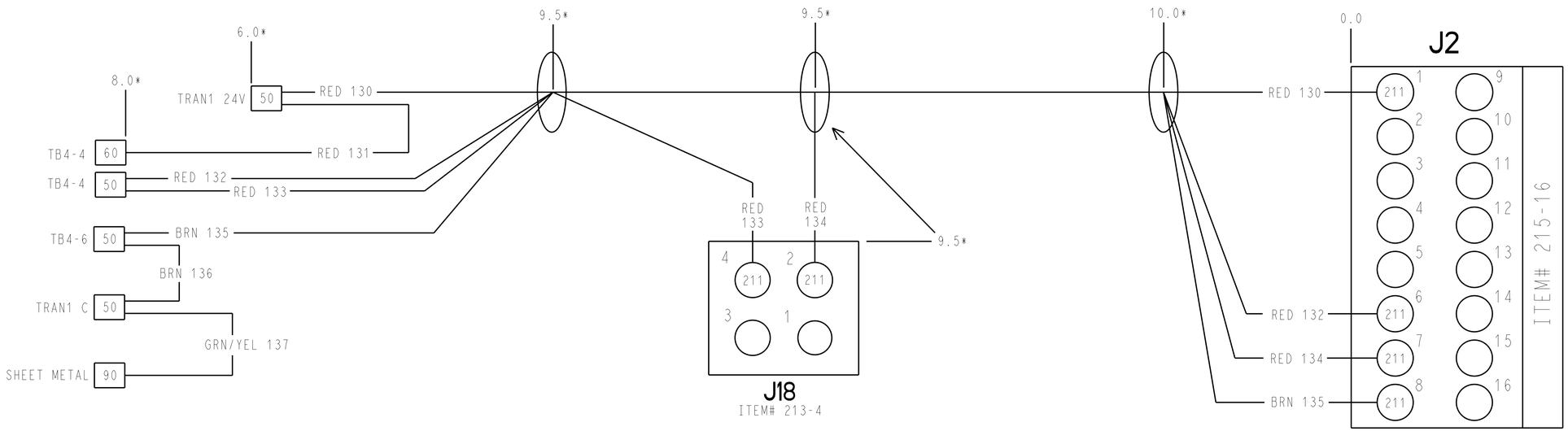
HARNESS NAME/DESCRIPTION	WIRE NUMBER	COLOR	FROM/CONNECTION TYPE			TO/CONNECTION TYPE			LENGTH	WIRE GAUGE
			FROM/CONNECTION TYPE	TERMINAL NUMBER	END MARKING	TO	TERMINAL NUMBER	END MARKING		
THREE PHASE IFM HARNESS	130	RED	TRAN1 24V	50	TRAN 24V	J2-1	211	J2-1	35.0	20
	131	RED				TB4-4	60	TB4-4	5.0	20
	132	RED	TB4-4	50	TB4-4	J2-6	211	J2-6	37.0	20
	133	RED				J18-4	211	J18-4	20.0	20
	134	RED	J18-2	211	J18-2	J2-7	211	J2-7	29.0	20
	135	BRN	TB4-6	50	TB4-6	J2-8	211	J2-8	37.0	20
	136	BRN				TRAN1 C	50	TRAN1 C	4.0	20
	137	GRN/YEL	SHEET METAL	90	SHEET METAL				6.0	20



ITEM NUMBERS		
TERMINAL NUMBER	MFG. P/N	DESCRIPTION
50	AMP 520963-2	ULTRAPOD 0.25 QC
60	AMP 520988-2	ULTRAPOD 0.25 QC
90	AMO 640204-1	UNINSULATED STAR RING #8
160	PANDUIT PLT-1.5I	STANDARD WIRE TIE
211	AMP 770988-1	AMP MINI-MATE N LOK SOCKET
216	AMP 350538-1	MATE N' LOCK PIN
213-4	AMP 172167-1	4 POS MINI MATE N' LOCK PLUG
215-16	AMP 770583-1	16 POS MATE N' LOCK PLUG
216C	AMP 350669-1	MATE N' LOCK GROUND PIN

NOTES:
1. * DENOTES MEASUREMENT FROM PREVIOUS WIRE TIE.
2. 0 = WIRE TIE TO BE ITEM 160 OF QTY 3.
3. ALL LENGTH IN INCHES
4. LENGTHS ARE CUT LENGTHS OF WIRES.
5. WIRE TO BE UL & CSA LABELLED.
6. WIRE MUST HAVE INSULATION RATING OF 600V & 105°C
7. END MARKING TO BE INKJET OR HOT STAMP OR WRAP AROUND LABELS PER WIRE LIST CHART.
8. NO FLAGS FOR WIRE MARKING.
9. STRIP TERMINAL WIRES TO MANUFACTURING SPECIFICATION.
10. LABEL ALL PLUGS WITH TEXT MARKED WITH QUOTES
11. IDENTICAL TERMINALS ON REEL CAN BE SUBSTITUTED FOR LOOSE PIECE.
12. USE IPC-620 REQUIREMENTS FOR WIRE TOLERANCES OTHERWISE SPECIFIED.

WIRE GAUGE	STRANDS	QUALIFICATION
20	10	UL 1015
18	16	UL 1015
16	26	UL 1015
14	41	UL 1015
12	65	UL 1015
10	105	UL 1015
8	133 OR 49	UL 1231
6	19	UL 1283/1232

********** END OF REV. -.3 **********

REV	SHT	REVISION RECORD	DATE	BY	CHK	APP	AUTH NO.
-	1	INITIAL RELEASE	8/7/23	TBH	-	-	1157350

DRAWING NUMBER: 40RU000736 --- RELEASE LEVEL: Under Review

ITC CLASSIFICATION
U.S. ECCN: EAR99

MATERIAL
-
-
-

ENGINEERING REQUIREMENTS
T-005,Y-002

MFG LOCATION
-

WEIGHT
-

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:

1 DEC	2 DEC	3 DEC	ANG°
±0.5	±0.25	±-	±-°

NEXT DRAWING
-

CAD MODEL
40RU000736 -.1

Carrier

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TITLE
HARNESS ASSY
SVU MAIN

DRAWING RELEASE LEVEL
Under Review

SIZE	DRAWING NUMBER	REV	ITR
D	40RU000736 SHEET 1 OF 1	-	3

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