



REVISIONS					
REV.	ZONE	DESCRIPTION	ECN/ERN	DATE	BY

Branch ID	Length (IN)	Branch ID	Length (IN)	Branch ID	Length (IN)	Branch ID	Length (IN)
B1	4	B14	26	B27	4	B40	2
B2	3	B15	20	B28	2	B41	5
B3	1	B16	2	B29	8	B42	5
B4	3	B17	7	B30	1	B43	3
B5	3	B18	7	B31	4	B44	6
B6	1	B19	24	B32	4	B45	1
B7	2	B20	5	B33	5	B46	6
B8	2	B21	4	B34	7	B47	4
B9	6	B22	6	B35	5	B48	5
B10	1	B23	3	B36	5	B49	6
B11	1	B24	8	B37	4	B50	4
B12	5	B25	7	B38	4	B51	6
B13	2	B26	6	B39	3		

- NOTES:**
- 1) ALL BRANCHES TO BE WRAPPED IN TESA 51036 TAPE OR NYLON BRAID
  - 2) ALL BRACHES WITH CONNECTOR LEAVE 1" OF WIRE EXPOSED BEFORE CONNECTOR
  - 3) ALL SPLICES ("S") TO BE SOLDERED OR SONIC WELDED AND COVERED IN 2" OF ADHESIVE HEATSHRINK
  - 4) \* LEAVE 12" EXPOSED ON W46, W51, W52, W60, W61, W70, W71, AND W74
  - 5) \*\* LEAVE 18" EXPOSED ON W11, W53, W75, AND W80
  - 6) \*\*\* LEAVE B1, B2, B3, B4, B5, AND B6 UNWRAPPED

\*\*W11, W76, and W81

\*W46, W51, W52, W61, W62, W71, W72, and W75

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/	NAME	DATE										
	DRAWN	NSZ		02/22/22								
	CHECKED	BM		02/24/22								
	ENG APPR.	KW		02/24/22								
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5	COMMENTS:		<b>TITLE:</b> <b>INDOT Combo Harness</b>									
MATERIAL	-											
THIRD ANGLE PROJECTION	SIMILAR TO: -											
PROPRIETARY AND CONFIDENTIAL	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MUNICIE POWER PRODUCTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MUNICIE POWER PRODUCTS, INC. IS PROHIBITED.		<table border="1"> <tr> <td>SIZE</td> <td>DWG. NO.</td> <td>REV</td> </tr> <tr> <td></td> <td><b>CAPWH115A</b></td> <td><b>00</b></td> </tr> <tr> <td>SCALE: N/A</td> <td>WEIGHT: N/A</td> <td>SHEET 1 OF 2</td> </tr> </table>	SIZE	DWG. NO.	REV		<b>CAPWH115A</b>	<b>00</b>	SCALE: N/A	WEIGHT: N/A	SHEET 1 OF 2
SIZE	DWG. NO.	REV										
	<b>CAPWH115A</b>	<b>00</b>										
SCALE: N/A	WEIGHT: N/A	SHEET 1 OF 2										

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	+12 Volts	Red	16	GXL	10	C1	DTM06-12SA	Deutsch	1	1062-20-0144	S1	N/A	N/A	N/A	N/A
W2	+12 Volts	Red	16	GXL	10	C1	DTM06-12SA	Deutsch	2	1062-20-0144	S1	N/A	N/A	N/A	N/A
W3	12 Volts	Red	16	GXL	10	C1	DTM06-12SA	Deutsch	3	1062-20-0144	S1	N/A	N/A	N/A	N/A
W4	CAN HI	White	16	GXL	8	C1	DTM06-12SA	Deutsch	4	1062-20-0144	C2	DTM06-12SA	Deutsch	4	1062-20-0144
W5	CAN LO	Green	16	GXL	8	C1	DTM06-12SA	Deutsch	5	1062-20-0144	C2	DTM06-12SA	Deutsch	5	1062-20-0144
W6	Ground	Black	16	GXL	10	C1	DTM06-12SA	Deutsch	6	1062-20-0144	S2	N/A	N/A	N/A	N/A
W7	+12 Volt	Red	16	GXL	10	C1	DTM06-12SA	Deutsch	7	1062-20-0144	S1	N/A	N/A	N/A	N/A
W8	CAN LO	Green	16	GXL	3	C1	DTM06-12SA	Deutsch	8	1062-20-0144	S3	N/A	N/A	N/A	N/A
W9	CAN HI	White	16	GXL	3	C1	DTM06-12SA	Deutsch	9	1062-20-0144	S4	N/A	N/A	N/A	N/A
W10	Digital Input	Pink	16	GXL	53	C1	DTM06-12SA	Deutsch	12	1062-20-0144	C22	DTM06-6S	Deutsch	6	1062-20-0144
W11	+12 Volt Battery	Red	16	GXL	32	C2	DTM06-12SA	Deutsch	1	1062-20-0144	Blunt Cut	N/A	N/A	N/A	N/A
W12	+12 Volt	Red	16	GXL	9	C2	DTM06-12SA	Deutsch	2	1062-20-0144	S1	N/A	N/A	N/A	N/A
W13	Relay Control	Red	16	GXL	12	C2	DTM06-12SA	Deutsch	3	1062-20-0144	C7	12052641	Metri-Pack	A	12048074
W14	Ground	Black	16	GXL	9	C2	DTM06-12SA	Deutsch	6	1062-20-0144	S2	N/A	N/A	N/A	N/A
W15	Spinner	White	16	GXL	64	C2	DTM06-12SA	Deutsch	7	1062-20-0144	C18	DT06-2S	Deutsch	1	0462-201-16141
W16	Auger	Orange	16	GXL	61	C2	DTM06-12SA	Deutsch	8	1062-20-0144	C17	DT06-2S	Deutsch	1	0462-201-16141
W17	PTO Output	Blue	16	GXL	21	C2	DTM06-12SA	Deutsch	12	1062-20-0144	C14	HDP24-24-21PN	Deutsch	N	0460-202-16141
W18	Main Relief	Brown	16	GXL	56	C2	DTM06-12SA	Deutsch	11	1062-20-0144	C16	DT06-2S	Deutsch	1	0462-201-16141
W19	Digital Input 1	White	16	GXL	21	C3	DTM06-12SB	Deutsch	1	1062-20-0144	C14	HDP24-24-21PN	Deutsch	R	0460-202-16141
W20	Digital Input 2	Green	16	GXL	51	C3	DTM06-12SB	Deutsch	2	1062-20-0144	C22	DTM06-6S	Deutsch	2	1062-20-0144
W21	Digital Input 3	Blue	16	GXL	21	C3	DTM06-12SB	Deutsch	3	1062-20-0144	C14	HDP24-24-21PN	Deutsch	L	0460-202-16141
W22	Digital Input 4	Brown	16	GXL	21	C3	DTM06-12SB	Deutsch	4	1062-20-0144	C14	HDP24-24-21PN	Deutsch	P	0460-202-16141
W23	+5 Volts	Orange	16	GXL	21	C3	DTM06-12SB	Deutsch	5	1062-20-0144	C14	HDP24-24-21PN	Deutsch	H	0460-202-16141
W24	Pump Pressure	Gray	16	GXL	64	C3	DTM06-12SB	Deutsch	6	1062-20-0144	C19	DT06-4S	Deutsch	4	0462-201-16141
W25	LS Pressure	Green	16	GXL	64	C3	DTM06-12SB	Deutsch	7	1062-20-0144	C27	DT06-4S	Deutsch	4	0462-201-16141
W26	Oil Temperature	Purple	16	GXL	64	C3	DTM06-12SB	Deutsch	8	1062-20-0144	C19	DT06-4S	Deutsch	3	0462-201-16141
W27	Oil Level	Blue	16	GXL	51	C3	DTM06-12SB	Deutsch	9	1062-20-0144	C21	DT06-3S	Deutsch	C	0462-201-16141
W28	Speedometer	Pink	16	GXL	21	C3	DTM06-12SB	Deutsch	10	1062-20-0144	C14	HDP24-24-21PN	Deutsch	C	0460-202-16141
W29	PWM Input 2	Green	16	GXL	6	C3	DTM06-12SB	Deutsch	11	1062-20-0144	S5	N/A	N/A	N/A	N/A
W30	Ignition Input	Yellow	16	GXL	21	C3	DTM06-12SB	Deutsch	12	1062-20-0144	C14	HDP24-24-21PN	Deutsch	A	0460-202-16141
W31	Plow Up	Brown	16	GXL	62	C4	DTM06-12SB	Deutsch	1	1062-20-0144	C8	DT06-2S	Deutsch	1	0462-201-16141
W32	Plow Down	White	16	GXL	53	C4	DTM06-12SB	Deutsch	2	1062-20-0144	C23	DT06-2S	Deutsch	1	0462-201-16141
W33	Plow Down Relief	Gray	16	GXL	65	C4	DTM06-12SB	Deutsch	3	1062-20-0144	C11	DT06-2S	Deutsch	1	0462-201-16141
W34	Plow Left	Blue	16	GXL	62	C4	DTM06-12SB	Deutsch	4	1062-20-0144	C26	DT06-2S	Deutsch	1	0462-201-16141
W35	Plow Right	Purple	16	GXL	57	C4	DTM06-12SB	Deutsch	5	1062-20-0144	C25	DT06-2S	Deutsch	1	0462-201-16141
W36	Dump Up	Yellow	16	GXL	63	C4	DTM06-12SB	Deutsch	6	1062-20-0144	C20	DT06-2S	Deutsch	1	0462-201-16141
W37	Dump Down #1	Orange	16	GXL	39	C4	DTM06-12SB	Deutsch	7	1062-20-0144	C12	DT06-2S	Deutsch	1	0462-201-16141
W38	Dump Down Relief	Pink	16	GXL	62	C4	DTM06-12SB	Deutsch	8	1062-20-0144	C9	DT06-2S	Deutsch	1	0462-201-16141
W39	Dump Up Disable	Black	16	GXL	44	C4	DTM06-12SB	Deutsch	9	1062-20-0144	C13	DT06-2S	Deutsch	1	0462-201-16141
W40	Plow P.Float Relief	Green	16	GXL	59	C4	DTM06-12SB	Deutsch	11	1062-20-0144	C10	DT06-2S	Deutsch	1	0462-201-16141
W41	Plow P.Float On/Off	Blue	16	GXL	54	C4	DTM06-12SB	Deutsch	12	1062-20-0144	C24	DT06-2S	Deutsch	1	0462-201-16141
W42	PWM Input 2	Green	16	GXL	4	S5	N/A	N/A	N/A	N/A	C6	DT06-2S	Deutsch	2	0462-201-16141
W43	PWM Input 2	Green	16	GXL	15	S5	N/A	N/A	N/A	N/A	C14	HDP24-24-21PN	Deutsch	F	0460-202-16141
W44	CAN LO	Green	16	GXL	19	S3	N/A	N/A	N/A	N/A	C15	HDP24-24-91PN-P064	Deutsch	9	0460-202-16141
W45	CAN HI	White	16	GXL	19	S4	N/A	N/A	N/A	N/A	C15	HDP24-24-91PN-P064	Deutsch	8	0460-202-16141
W46	Ground	Black	16	GXL	29	S2	N/A	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A	N/A
W47	Ground	Black	16	GXL	17	C17	DT06-2S	Deutsch	2	0462-201-16141	S6	N/A	N/A	N/A	N/A
W48	Body Up Alarm	Gray	16	GXL	21	C4	DTM06-12SB	Deutsch	10	1062-20-0144	C14	HDP24-24-21PN	Deutsch	M	0460-202-16141
W49	Ground	Black	16	GXL	20	C18	DT06-2S	Deutsch	2	0462-201-16141	S6	N/A	N/A	N/A	N/A
W50	Ground	Black	16	GXL	19	C20	DT06-2S	Deutsch	2	0462-201-16141	S6	N/A	N/A	N/A	N/A
W51	Ground	Black	16	GXL	62	S6	N/A	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A	N/A
W52	Ground	Black	16	GXL	62	S6	N/A	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A	N/A
W53	AUX CAN LO	Green	16	GXL	19	S3	N/A	N/A	N/A	N/A	C14	HDP24-24-21PN	Deutsch	K	0460-202-16141
W54	AUX CAN HI	White	16	GXL	19	S4	N/A	N/A	N/A	N/A	C14	HDP24-24-21PN	Deutsch	J	0460-202-16141
W55	Ground	Black	16	GXL	15	C25	DT06-2S	Deutsch	2	0462-201-16141	S8	N/A	N/A	N/A	N/A
W56	Ground	Black	16	GXL	20	C26	DT06-2S	Deutsch	2	0462-201-16141	S8	N/A	N/A	N/A	N/A
W57	Ground	Black	16	GXL	30	C10	DT06-2S	Deutsch	2	0462-201-16141	S7	N/A	N/A	N/A	N/A
W58	Ground	Black	16	GXL	36	C11	DT06-2S	Deutsch	2	0462-201-16141	S7	N/A	N/A	N/A	N/A
W59	Ground	Black	16	GXL	33	C8	DT06-2S	Deutsch	2	0462-201-16141	S7	N/A	N/A	N/A	N/A
W60	Ground	Black	16	GXL	33	C9	DT06-2S	Deutsch	2	0462-201-16141	S7	N/A	N/A	N/A	N/A
W61	Ground	Black	16	GXL	47	S7	N/A	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A	N/A
W62	Ground	Black	16	GXL	47	S7	N/A	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A	N/A
W63	Ground	Black	16	GXL	10	C12	DT06-2S	Deutsch	2	0462-201-16141	S7	N/A	N/A	N/A	N/A
W64	Ground	Black	16	GXL	15	C13	DT06-2S	Deutsch	2	0462-201-16141	S7	N/A	N/A	N/A	N/A
W65	Ground	Black	16	GXL	12	C16	DT06-2S	Deutsch	2	0462-201-16141	S6	N/A	N/A	N/A	N/A
W66	Ground	Black	16	GXL	9	C21	DT06-3S	Deutsch	B	0462-201-16141	S8	N/A	N/A	N/A	N/A
W67	Ground	Black	16	GXL	9	C22	DTM06-6S	Deutsch	5	1062-20-0144	S8	N/A	N/A	N/A	N/A
W68	Ground	Black	16	GXL	11	C23	DT06-2S	Deutsch	2	0462-201-16141	S8	N/A	N/A	N/A	N/A
W69	Ground	Black	16	GXL	12	C24	DT06-2S	Deutsch	2	0462-201-16141	S8	N/A	N/A	N/A	N/A
W70	Ground	Black	16	GXL	11	C7	12052641	Metri-Pack	B	12048074	S2	N/A	N/A	N/A	N/A
W71	Ground	Black	16	GXL	60	S8	N/A	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A	N/A
W72	Ground	Black	16	GXL	60	S8	N/A	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A	N/A
W73	Ground	Black	16	GXL	24	C19	DT06-4S	Deutsch	1	0462-201-16141	S9	N/A	N/A	N/A	N/A
W74	Ground	Black	16	GXL	25	C27	DT06-4S	Deutsch	1	0462-201-16141	S9	N/A	N/A	N/A	N/A
W75	Ground	Black	16	GXL	57	S9	N/A	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A	N/A
W76	+12 Volt	Red	12	GXL	23	S1	N/A	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A	N/A
W77	+12 Volt	Red	16	GXL	23	C19	DT06-4S	Deutsch	2	0462-201-16141	S10	N/A	N/A	N/A	N/A
W78	+12 Volt	Red	16	GXL	24	C27	DT06-4S	Deutsch	2	0462-201-16141	S10	N/A	N/A	N/A	N/A
W79	+12 Volts	Red	16	GXL	11	C21	DT06-3S	Deutsch	A	0462-201-16141	S10	N/A	N/A	N/A	N/A
W80	+12 Volts	Red	16	GXL	7	C6	DT06-2S	Deutsch	1	0462-201-16141	S1	N/A	N/A	N/A	N/A
W81	+12 Volts	Red	16	GXL	52	S10	N/A	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A	N/A
W82	+12 Volts	Red	16	GXL	30	C15	HDP24-24-91PN-P064	Deutsch	5	0460-202-16141	Blunt Cut	N/A	N/A	N/A	N/A
W83	+12 Volts	Red	12	GXL	30	C14	HDP24-24-21PN	Deutsch	B	0460-204-12141	Blunt Cut	N/A	N/A	N/A	N/A
W84	+12 Volts	Red	12	GXL	30	C14	HDP24-24-21PN	Deutsch	G	0460-204-12141	Blunt Cut	N/A	N/A	N/A	N/A
W85	+12 Volt Battery	Red	10	GXL	20	C15	HDP24-24-91PN-P064	Deutsch	1	0460-204-08141	Blunt Cut	N/A	N/A	N/A	N/A
W86	Ground	Black	16	GXL	39	C15	HDP24-24-91PN-P064	Deutsch	6	0460-202-16141	Blunt Cut	N/A	N/A	N/A	N/A
W87	Ground	Black	12	GXL	31	C14	HDP24-24-21PN	Deutsch	D	0460-204-12141	Blunt Cut	N/A	N/A	N/A	N/A
W88	Ground	Black	12	GXL	31	C14	HDP24-24-21PN	Deutsch	E	0460-204-12141	Blunt Cut	N/A	N/A	N/A	N/A
W89	Ground	Black	10	GXL	39	C15	HDP24-24-91PN-P064	Deutsch	3	0460-204-08141	Blunt Cut	N/A	N/A	N/A	N/A
W90	CAN LO	Green	16	GXL	4	S3	N/A	N/A	N/A	N/A	C5	DT06-2S	Deutsch	1	0462-201-16141
W91	CAN HI	White	16	GXL	4	S4	N/A	N/A	N/A	N/A	C5	DT06-2S	Deutsch	2	0462-201-16141