



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3227a - TOOWONG KIA & MITSUBISHI

C3227a-0005(D).xls

DISTRIBUTION BOARD DB-K

REVISION D - 06 AUGUST 2025

FAULT CURRENT: 6KA							160A LOAD BREAK NON AUTO	REV
MAIN SWITCH:								A
CHASSIS SIZE: 72 POLES								A
SUPPLIED FROM: MSB								A
CHASSIS RATING: 250A							CABLE: 4C35	A
PHASES: 3								A
PROVIDE THE DB WITH A 600 WIDE 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.								A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm2 )	LOCATION	CIRCUIT USE		
P1	3	20	RCBO	2.5	WORKSHOP	HOIST	A	
P2	3	20	RCBO	2.5	WORKSHOP	HOIST	A	
P3	3	20	RCBO	2.5	WORKSHOP	HOIST	A	
P4	1	20	RCBO	2.5	WORKSHOP	20A OUTLET	A	
P5	3	20	RCBO	2.5	WORKSHOP	3PH OUTLET	A	
P6	1	20	RCBO	2.5	WORKSHOP	BENCHES	A	
P7	1	20	RCBO	2.5	WORKSHOP	20A OUTLET	A	
P8	1	20	RCBO	2.5	WORKSHOP	BENCHES	A	
P9	3	20	RCBO	2.5	WORKSHOP	3PH OUTLET	A	
P10	1	20	RCBO	2.5	WORKSHOP	20A OUTLET	A	
P11	3	50		10.0	WORKSHOP	50A ISOLATOR	D	
P12							B	
P13							B	
P14	1	20	RCBO	2.5	WORKSHOP	OFFICE	A	
P15	3	20	RCBO	2.5	WORKSHOP	RSD	A	
P16	3	40	RCBO	6.0	WORKSHOP	MSSB-WS	A	
P17	1	20	RCBO	2.5	WORKSHOP	WHEEL BALANCER	C	
P18	3	20	RCBO	2.5	WORKSHOP	3PH OUTLET	C	
L1	1	20	RCBO	2.5	RECEPTION	LIGHTS	A	
L2	1	20	RCBO	2.5		LIGHTS	A	
L3	1	20	RCBO	2.5	OFFICE	LIGHTS	A	
L4	1	20	RCBO	2.5	WORKSHOP	LIGHTS	A	
L5	1	20	RCBO PE ON DUSK TC OFF	2.5	WORKSHOP	LIGHTS	A	
L6	1	20	RCBO	2.5	PARTS	LIGHTS	A	