE - 4-20mA INPUT

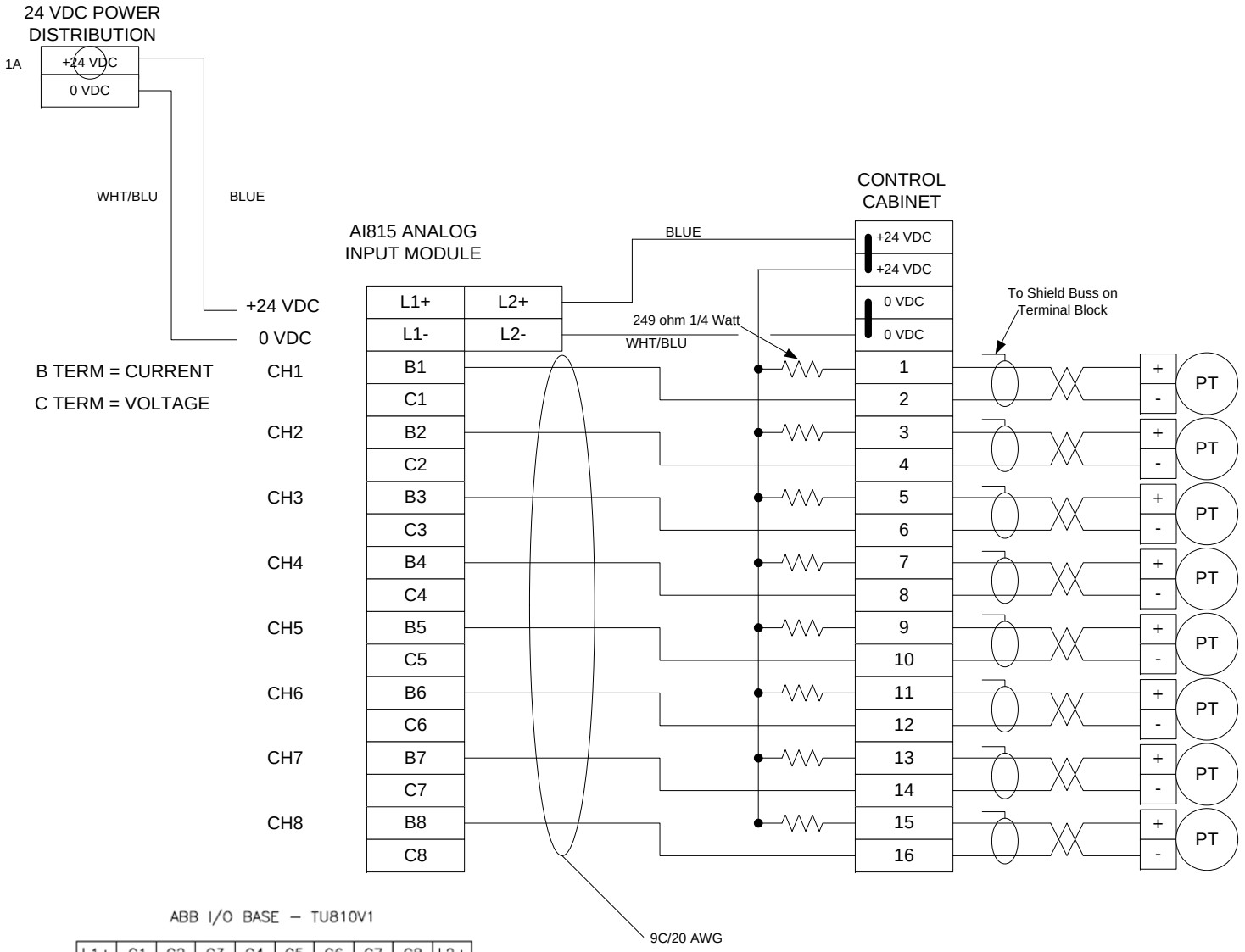
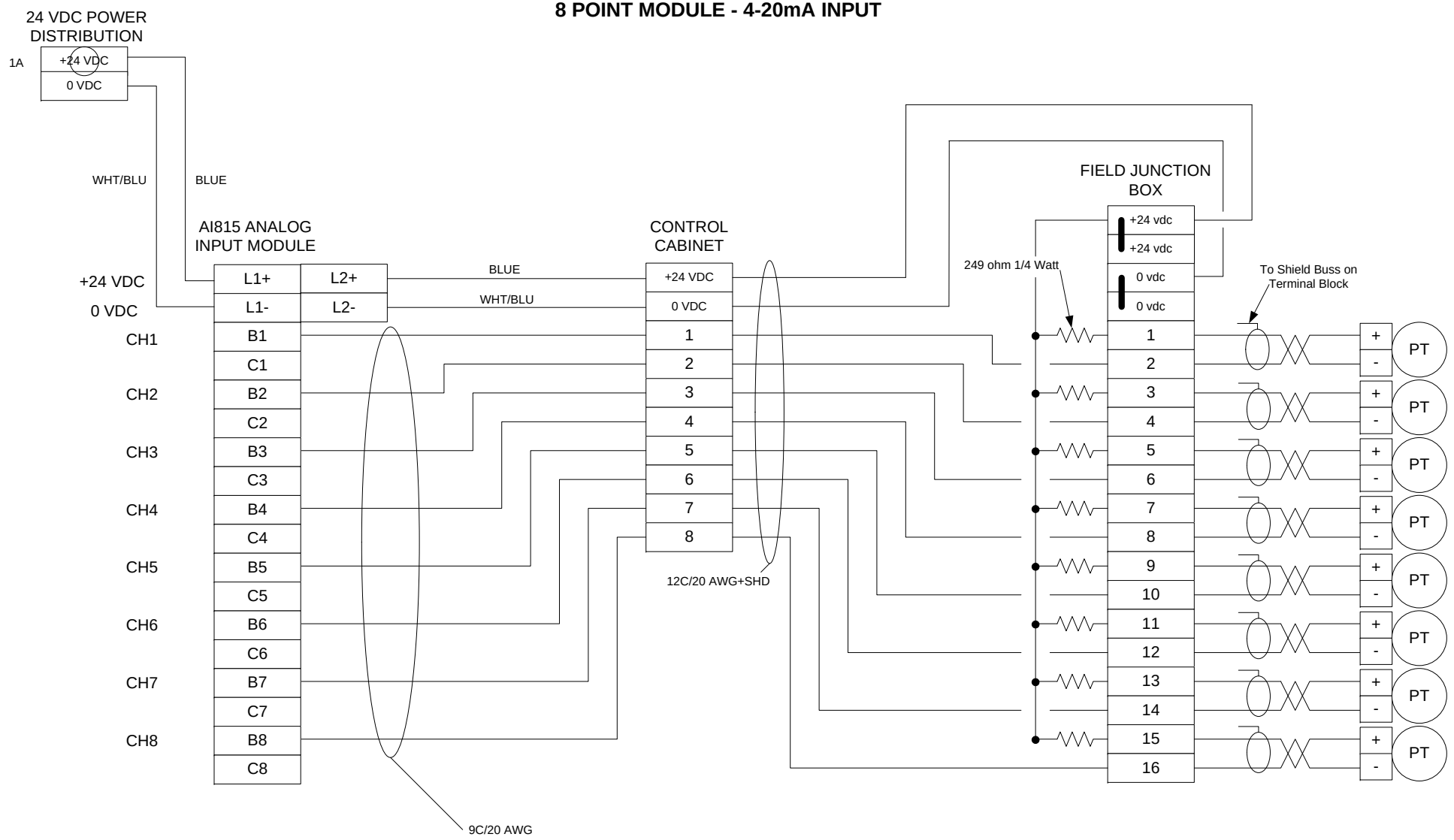


ABB I/O BASE – TU810V1

L1+	C1	C2	C3	C4	C5	C6	C7	C8	L2+
L1+	B1	B2	B3	B4	B5	B6	B7	B8	L2+
L1–	A1	A2	A3	A4	A5	A6	A7	A8	L2–

NOTE: L1+, L2+ ARE COMMON
NOTE: L1-, L2- ARE COMMON

2 WIRE TRANSMITTER EXTERNAL CABINET CONNECTION DIAGRAM 8 POINT MODULE - 4-20mA INPUT



B TERM = CURRENT

C TERM = VOLTAGE

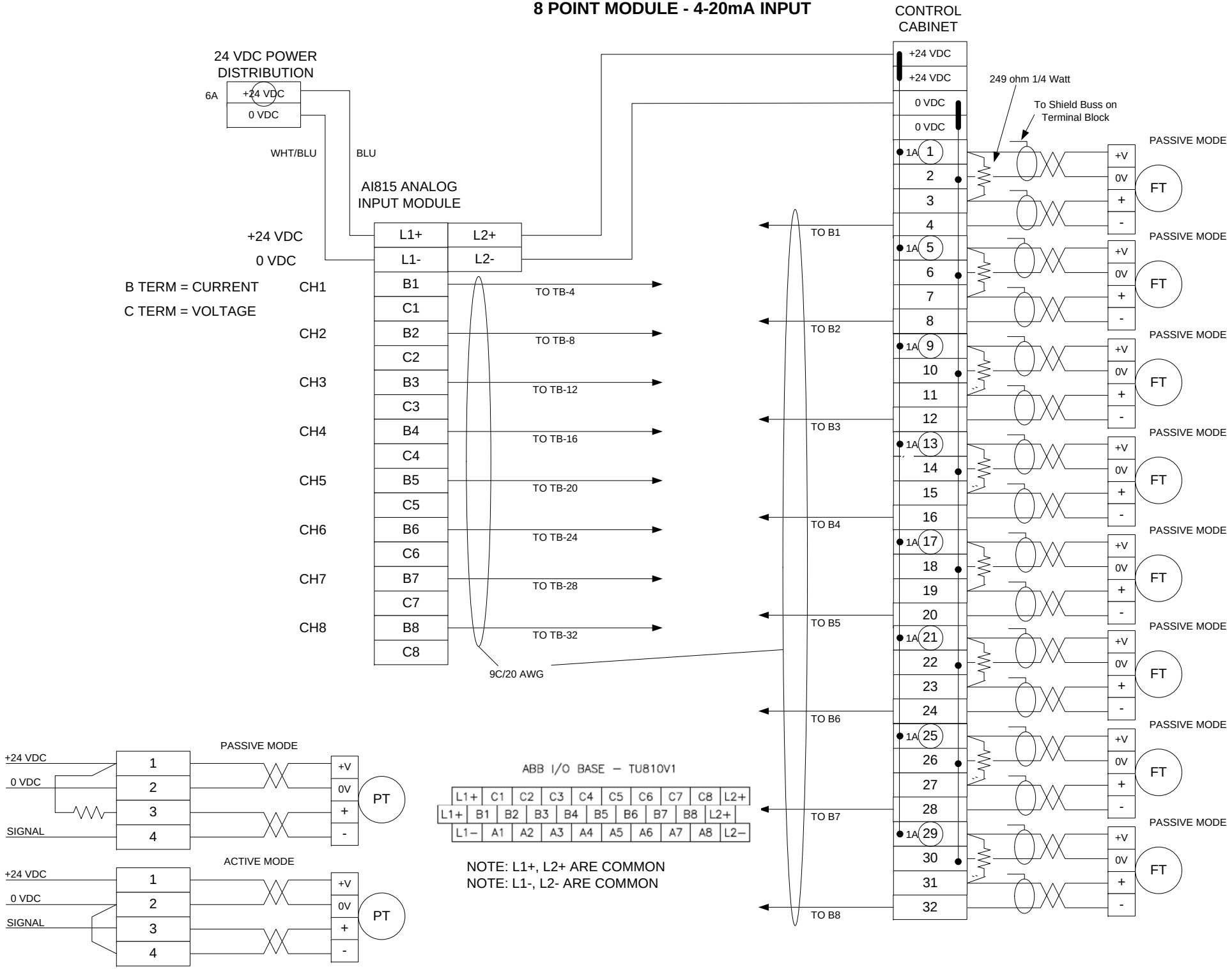
ABB I/O BASE – TU810V1

L1+	C1	C2	C3	C4	C5	C6	C7	C8	L2+
L1+	B1	B2	B3	B4	B5	B6	B7	B8	L2+
L1–	A1	A2	A3	A4	A5	A6	A7	A8	L2–

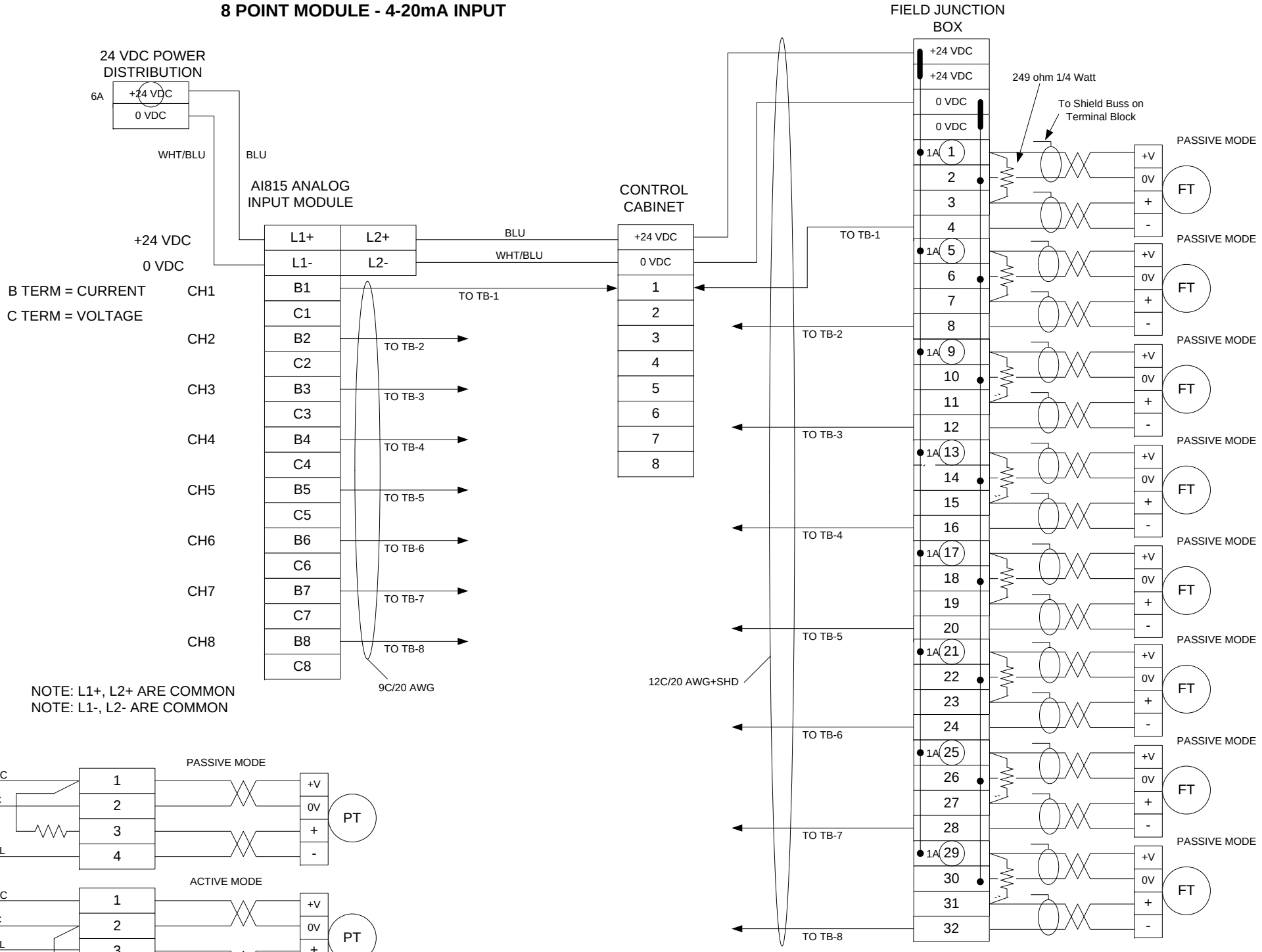
NOTE: L1+, L2+ ARE COMMON

NOTE: L1-, L2- ARE COMMON

4 WIRE TRANSMITTER INTERNAL CABINET CONNECTION DIAGRAM 8 POINT MODULE - 4-20mA INPUT



4 WIRE TRANSMITTER INTERNAL CABINET CONNECTION DIAGRAM 8 POINT MODULE - 4-20mA INPUT



ANALOG OUTPUT INTERNAL
CABINET CONNECTION DIAGRAM
8 POINT MODULE

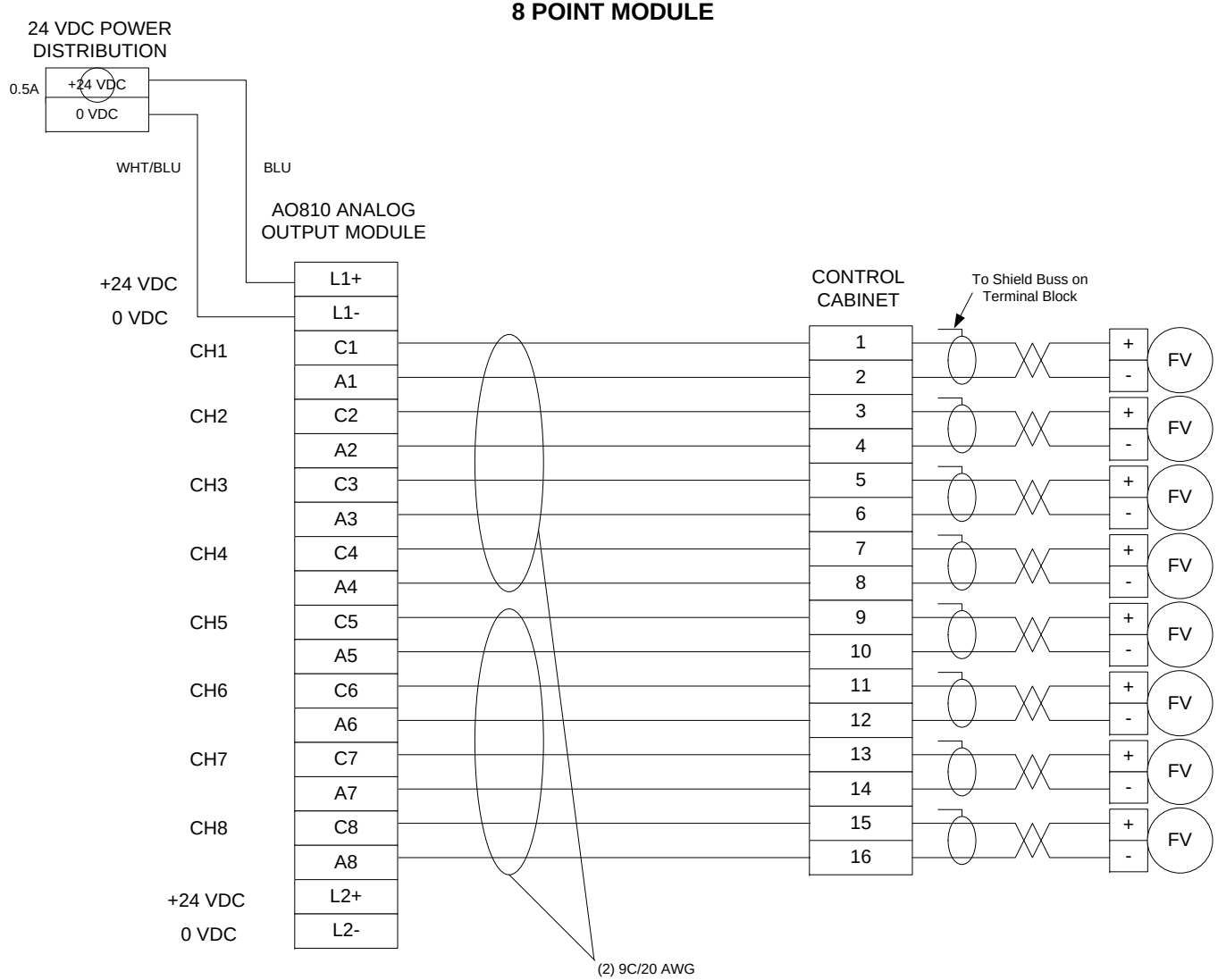


ABB I/O BASE – TU810V1

L1+	C1	C2	C3	C4	C5	C6	C7	C8	L2+
L1+	B1	B2	B3	B4	B5	B6	B7	B8	L2+
L1–	A1	A2	A3	A4	A5	A6	A7	A8	L2–

NOTE: L1+, L2+ ARE COMMON
NOTE: L1-, L2- ARE COMMON

NOTE: L1+, L2+ ARE ISOLATED
NOTE: L1-, L2- ARE ISOLATED

ANALOG OUTPUT EXTERNAL CABINET CONNECTION DIAGRAM 8 POINT MODULE

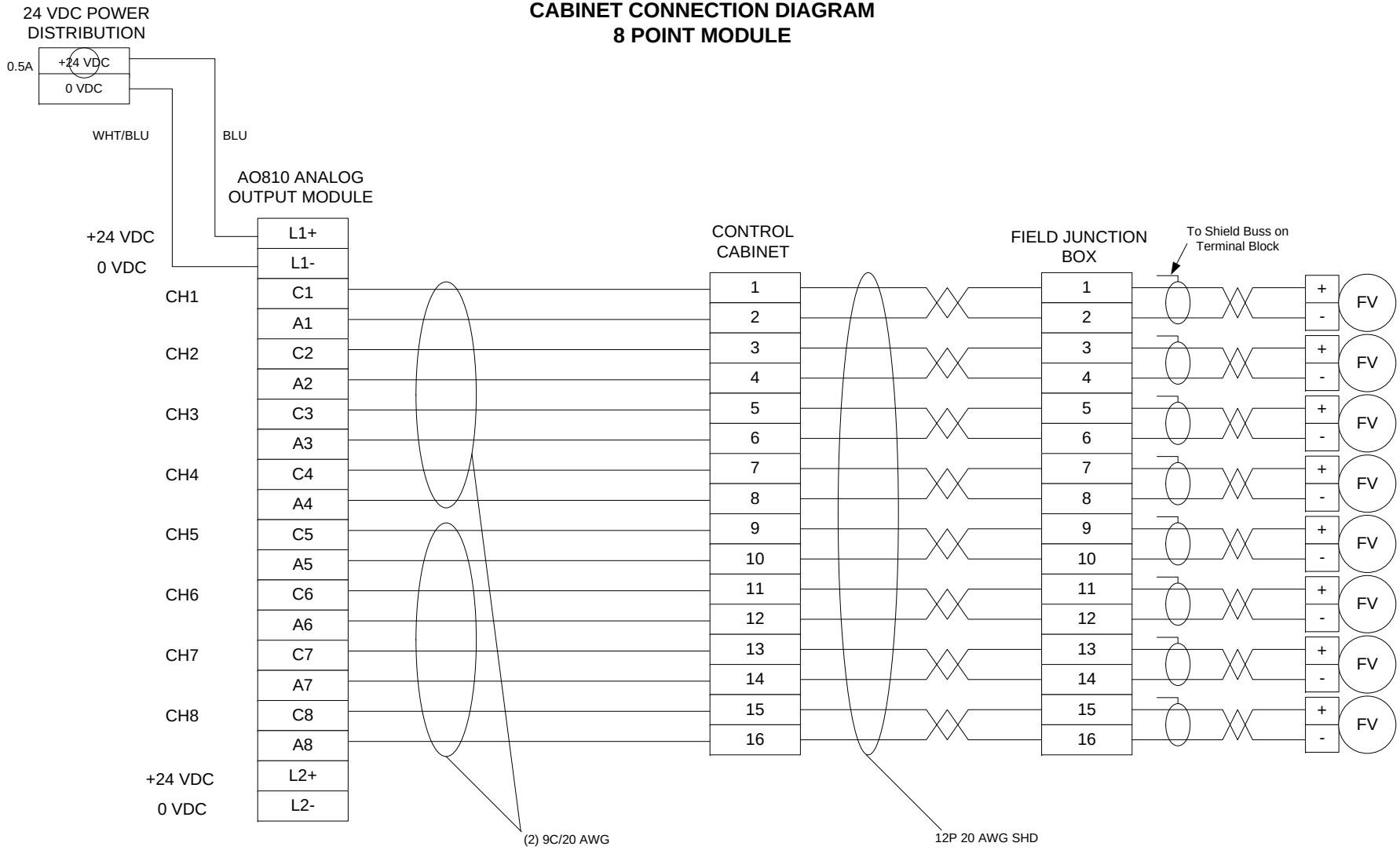
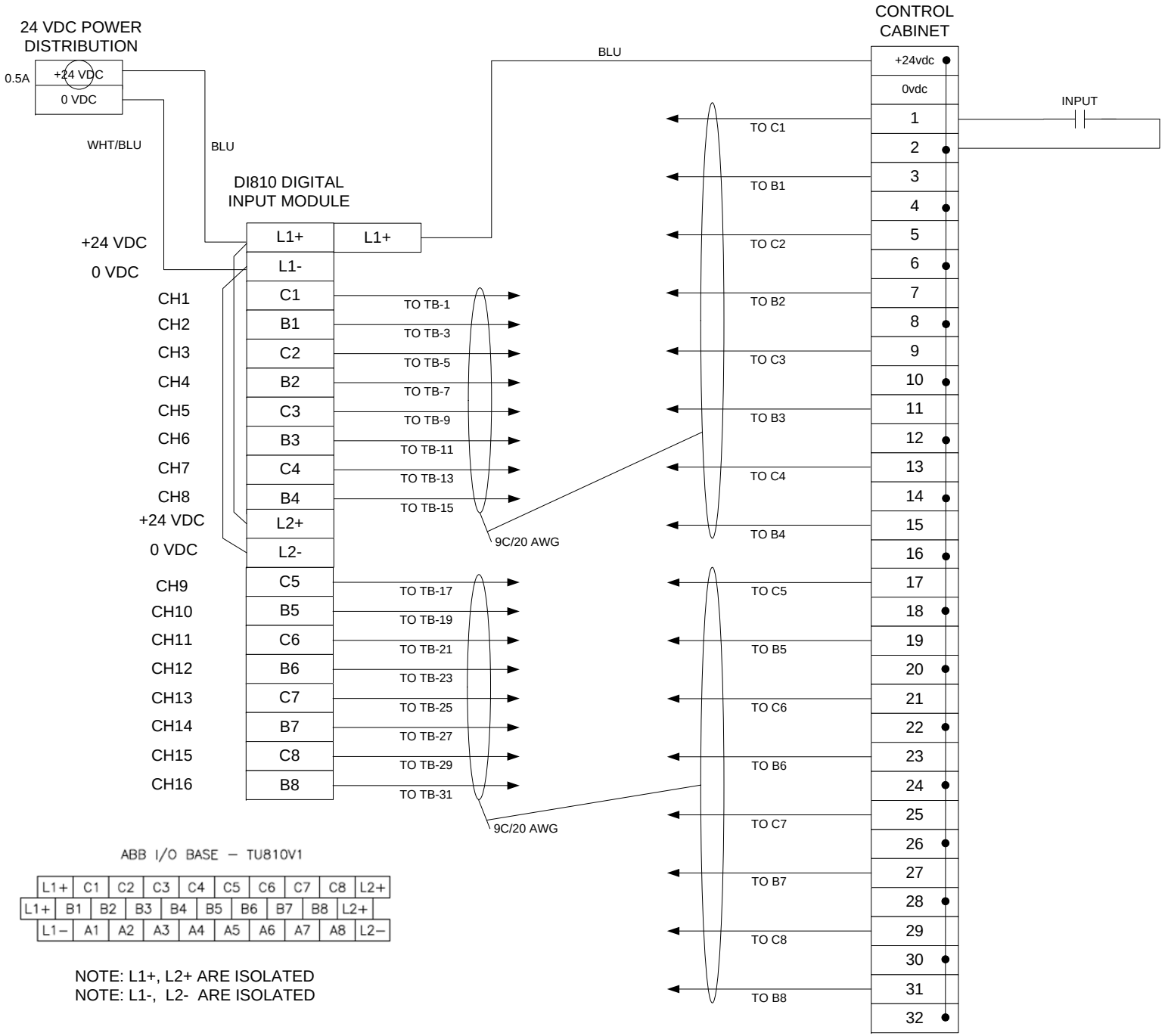


ABB I/O BASE – TU810V1

L1+	C1	C2	C3	C4	C5	C6	C7	C8	L2+
L1+	B1	B2	B3	B4	B5	B6	B7	B8	L2+
L1–	A1	A2	A3	A4	A5	A6	A7	A8	L2–

NOTE: L1+, L2+ ARE COMMON
NOTE: L1-, L2- ARE COMMON

DIGITAL INPUT INTERNAL
CABINET CONNECTION DIAGRAM
16 POINT MODULE



NOTE: L1+, L2+ ARE ISOLATED
NOTE: L1-, L2- ARE ISOLATED

DIGITAL INPUT EXTERNAL CABINET CONNECTION DIAGRAM 16 POINT MODULE

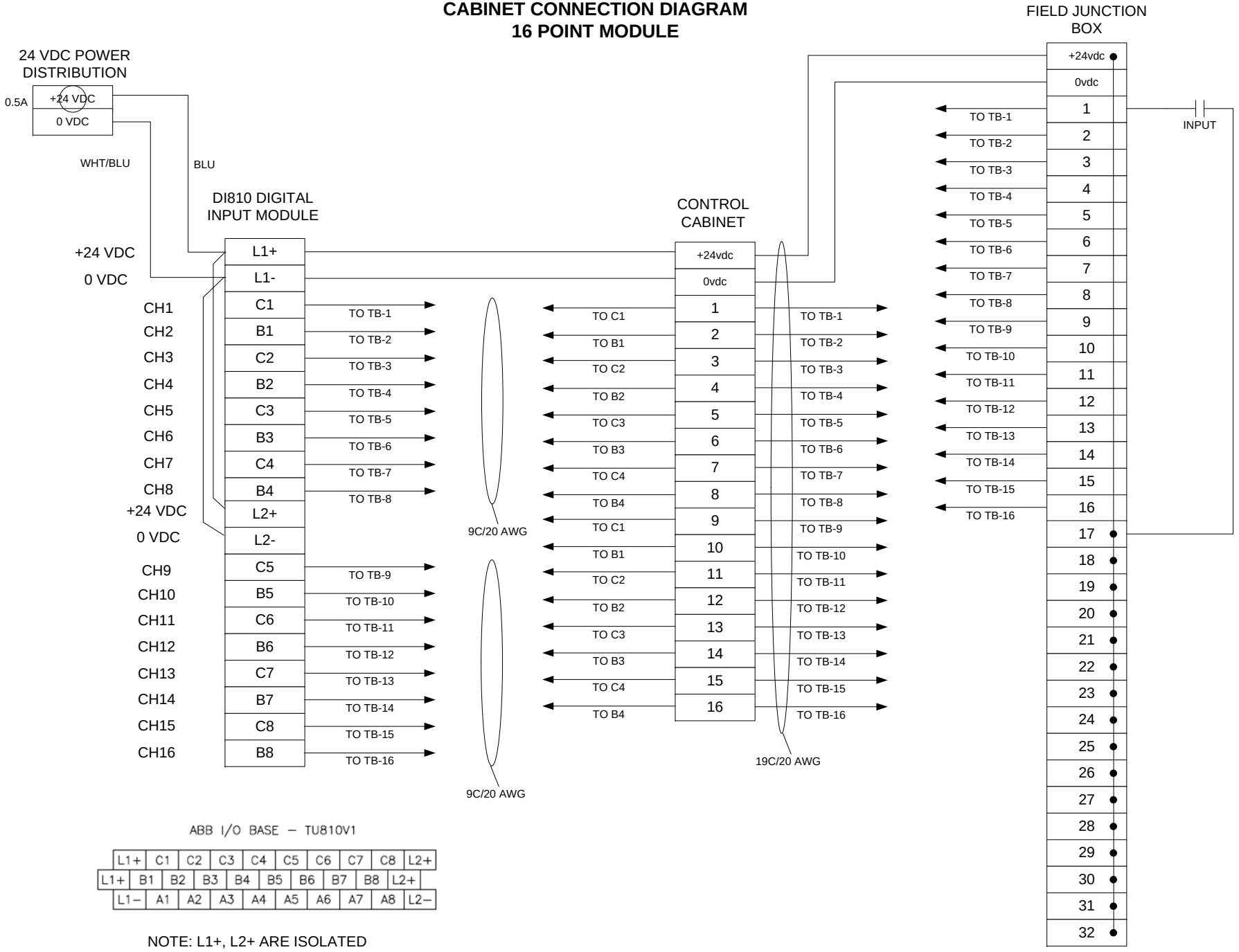
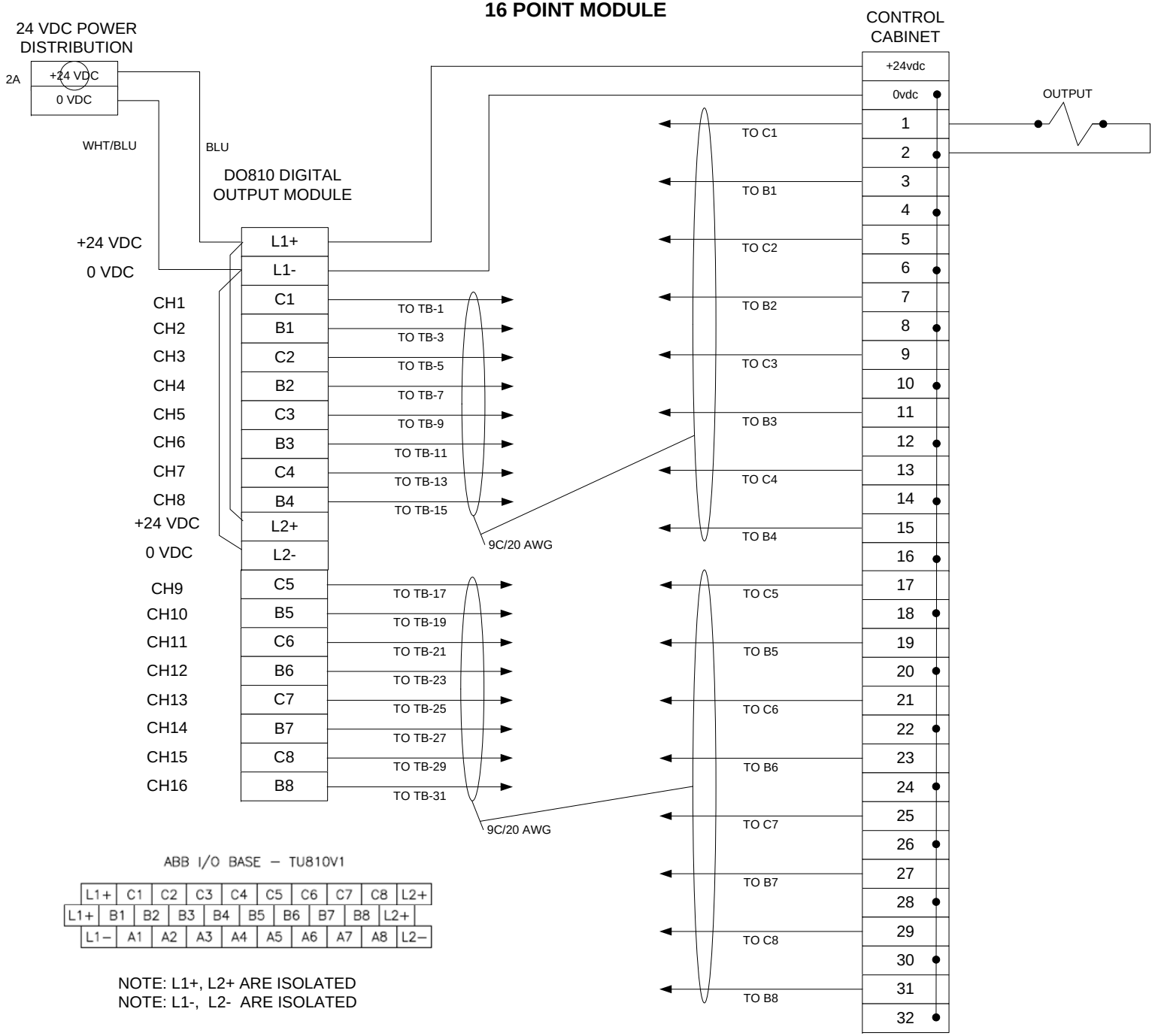


ABB I/O BASE – TU810V1

L1+	C1	C2	C3	C4	C5	C6	C7	C8	L2+	
L1+	B1	B2	B3	B4	B5	B6	B7	B8	L2+	
L1–	A1	A2	A3	A4	A5	A6	A7	A8	L2–	

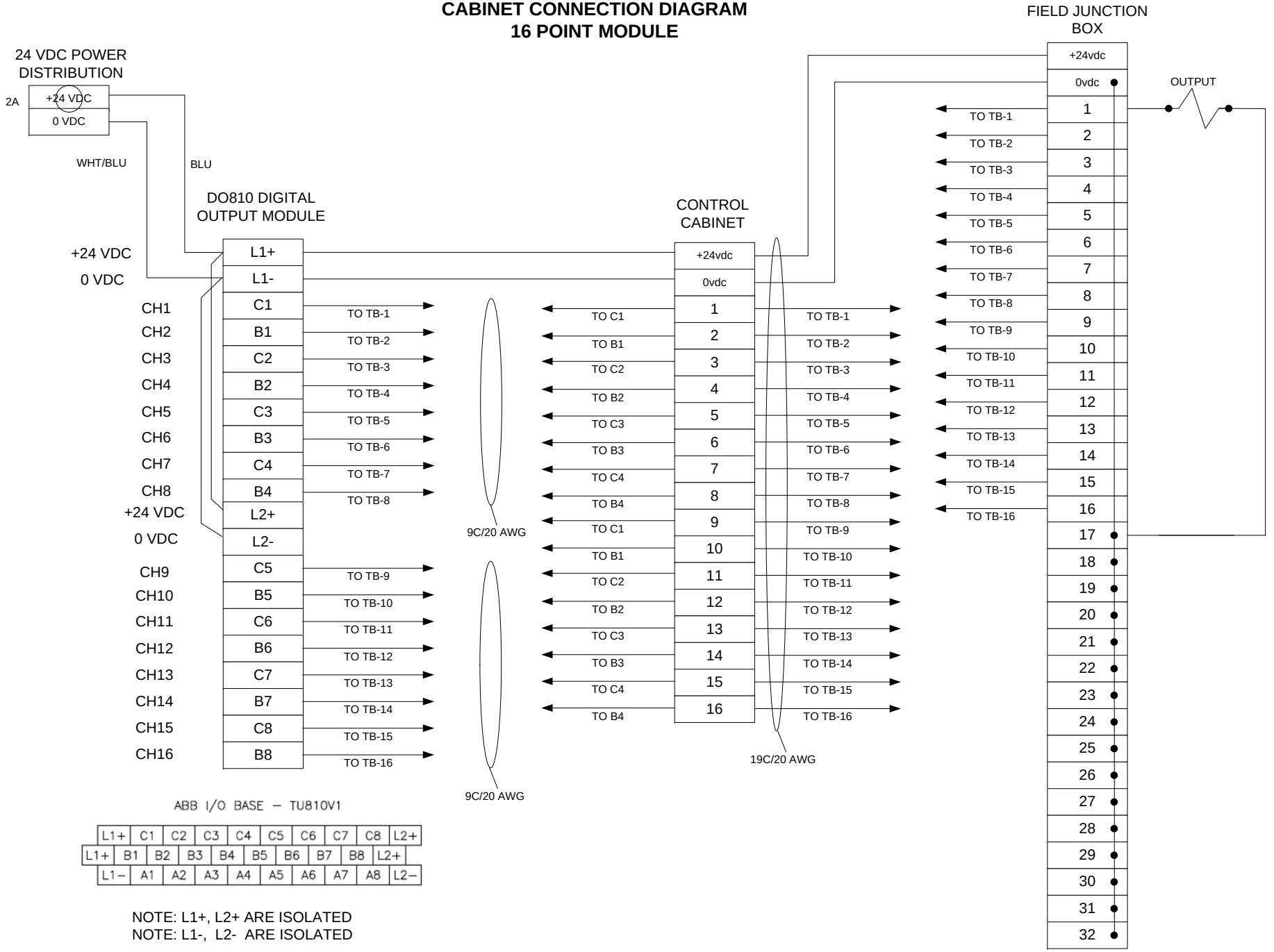
NOTE: L1+, L2+ ARE ISOLATED
NOTE: L1-, L2- ARE ISOLATED

DIGITAL OUTPUT INTERNAL CABINET CONNECTION DIAGRAM 16 POINT MODULE



NOTE: L1+, L2+ ARE ISOLATED
NOTE: L1-, L2- ARE ISOLATED

DIGITAL OUTPUT EXTERNAL CABINET CONNECTION DIAGRAM 16 POINT MODULE



NOTE: L1+, L2+ ARE ISOLATED
NOTE: L1-, L2- ARE ISOLATED