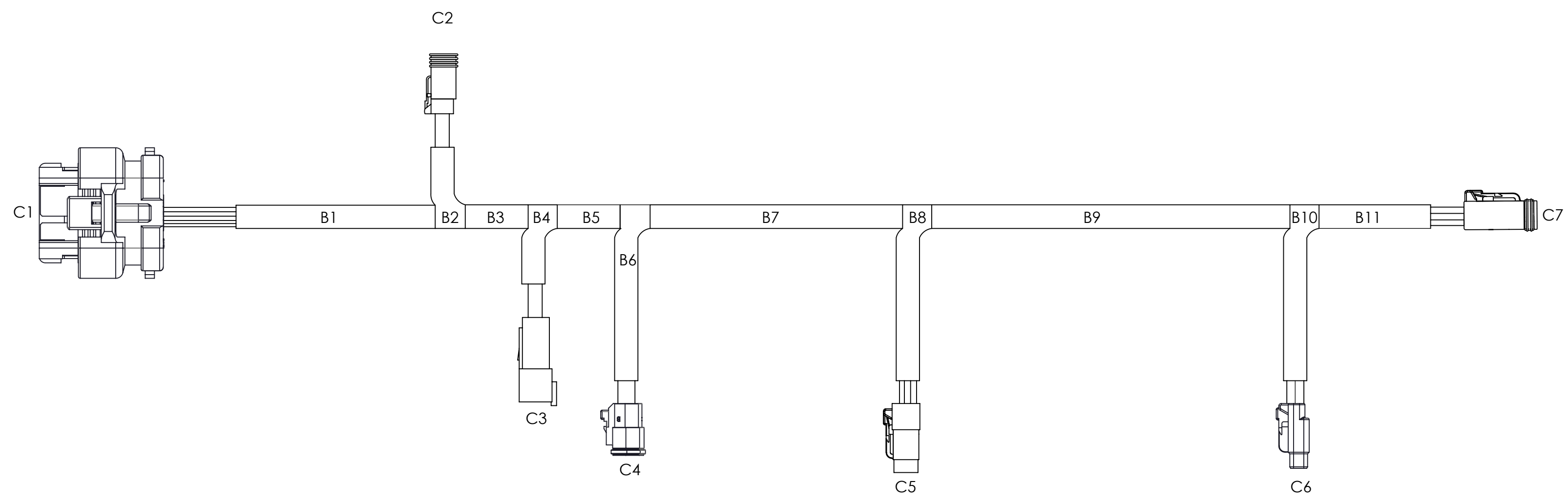


REVISIONS					
REV.	ZONE	DESCRIPTION	ECN/ERN	DATE	BY



Branch ID	Length (IN)
B1	13
B2	4
B3	1
B4	4
B5	1
B6	6
B7	6
B8	10
B9	4
B10	215
B11	4

- Note:**
1. All Branches and Cables wrapped in Tesa Tape P/N: 51036 or Nylon Wrapped
  2. Leave 1" wires untaped on All Branchs, unless otherwise specified
  3. Leave 2" wires untaped on Branch B11 at connector C7
  4. All Splices Soldered or Sonic Welded and covered in 2" of Adhesive Heatshrink

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES 2 PLACE DECIMAL ±0.030 3 PLACE DECIMAL ±0.010 EXCEPT DRILLED HOLES BREAK SHARP CORNERS ALL FILLETS AND RADII 0.12 R. FINISH 125/ INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 MATERIAL - THIRD ANGLE PROJECTION	DRAWN	NSZ	09/07/21		Muncie Power Products, Inc.		
	CHECKED	BCM	09/07/21		TITLE: <b>INDOT OMNI+ Control Harness</b>		
	ENG APPR.	KW	09/07/21		SIZE	DWG. NO.	REV
	COMMENTS:				<b>C</b>	<b>APWH86B</b>	<b>00</b>
SIMILAR TO:			SCALE: 1:2	WEIGHT:	SHEET 1 OF 2		
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Wire Number	Wire Label	Wire Color	Wire Gauge	Wire Type	Wire length(IN)	Source Connection	Source Connector P/N	Source Connector Manufacturer	Source Pin Location	Source Pin P/N	Destination Connection	Destination Connector P/N	Destination Connector Manufacturer	Destination Pin Location	Destination Pin P/N
W1	CAN-LO	Green	16	GXL	20	C1	776273-1	AMPSEAL	1	770520-1	S1	-	-	-	-
W2	CAN-HI	White	16	GXL	20	C1	776273-1	AMPSEAL	2	770520-1	S2	-	-	-	-
W3	AVL CAN-LO	Blue	16	GXL	20	C1	776273-1	AMPSEAL	3	770520-1	C3	DT04-2P	DEUTSCH	2	0460-202-16141
W4	AVL CAN-HI	Lt. Green	16	GXL	20	C1	776273-1	AMPSEAL	4	770520-1	C3	DT04-2P	DEUTSCH	1	0460-202-16141
W5	+12 Volts	Red	16	GXL	20	C1	776273-1	AMPSEAL	10	770520-1	S3	-	-	-	-
W6	Ground	Black	16	GXL	20	C1	776273-1	AMPSEAL	11	770520-1	S4	-	-	-	-
W7	CAN-LO	Green	16	GXL	17	S1	-	-	-	-	C5	DTM06-6S	DEUTSCH	4	1062-20-0144
W8	CAN-HI	White	16	GXL	17	S2	-	-	-	-	C5	DTM06-6S	DEUTSCH	3	1062-20-0144
W9	+12 Volts	Red	16	GXL	17	S3	-	-	-	-	C5	DTM06-6S	DEUTSCH	2	1062-20-0144
W10	Ground	Black	16	GXL	17	S4	-	-	-	-	C5	DTM06-6S	DEUTSCH	1	1062-20-0144
W11	CAN-LO	Green	16	GXL	10	S1	-	-	-	-	C2	DT06-2S	DEUTSCH	1	0462-201-16141
W12	CAN-HI	White	16	GXL	10	S2	-	-	-	-	C2	DT06-2S	DEUTSCH	2	0462-201-16141
W13	CAN-LO	Green	16	GXL	15	S1	-	-	-	-	C7	DT06-4S	DEUTSCH	4	0462-201-16141
W14	CAN-HII	White	16	GXL	15	S2	-	-	-	-	C7	DT06-4S	DEUTSCH	3	0462-201-16141
W15	+12 Volts	Red	16	GXL	15	S3	-	-	-	-	C7	DT06-4S	DEUTSCH	1	0462-201-16141
W16	Ground	Black	16	GXL	15	S4	-	-	-	-	C7	DT06-4S	DEUTSCH	2	0462-201-16141
W17	DIG 1	Gray	16	GXL	21	C1	776273-1	AMPSEAL	12	770520-1	C5	DT06-3S	DEUTSCH	A	0462-201-16141
W18	DIG2	Brown	16	GXL	21	C1	776273-1	AMPSEAL	13	770520-1	C4	DT06-3S	DEUTSCH	B	0462-201-16141
W19	DIG3	Orange	16	GXL	240	C1	776273-1	AMPSEAL	14	770520-1	C6	DTM06-3S	DEUTSCH	3	1062-20-0144
W20	+5 Volts	Yellow	16	GXL	240	C1	776273-1	AMPSEAL	5	770520-1	C6	DTM06-3S	DEUTSCH	1	1062-20-0144
W21	Ground	Black	16	GXL	220	S4	-	-	-	-	C6	DTM03-3S	DEUTSCH	2	1062-20-0144

**Legend:**

W = Wire

C = Connector

S = Splice

T = Terminal