



# 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)

C2964a - BURNSIDE ROAD, GILBERTON

C2964a-0005(D).xls

DISTRIBUTION BOARD DB-2

REVISION D - 17 APRIL 2024

FAULT CURRENT: 6KA CHASSIS SIZE: 60 POLE CHASSIS RATING: 250A PHASES: 3							MAIN SWITCH: 250A NON AUTO LOAD BREAK SUPPLIED FROM: MSB SUPPLY CABLE: 4C25		REV
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. 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 (mm <sup>2</sup> )	LOCATION	CIRCUIT USE			
P1	3	63		2.5	WAREHOUSE	PV INVERTER		A	
P2	3	20	RCBO	2.5	WAREHOUSE	ROLLER SHUT DOOR		A	
P3	3	20	RCBO	2.5	WAREHOUSE	SLIDING DOOR		A	
P4	3	20	RCBO	2.5	WAREHOUSE	ROLLER SHUT DOOR		A	
P5	3	25	RCBO	4.0	ROOF	AC		D	
P6	1	20	RCBO TC ON 6.00 AM OFF 10.00 PM	2.5	ROOF	EXHAUST		A	
P7	1	20	RCBO	2.5	AMENITY	GPOs		A	
P8	1	20	RCBO	2.5	OFFICE	GPOs		A	
P9	1	20	RCBO	2.5	RECEPTION	GPOs		A	
P10	1	20	RCBO	2.5		CR-A		A	
P11	1	40	RCBO	6.0	KITCHEN	AUTOBOILER		A	
P12	3	20	RCBO	2.5	KITCHEN	HWS		C	
P13	1	20	RCBO	2.5	KITCHEN	GPOs		A	
P14								C	
P15	1	20	RCBO	2.5	OFFICE	AC		D	
L1	1	20	RCBO PE ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTS		A	
L2	1	20	RCBO PE ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	LIGHTS		A	
L3	1	20	RCBO	2.5	WAREHOUSE	LIGHTS		A	
L4	1	20	RCBO	2.5	WAREHOUSE	LIGHTS		A	
L5	1	20	RCBO	2.5	WAREHOUSE	LIGHTS		A	
L6	1	20	RCBO	2.5	OFFICE	LIGHTS		A	
L7	1	20	RCBO	2.5	OFFICE	LIGHTS		A	
L8	1	20	RCBO PE ON DUSK OFF DAWN	2.5	ROOF	SIGN		C	