



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

Web Site: www.edg.net.au Email: brisbane@edg.net.au

C2857a - KEEMA SPRINGWOOD - ADDITIONAL SHOWROOMS

C2857a-0004(F).xls

DISTRIBUTION BOARD DB-A

REVISION F - 15 FEBRUARY 2024

							REV	
FAULT CURRENT:		6KA	MAIN SWITCH:		160A NON AUTO LOAD BREAK SWITCH		A	
CHASSIS SIZE:		3 X 60 POLES	SUPPLIED FROM:		MSB		A	
CHASSIS RATING:		250A	SUPPLY CABLE:		4C 35		A	
PHASES:		3						A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE INITIAL CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5	ROOF	GPOs	A	
P2	1	20	RCBO	2.5	RECEPTION	FLOOR BOXES	E	
P3	1	20	RCBO	2.5	GROUND STAFF	AUTO BOILER	A	
P4	1	20	RCBO	2.5	GROUND STAFF	REF	A	
P5	1	20	RCBO	2.5	GROUND STAFF	GPOs	A	
P6	1	20	RCBO	2.5	GROUND	PWD HD	A	
P7	1	20	RCBO	2.5	GROUND	M / F HD	A	
P8	1	20	RCBO	2.5	GROUND	AMENITY GPOs	A	
P9	1	20	RCBO	2.5	GROUND	OFFICE GPOs	A	
P10	1	20	RCBO	2.5	GROUND	STAFF LOUNGE GPOs	A	
P11	1	20	RCBO	2.5	GROUND	OFFICE GPOs	A	
P12	1	20	RCBO	2.5	GROUND	RAM GPOs	A	
P13	1	20	RCBO	2.5	GROUND	RAM GPOs	A	
P14	1	20	RCBO	2.5	GROUND	RAM GPOs	A	
P15	1	20	RCBO	2.5	GROUND	AUTO DOOR	A	
P16	1	32	RCBO	2.5	GROUND	EV CHARGER	A	
P17	1	20	RCBO	2.5	GROUND	LDV GPOs	A	
P18	1	20	RCBO	2.5	GROUND	LDV GPOs	A	
P19	1	20	RCBO	2.5	GROUND	LDV GPOs	A	
P20	1	20	RCBO	2.5	GROUND	LOUNGE KIT GPOs	A	
P21	1	20	RCBO	2.5	GROUND	LOUNGE KIT REF	A	
P22	3	20	RCBO	2.5	BASEMENT	HWS	F	
P23	1	20	RCBO	2.5	GROUND	LOUNGE KIT AUTOBOILER	A	
P24	1	20	RCBO	2.5	GROUND	SHOW RM KIT GPOs	A	
P25	1	20	RCBO	2.5	GROUND	SHOW RM KIT REF	A	
P26	1	20	RCBO	2.5	GROUND	RECEPTION	F	
P27	1	20	RCBO	2.5	GROUND	SHOW RM KIT AUTOBOILER	A	
P28	3	50		16.0	BASEMENT	PV INVERTER	A	
P29							E	
P30	1	20	RCBO	2.5	BASEMENT	AMENITY GPOs	A	
P31	1	20	RCBO	2.5	BASEMENT	OFFICE GPOs	A	
P32	3	20	RCBO	2.5	BASEMENT	RSD	A	
P33	1	20	RCBO	2.5	BASEMENT	TINTING GPOS	A	
P34	1	20	RCBO	2.5	BASEMENT	WORKSHOP GPOs	A	
P35	3	20	RCBO	2.5	BASEMENT	RSD	A	
P36	1	20	RCBO	2.5	BASEMENT	HANDOVER GPOs	A	
P37							F	
P38	1	20	RCBO	2.5	BASEMENT	20A WORKSHOP GPO	A	
P39	1	20	RCBO	2.5	BASEMENT	WORKSHOP GPOs	A	
P40	1	20	RCBO	2.5	BASEMENT	20A WORKSHOP GPO	A	
P41	3	20	RCBO	2.5	BASEMENT	32A OUTLET	A	
P42	3	20	RCBO	2.5	BASEMENT	HOIST	A	
P43	3	20	RCBO	2.5	BASEMENT	HOIST	A	
P44	1	20	RCBO	2.5	BASEMENT	20A WORKSHOP GPO	A	
P45	3	20	RCBO	2.5	BASEMENT	32A OUTLET	A	
P46	1	20	RCBO	2.5	BASEMENT	WORKSHOP GPOs	A	
P47	1	20	RCBO	2.5	BASEMENT	M / F HD	D	
P48	1	20	RCBO	2.5	BASEMENT	AUTO BOILER	F	
P49	1	20	RCBO	2.5	BASEMENT	APPLIANCES	F	
P50	1	20	RCBO	2.5	BASEMENT	REF	F	



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE		
L1	1	20	RCBO	2.5	GROUND	LOUNGE	F	
L2	1	20	RCBO	2.5	GROUND	NIGHT LIGHTS	A	
L3	1	20	RCBO	2.5	GROUND	LIGHTS	A	
L4	1	20	RCBO	2.5	GROUND	LIGHTS	A	
L5	1	20	RCBO	2.5	GROUND	LIGHTS	A	
L6	1	20	RCBO	2.5	GROUND	SIGNS	F	
L7	1	20	RCBO	2.5	GROUND	LIGHTS	A	
L8	1	20	RCBO	2.5	GROUND	LIGHTS	A	
L9	1	20	RCBO	2.5	GROUND AMENITY	LIGHTS	A	
L10							F	
L11	1	20	RCBO	2.5	GROUND OFFICE	LIGHTS	A	
L12	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTS	A	
L13	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	SIGNS	A	
L14	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	SIGNS	A	
L15	1	20	RCBO	2.5	BASEMENT	LIGHTS	A	
L16	1	20	RCBO	2.5	BASEMENT	LIGHTS	A	
L17	1	20	RCBO	2.5	BASEMENT	LIGHTS	A	
L18	1	20	RCBO	2.5	BASEMENT	LIGHTS	B	
L19	1	20	RCBO	2.5	GROUND	LIGHTS	F	