



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3040a - BRISBANE TIGERS - STAGE 2

C3040a-0010(B).xls

DISTRIBUTION BOARD DB-E

REVISION B - 11 MAY 2023

FAULT CURRENT: 6KA CHASSIS SIZE: 30 POLES CHASSIS RATING: 250A PHASES: 3							MAIN SWITCH: 160 AMP NON AUTO SUPPLIED FROM: MSB SUPPLY CABLE: 4C 25		REV
									A
									A
									A
									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.									A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE			
P1	1	40	RCD	6.0	KITCHEN	HWS		A	
P2	1	20	RCD	2.5	KITCHEN	REF		A	
P3	1	20	RCD	2.5	KITCHEN	AUTO BOILER		A	
P4	1	20	RCD	2.5	KITCHEN	DISHWASHER		B	
P5	1	20	RCD	2.5	KITCHEN	GPO		B	
P6	1	25	RCD	4.0	FUNCTION	GPO		A	
P7	1	20	RCD	2.5	EXTERNAL	GPO		A	
P8	3	20	RCD	2.5	EXTERNAL	AC		A	
L1	1	20	RCD	2.5	FUNCTION	LIGHTS		A	
L2	1	20	RCD PE ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTS		A	