



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

Website: www.edg.net.au Email: brisbane@edg.net.au

C3396a - LLEWELLYN MOTORS SPRINGFIELD - LOT 34

C3396a-0004(A).xls

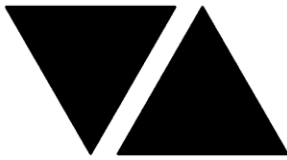
DISTRIBUTION BOARD DB-A (LOWER GROUND)

REVISION A - 07 NOVEMBER 2024

							REV
FAULT CURRENT:		6KA USING CASCADING		MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		2 X 96 POLE		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		4C70	A
PHASES:		3					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. EACH CUBICAL MUST BE 800 WIDE. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	3	40	RCD TYPE B	6.0		LIFT	A
P2	3	40		6.0		COMPRESSOR	A
P3	3	32	RCBO	4.0		3-PHASE OUTLET	A
P4	3	32	RCBO	4.0		3-PHASE OUTLET	A
P5	3	32	RCBO	4.0		3-PHASE OUTLET	A
P6	3	32	RCBO	4.0		3-PHASE OUTLET	A
P7	3	20	RCBO	2.5		HOIST	A
P8	3	20	RCBO	2.5		HOIST	A
P9	3	20	RCBO	2.5		HOIST	A
P10	3	20	RCBO	2.5		HOIST	A
P11	1	20	RCBO	2.5			A
P12	1	20	RCBO	2.5			A
P13	1	20	RCBO	2.5			A
P14	1	20	RCBO	2.5			A
P15	1	20	RCBO	2.5			A
P16	1	20	RCBO	2.5			A
P17	1	20	RCBO	2.5			A
P18	1	20	RCBO	2.5			A
P19	1	20	RCBO	2.5			A
P20	1	20	RCBO	2.5			A
P21	1	20	RCBO	2.5			A
P22	1	20	RCBO	2.5			A
P23	1	20	RCBO	2.5			A
P24	1	20	RCBO	2.5			A
P25	1	20	RCBO	2.5			A
P26	1	20	RCBO	2.5			A
P27	1	20	RCBO	2.5			A
P28	1	20	RCBO	2.5			A
P29	1	20	RCBO	2.5			A
P30	1	20	RCBO	2.5			A
P31	1	20	RCBO	2.5			A
P32	1	20	RCBO	2.5			A
P33	1	20	RCBO	2.5			A
P34	1	20	RCBO	2.5			A
P35	1	20	RCBO	2.5			A
P36	1	20	RCBO	2.5			A
P37	1	20	RCBO	2.5			A
P38	1	20	RCBO	2.5			A
P39	1	20	RCBO	2.5			A
P40	1	20	RCBO	2.5			A
P41	1	20	RCBO	2.5			A
P42	1	20	RCBO	2.5			A
P43	1	20	RCBO	2.5			A
P44	1	20	RCBO	2.5			A
P45	1	20	RCBO	2.5			A
P46	1	20	RCBO	2.5			A
P47	1	20	RCBO	2.5			A

C3396a-0004(A).xls

Pages inc. any attach. 1 of 3



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

Website: [www.edg.net.au](http://www.edg.net.au) Email: [brisbane@edg.net.au](mailto:brisbane@edg.net.au)

C3396a - LLEWELLYN MOTORS SPRINGFIELD - LOT 34

C3396a-0004(A).xls

DISTRIBUTION BOARD DB-A (LOWER GROUND)

REVISION A - 07 NOVEMBER 2024

							REV
FAULT CURRENT:		6KA USING CASCADING		MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		2 X 96 POLE		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		4C70	A
PHASES:		3					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. EACH CUBICAL MUST BE 800 WIDE. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P48	1	20	RCBO	2.5			A
P49	1	20	RCBO	2.5			A
P50	1	20	RCBO	2.5			A
P51	1	20	RCBO	2.5			A
P52	1	20	RCBO	2.5			A
P53	1	20	RCBO	2.5			A
P54	1	20	RCBO	2.5			A
P55	1	20	RCBO	2.5			A
P56	1	20	RCBO	2.5			A
P57	1	20	RCBO	2.5			A
P58	1	20	RCBO	2.5			A
P59	1	20	RCBO	2.5			A
P60	1	20	RCBO	2.5			A
P61	1	20	RCBO	2.5			A
P62	1	20	RCBO	2.5			A
P63	1	20	RCBO	2.5			A
P64	1	20	RCBO	2.5			A
P65	1	20	RCBO	2.5			A
P66	1	20	RCBO	2.5			A
P67	1	20	RCBO	2.5			A
P68	1	20	RCBO	2.5			A
P69	1	20	RCBO	2.5			A
P70	1	20	RCBO	2.5			A
P71	1	20	RCBO	2.5			A
P72	1	20	RCBO	2.5			A
P73	1	20	RCBO	2.5			A
P74	1	20	RCBO	2.5			A
P75	1	20	RCBO	2.5			A
L1	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L2	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L3	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L4	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L5	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L6	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L7	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L8	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L9	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

Website: www.edg.net.au Email: brisbane@edg.net.au

C3396a - LLEWELLYN MOTORS SPRINGFIELD - LOT 34

C3396a-0004(A).xls

DISTRIBUTION BOARD DB-A (LOWER GROUND)

REVISION A - 07 NOVEMBER 2024

							REV
FAULT CURRENT:		6KA USING CASCADING		MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		2 X 96 POLE		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		4C70	A
PHASES:		3					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. EACH CUBICAL MUST BE 800 WIDE. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
L10	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L11	1	20	RCBO	2.5			A
L12	1	20	RCBO	2.5			A
L13	1	20	RCBO	2.5			A
L14	1	20	RCBO	2.5			A
L15	1	20	RCBO	2.5			A
L16	1	20	RCBO	2.5			A
L17	1	20	RCBO	2.5			A
L18	1	20	RCBO	2.5			A
L19	1	20	RCBO	2.5			A
L20	1	20	RCBO	2.5			A
L21	1	20	RCBO	2.5			A
L22	1	20	RCBO	2.5			A
L23	1	20	RCBO	2.5			A
L24	1	20	RCBO	2.5			A
L25	1	20	RCBO	2.5			A
L26	1	20	RCBO	2.5			A
L27	1	20	RCBO	2.5			A
L28	1	20	RCBO	2.5			A
L29	1	20	RCBO	2.5			A
L30	1	20	RCBO	2.5			A
L31	1	20	RCBO	2.5			A
L32	1	20	RCBO	2.5			A
L33	1	20	RCBO	2.5			A
L34	1	20	RCBO	2.5			A
L35	1	20	RCBO	2.5			A
L36	1	20	RCBO	2.5			A
L37	1	20	RCBO	2.5			A
L38	1	20	RCBO	2.5			A
L39	1	20	RCBO	2.5			A
L40	1	20	RCBO	2.5			A
L41	1	20	RCBO	2.5			A
L42	1	20	RCBO	2.5			A
L43	1	20	RCBO	2.5			A
L44	1	20	RCBO	2.5			A
L45	1	20	RCBO	2.5			A
L46	1	20	RCBO	2.5			A
L47	1	20	RCBO	2.5			A
L48	1	20	RCBO	2.5			A