



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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**C3234a - 185 SAMFORD ROAD, ENOGGERA**  
**DISTRIBUTION BOARD DB-C (LEVEL 1 NORTH)**  
**REVISION 2 - 01 JUNE 2026**

**C3234a-0007(2).xls**

							REV
FAULT CURRENT:		6KA USING CASCADING		MAIN SWITCH:		250A NON AUTO LOAD BREAK	1
CHASSIS SIZE:		REFER TO THE DB-C SCHEMATIC		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		1C120AL	1
PHASES:		3					A
<p>REFER TO THE DB-C SCHEMATIC FOR ADDITIONAL CONFIGURATION REQUIREMENTS. 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. PROVIDE AN ENERGY MONITORING SYSTEM OF THE LIGHTING CHASSIS AND POWER CHASSIS AS PER J9D3 OF THE NCC BCA 2022 THAT COLLATES THE TIME-OF-USE ENERGY DATA TO A SINGLE INTERFACE WHERE IT CAN BE STORED, ANALYSED AND REVIEWED</p>							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	LEVEL 2	FIP	A
P2	3	40	TYPE B CURVE METER M4	6.0	LEVEL 2	LIFT 1	A
P3	3	40	TYPE B CURVE METER M4	6.0	LEVEL 2	LIFT 2	A
P4	1	20	RCBO	2.5	LEVEL 2	ENTRY GPO	A
P5	1	20	RCBO	2.5	LEVEL 2	TV	A
P6	1	20	RCBO	2.5	LEVEL 2	TV	A
P7	1	20	RCBO	2.5	LEVEL 2	CLEANING MAINT	A
P8	1	20	RCBO	2.5	LEVEL 2	AMENITY	A
P9	1	20	RCBO	2.5	LEVEL 2	HAND DRYER	A
P10	1	20	RCBO	2.5	LEVEL 2	HAND DRYER	A
P11	1	20	RCBO	2.5	LEVEL 2	HAND DRYER	A
P12	1	20	RCBO	2.5	LEVEL 2	DINING	A
P13	1	20	RCBO	2.5	LEVEL 2	GARDEN ROOM	A
P14	1	20	RCBO	2.5	LEVEL 2	TV	A
P15	1	20	RCBO	2.5	TERRACE	CLEANING	A
P16	1	20	RCBO	2.5	BAR	CLEANING	A
P17	1	20	RCBO	2.5	COURTYARD	CLEANING	A
P18	1	20	RCBO	2.5	BAR	TV	A
P19	1	20	RCBO	2.5	TERRACE	BLINDS	A
P20	1	20	RCBO	2.5	KITCHEN	REF	2
P21	1	20	RCBO	2.5	KITCHEN	HEATLAMPS	A
P22	1	20	RCBO	2.5	KITCHEN	HEATLAMPS	A
P23	1	20	RCBO	2.5	KITCHEN	ICE	A
P24	1	20	RCBO	2.5	KITCHEN	GAS CONTROL	A
P25	1	20	RCBO	2.5	KITCHEN	COOLROOM	2
P26							2
P27							2
P28	3	50	MCB	10.0	KITCHEN	20KW DISHWASHER	2
P29	1	32	RCBO	6.0	KITCHEN	7.2KW OVEN	2
P30							2
P31	1	20	RCBO	2.5	KITCHEN	COOL ROOM	A
P32							1
P33	1	20	RCBO	2.5	KITCHEN	POS	A
P34	1	20	RCBO	2.5	KITCHEN	REF	A
P35	1	20	RCBO	2.5	KITCHEN	HEATLAMPS	A
P36	3	40	RCBO	6.0	KITCHEN	20 KW COMBI	2
P37	3	40	RCBO	6.0	KITCHEN	20 KW COMBI	2
P38	3	40	RCBO	6.0	KITCHEN	20 KW COMBI	2
P39	1	20	RCBO	2.5	KITCHEN	REF	A
P40	1	20	RCBO	2.5	KITCHEN	GPO	2
P41	1	32	RCBO	6.0	KITCHEN	7.2KW OVEN	2
P42	1	20	RCBO	2.5	KITCHEN	REF	A
P43							2

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Pages inc. any attach. 1 of 3



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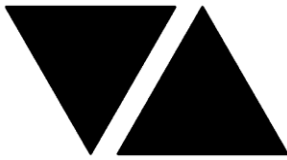
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**C3234a - 185 SAMFORD ROAD, ENOGGERA**  
**DISTRIBUTION BOARD DB-C (LEVEL 1 NORTH)**  
**REVISION 2 - 01 JUNE 2026**

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							REV
FAULT CURRENT:		6KA USING CASCADING		MAIN SWITCH:		250A NON AUTO LOAD BREAK	1
CHASSIS SIZE:		REFER TO THE DB-C SCHEMATIC		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		1C120AL	1
PHASES:		3					A
<p>REFER TO THE DB-C SCHEMATIC FOR ADDITIONAL CONFIGURATION REQUIREMENTS. 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. PROVIDE AN ENERGY MONITORING SYSTEM OF THE LIGHTING CHASSIS AND POWER CHASSIS AS PER J9D3 OF THE NCC BCA 2022 THAT COLLATES THE TIME-OF-USE ENERGY DATA TO A SINGLE INTERFACE WHERE IT CAN BE STORED, ANALYSED AND REVIEWED</p>							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P44	3	25	RCBO	4.0	KITCHEN	14KW FRYER	2
P45	3	25	RCBO	4.0	KITCHEN	14KW FRYER	2
P46	3	25	RCBO	4.0	KITCHEN	14KW FRYER	2
P47	3	25	RCBO	4.0	KITCHEN	14KW FRYER	2
P48	3	25	RCBO	4.0	KITCHEN	14KW FRYER	2
P49							2
P50							2
P51							2
P52	3	20	RCBO	2.5	KITCHEN	BAINE MARIE	A
P53	1	20	RCBO	2.5	KITCHEN	REF	A
P54							2
P55	1	20	RCBO	2.5	KITCHEN	HEATLAMPS	A
P56	1	20	RCBO	2.5	BAR	GPO	A
P57	1	20	RCBO	2.5	BAR	MISTER CONTROL	A
P58	3	20	RCBO	2.5	BAR	GLASS WASHER	2
P59	3	20	RCBO	2.5	BAR	GLASS WASHER	2
P60	1	20	RCBO	2.5	BAR	GPO	A
P61	1	20	RCBO	2.5	BAR	REF	A
P62	1	20	RCBO	2.5	BAR	POS	A
P63	1	20	RCBO	2.5	BAR	REF	A
P64	1	20	RCBO	2.5	BAR	REF	A
P65	1	20	RCBO	2.5	BAR	COFFEE	2
P66	3	20	RCBO	2.5	BAR	GLASS WASHER	2
P67	1	20	RCBO	2.5	BAR	WATER	A
P68	1	20	RCBO	2.5	ROOF	ROOF SYSTEM	A
P69	1	20	RCBO	2.5	ROOF	ROOF SYSTEM	A
P70	1	20	RCBO	2.5	ROOF	HWS PUMP	A
P71	1	20	RCBO	2.5	ROOF	HWS	A
P72	1	20	RCBO	2.5	ROOF	MAINTENANCE	A
P73	1	20	RCBO	2.5	TERRACE	MIST FANS	A
P74	1	20	RCBO	2.5	TERRACE	MIST FANS	A
P75	1	20	RCBO	2.5	COURTYARD	MIST FANS	A
P76	1	20	RCBO	2.5	COURTYARD	MIST FANS	A
P77	1	20	RCBO	2.5	LEVEL 2	WAITERS	A
P78	1	20	RCBO	2.5	KITCHEN	15A GPO	A
P79	1	20	RCBO D CURVE	2.5	COURTYARD	TV	2
P80	1	20	RCBO D CURVE	2.5	COURTYARD	TV	2



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
L1	1	20	RCBO	2.5	LEVEL 2 / ROOF	SIGN	A
L2	1	20	RCBO	2.5	LEVEL 2	SIGN	A
L3	1	20	RCBO	2.5	LEVEL 2	KITCHEN	A
L4	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L5	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L6	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L7	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L8	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L9	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L10	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L11	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L12	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L13	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L14	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L15	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L16	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L17	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L18	1	20	RCBO	2.5	TERRACE	HEATER	A
L19	1	20	RCBO	2.5	TERRACE	HEATER	A
L20	1	20	RCBO	2.5	TERRACE	HEATER	A
L21	1	20	RCBO	2.5	TERRACE	HEATER	A
L22	1	20	RCBO	2.5	TERRACE	HEATER	A
L23	1	20	RCBO	2.5	TERRACE	HEATER	A
L24	1	20	RCBO	2.5	COURTYARD	HEATER	A
L25	1	20	RCBO	2.5	COURTYARD	HEATER	A
L26	1	20	RCBO	2.5	COURTYARD	HEATER	A
L27	1	20	RCBO	2.5	COURTYARD	HEATER	A
L28	1	20	RCBO	2.5	COURTYARD	HEATER	A
L29	1	20	RCBO	2.5	COURTYARD	HEATER	A
L30	1	20	RCBO	2.5	COURTYARD	HEATER	A
L31	1	20	RCBO	2.5	COURTYARD	HEATER	A
L32	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A