

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

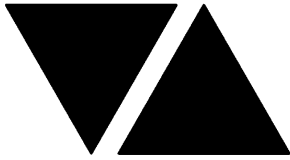
C3227a - TOOWONG KIA & MITSUBISHI

C3227a-0004(A).xls

DISTRIBUTION BOARD DB-A

REVISION A - 02 SEPTEMBER 2024

							REV
FAULT CURRENT:		6KA		MAIN SWITCH:		160A LOAD BREAK NON AUTO	A
CHASSIS SIZE:		2 X 72 POLES		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		CABLE:		4C 70	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. RECONNECT THE EXISTING DB-A CIRCUITS THAT REMAIN WITH NEW AS3000 COMPLIANT SWITCHGEAR THAT MATCHES THE EXISTING CAPACITY AND FUNCTION. UPDATE THE SCHEDULE WITH THE CIRCUIT USE AND LOCATION AT PRACTICAL COMPLETION							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	mitsubishi	OFFICES	A
P2	1	20	RCBO	2.5	mitsubishi	CLEANING	A
P3	1	20	RCBO	2.5	mitsubishi	RECEPTION	A
P4	1	20	RCBO	2.5	mitsubishi	HAND DRYER	A
P5	1	20	RCBO	2.5	mitsubishi	FLOOR BOXES	A
P6	1	20	RCBO	2.5	mitsubishi	FLOOR BOXES	A
P7	1	20	RCBO	2.5	mitsubishi	TV	A
P8	1	20	RCBO	2.5	KIA	CLEANING	A
P9	1	20	RCBO	2.5	KIA	OFFICES	A
P10	1	20	RCBO	2.5	KIA	CLEANING	A
P11	1	20	RCBO	2.5	KIA	TV	A
P12	1	20	RCBO	2.5	KIA	FLOOR BOXES	A
P13	1	20	RCBO	2.5	KIA	FLOOR BOXES	A
P14	1	20	RCBO	2.5	KIA	FLOOR BOXES	A
P15	1	20	RCBO	2.5	KIA	TV	A
P16	1	20	RCBO	2.5	KIA	HAND DRYER	A
P17	1	20	RCBO	2.5	mitsubishi	TV	A
P18	1	20	RCBO	2.5	mitsubishi	KITCHEN	A
P19	1	20	RCBO	2.5	mitsubishi	DISHWASHER	A
P20	1	20	RCBO	2.5	mitsubishi	REFRIGERATOR	A
P21	1	20	RCBO	2.5	mitsubishi	AUTO BOILER 20A	A
P22	1	20	RCBO	2.5	KIA	REFRIGERATOR	A
P23	1	20	RCBO	2.5	KIA	DISHWASHER	A
P24	1	20	RCBO	2.5	KIA	KITCHEN	A
P25	1	20	RCBO	2.5	KIA	AUTO BOILER 20A	A
P26	1	32	RCBO	6.0	EXTERNAL	EV CHARGER	A
P27	1	32	RCBO	6.0	EXTERNAL	EV CHARGER	A
P28	1	20	RCBO	2.5	KIA	SALES	A



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

C3227a - TOOWONG KIA & MITSUBISHI

C3227a-0004(A).xls

DISTRIBUTION BOARD DB-A

REVISION A - 02 SEPTEMBER 2024

							REV
FAULT CURRENT:		6KA		MAIN SWITCH:		160A LOAD BREAK NON AUTO	A
CHASSIS SIZE:		2 X 72 POLES		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		CABLE:		4C 70	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. RECONNECT THE EXISTING DB-A CIRCUITS THAT REMAIN WITH NEW AS3000 COMPLIANT SWITCHGEAR THAT MATCHES THE EXISTING CAPACITY AND FUNCTION. UPDATE THE SCHEDULE WITH THE CIRCUIT USE AND LOCATION AT PRACTICAL COMPLETION							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	
L1	1	20	RCBO PE ON DUSK OFF DAWN	2.5	EXTERNAL	SIGNS	A
L2	1	20	RCBO PE ON DUSK OFF DAWN	2.5	EXTERNAL	SIGNS	A
L3	1	20	RCBO PE ON DUSK OFF DAWN	2.5	EXTERNAL	PYLON	A
L4	1	20	RCBO PE ON DUSK OFF DAWN	2.5	EXTERNAL	PYLON	A
L5	1	20	RCBO	2.5	BOH	LIGHTS	A
L6	1	20	RCBO	2.5	BOH	LIGHTS	A
L7	1	20	RCBO	2.5	mitsubishi	LIGHTS	A
L8	1	20	RCBO	2.5	mitsubishi	LIGHTS	A
L9	1	20	RCBO	2.5	mitsubishi	LIGHTS	A
L10	1	20	RCBO	2.5	KIA	LIGHTS	A
L11	1	20	RCBO	2.5	KIA	LIGHTS	A
L12	1	20	RCBO	2.5	KIA	LIGHTS	A
L13	1	20	RCBO	2.5	KIA	DISPLAY	A
L14	1	20	RCBO	2.5	KIA	LIGHTS	A
L15	1	20	RCBO	2.5	KIA	LIGHTS	A
L16	1	20	RCBO	2.5	mitsubishi	LIGHTS	A
L17	1	20	RCBO	2.5	mitsubishi	LIGHTS	A
L18	1	20	RCBO	2.5	mitsubishi	LIGHTS	A