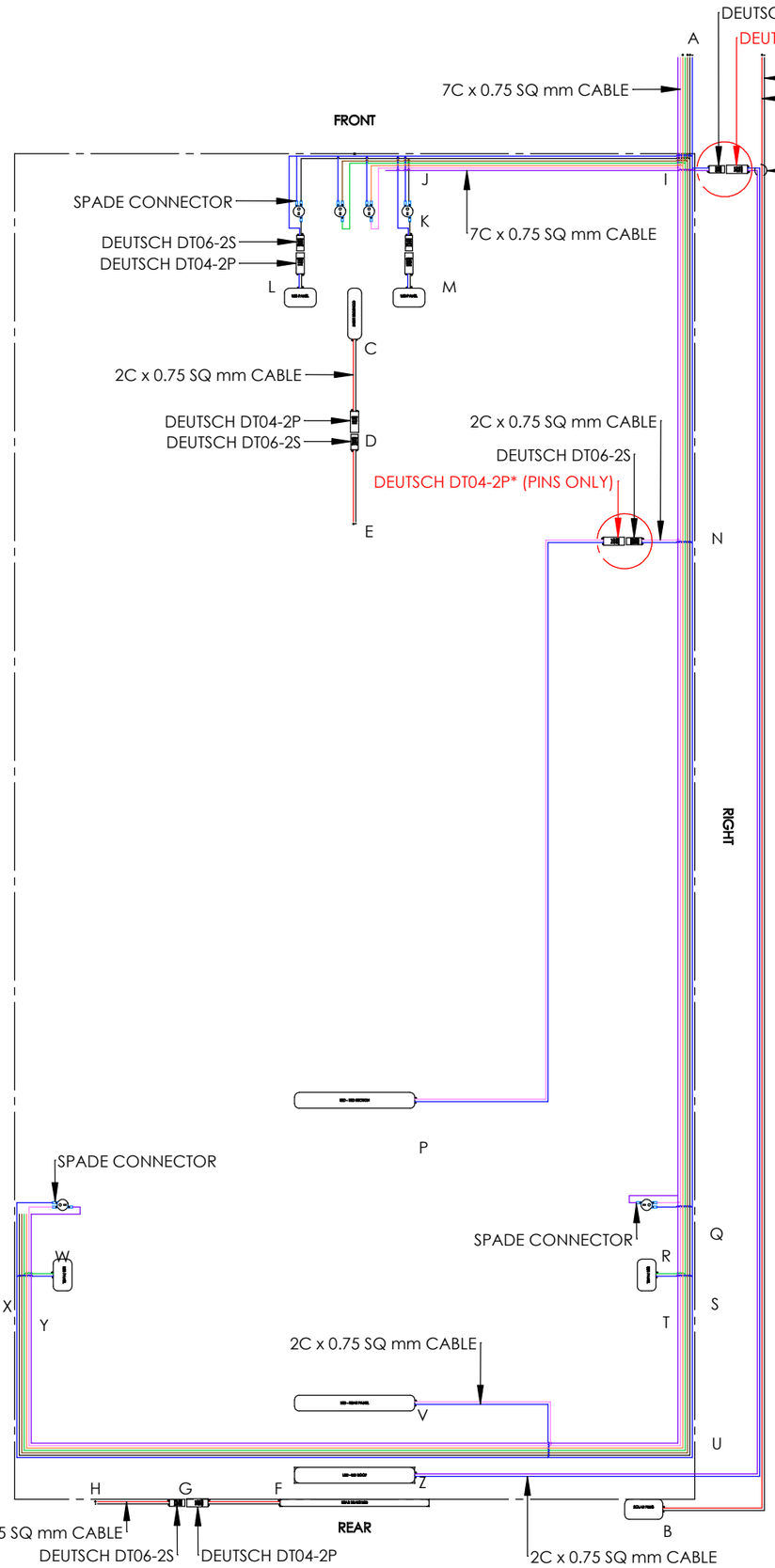


WIRE COLOUR	WIRE FUNCTION	MAX AMP.	TOTAL LENGTH
RED - 6.0 SQ mm	POSITIVE (+) - SOLAR	50.0 A	8 000mm
BLACK - 6.0 SQ mm	NEGATIVE (-) - SOLAR	-	8 000mm
RED - 0.75 SQ mm	POSITIVE (+) - BRAKE/CONSOLE LIGHT	0.4 A	800mm
BLACK - 0.75 SQ mm	NEGATIVE (-) - BRAKE/CONSOLE LIGHT	-	800mm
BLUE - 0.75 SQ mm	NEGATIVE (-) - COMMON	-	1 7250 mm
BLACK - 0.75 SQ mm	POSITIVE (+) - CONSOLE USB PANEL	6.0 A	5 500 mm
BROWN - 0.75 SQ mm	POSITIVE (+) - BASE USB PANEL	6.0 A	4 950 mm
GREEN - 0.75 SQ mm	-	-	9 950 mm
ORANGE - 0.75 SQ mm	POSITIVE (+) - LED LIGHTS	1.2 A	4 950 mm
PINK - 0.75 SQ mm	-	-	12 050 mm
PURPLE - 0.75 SQ mm	-	-	12 550 mm

PART INFO	
MASS (kg):	0.0
ORDERING:	MADE IN-HOUSE
SHEET METAL:	
LASER CUT:	
PUNCHED:	
MACHINED:	
OFF THE SHELF:	
CNC ROUTING:	

PROCESS INFO	
WELDED:	
CUT:	
DRILL / TAP:	
TUMBLED:	
BRUSHED:	
POWDER:	
SPRAY:	
COLOUR:	N/A

ALL DIMENSIONS ARE IN mm

TYPE	COLOUR	POINTS	LENGHT	POINTS	LENGTH	POINTS	LENGTH	POINTS	LENGTH
6.0 SQ mm	RED (+)	A - B	8 000	-	-	-	-	-	-
6.0 SQ mm	BLACK (-)	A - B	8 000	-	-	-	-	-	-
0.75 SQ mm	RED (+)	C - D	200	D - E	200	-	-	-	-
0.75 SQ mm	BLACK (-)	C - D	200	D - E	200	-	-	-	-
0.75 SQ mm	RED (+)	F - G	200	G - H	200	-	-	-	-
0.75 SQ mm	BLACK (-)	F - G	200	G - H	200	-	-	-	-
0.75 SQ mm	BLUE (-)	A - I	4 000	I - J	800	J - K	200	K - L	400
		K - M	400	I - N	800	N - P	2 050	N - Q	1 600
		Q - R	150	Q - S	200	S - T	150	S - U	400
		U - V	800	U - X	1 700	X - Y	150	X - W	200
		I - Z	3 500	-	-	-	-	-	-
0.75 SQ mm	BLACK (+)	A - I	4 000	I - J	800	J - K	200	K - L	400
		K - M	400	-	-	-	-	-	-
0.75 SQ mm	BROWN (+)	A - I	4 000	I - J	800	J - K	200	-	-
0.75 SQ mm	GREEN	A - I	4 000	I - J	800	J - K	200	I - S	2 600
		S - T	150	S - X	2 100	X - Y	150	-	-
0.75 SQ mm	ORANGE (+)	A - I	4 000	I - J	800	J - K	200	-	-
0.75 SQ mm	PINK	A - I	4 000	I - J	800	J - K	200	I - N	800
		N - P	2 050	N - Q	1 600	Q - R	150	Q - W	2 500
0.75 SQ mm	PURPLE	A - I	4 000	I - Q	2 400	Q - R	150	Q - W	2 500
		I - Z	3 500	-	-	-	-	-	-

*ONLY PINS FITTED TO WIRE, DEUTSCH CONNECTOR DT04-2P FOR FITMENT AT FINAL ASSEMBLY

NEGATIVE (-) TO BE FITTED TO POSITION 1 FOR DEUTSCH CONNECTOR
POSITIVE (+) TO BE FITTED TO POSITION 2 FOR DEUTSCH CONNECTOR

TOLERANCES TO ASSUME UNLESS INDICATED OTHERWISE

NOM DIMENSION RANGE (mm)			TOLERANCE
0.50	-	3.00	± 0.10
3.00	-	6.00	± 0.15
6.00	-	30	± 0.20
30	-	120	± 0.30
120	-	400	± 0.50
400	-	1000	± 1.00
1000	-	1000<	± 2.00

MATERIAL DESCRIPTION: REFER TO TABLE FOR CABLE TYPE

MATERIAL THICKNESS (mm): N/A

DESCRIPTION: RC-LC78 ELECTRIC WIRING LOOM

PROJECT: EWL-RC-LC78-P001

SHEET: A3

SCALE: 1:12

SHEET 1 of 1

Alu-Cab™ ULTIMATE OVERLAND PRODUCTS

DRAWN BY: Eduan Kruyswijk

DATE: 2024-07-30

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DRAWING NO. EK-003 EWL-RC-LC78-WIRING-DIAGRAM

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