

FILE COPY

**MCCB Panel 1 CIRCUIT DETAILS**

SCHEDULE DETAILS			
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	Mains Room	Supplied From:	N/A
Overcurrent Device:	N/A	Rating:	N/A
RCD Device:	N/A	RCD Rating:	N/A
		Nominal Voltage:	N/A
		RCD No of Poles:	N/A

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	
1 TP	Sub Mains - DB EG (Supply to DB EG)							60947-2	N/A	125	25	N/A	
2 TP	Sub Mains - DB SG (Supply to DB SG)							60947-2	N/A	125	25	N/A	
3 TP	Sub Mains - DB S1 (Supply to DB S1)							60947-2	N/A	125	25	N/A	
4 TP	Sub Mains - DB N1 (Supply to DB N1)							60947-2	N/A	125	25	N/A	
5 TP	Sub Mains - DB NG (Supply to DB NG)							60947-2	N/A	125	25	N/A	
6 TP	Sub Mains - DB WA (Supply to DB WA)							60947-2	N/A	125	25	N/A	
7 TP	Sub Mains - DB 2 Storey Extention (Supply to DB No.2)							60947-2	N/A	125	25	N/A	
8 TP	Surge Protection							60947-2	N/A	63	25	N/A	
9 TP	Sub Main - DB C (Supply to DB C)							60947-2	N/A	125	25	N/A	
10 TP	Sub Mains - DBW 1 (Supply to DB W1)							60947-2	N/A	125	25	N/A	
11 TP	Sub Mains - DB WG (Supply to DB WG)							60947-2	N/A	125	25	N/A	
12 TP	Sub Mains - DB E1 (Supply to DB E1)							60947-2	N/A	125	25	N/A	
13 L1	Spare												
13 L2	Spare												
13 L3	Way Not Available - Link to Adjacent Panel							N/A	N/A				
14 L1	Way Not Available - Link to Adjacent Panel							N/A	N/A				
14 L2	Way Not Available - Link to Adjacent Panel							N/A	N/A				
14 L3	Way Not Available - Link to Adjacent Panel							N/A	N/A				

ADDITIONAL COMMENTS



## MCCB Panel 2 CIRCUIT DETAILS

SCHEDULE DETAILS					
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:			
Location of Board:	Mains Room	Supplied From:	Origin	Nominal Voltage:	230 V
Overcurrent Device:		Rating:	A	RCD No of Poles:	
RCD Device:		RCD Rating:	mA		

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live	cpc	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs permitted by BS7671
1 TP	Spare												
2 TP	Spare												
3 TP	Sub Main - IBM Ex Supply						60947-2	N/A	63	25	N/A		
4 TP	Lift						60947-2	N/A	63	25	N/A		
5 TP	Sub Main - MCC 4						60947-2	N/A	100	25	N/A		
6 TP	Sub Main - MCC 2						60947-2	N/A	100	25	N/A		
7 TP	Sub Main - DB EL (Supply to DB EL)						60947-2	N/A	63	25	N/A		
8 TP	Spare												
9 TP	Spare												
10 L1	Fire Alarm Panel						60947-2	N/A	16	25	N/A		
10 L2	Sub Main - LMR DB (Supply to DB LM1)						60947-2	N/A	63	25	N/A		
10 L3	Sub Main - Hub DB						60947-2	N/A	100	25	N/A		
11 TP	Sub Main - MCCB 1 Computer Room						60947-2	N/A	63	25	N/A		
12 TP	Spare												
13 TP	Spare												
14 TP	Spare												

ADDITIONAL COMMENTS



## DB EL CIRCUIT DETAILS

### SCHEDULE DETAILS

Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	Mains Room	Supplied From:	MCCB Panel 2 - 7 TP
Overcurrent Device:	60947-2 - Type N/A	Rating:	63 A
RCD Device:	N/A	RCD Rating:	N/A
		Nominal Voltage:	230 V
		RCD No of Poles:	N/A

### CIRCUIT DETAILS

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Z <sub>s</sub> Ω permitted by BS7671
1 L1	Spare												
1 L2	External Lighting	G			2.5	2.5	0.4	60898	C	20	10	N/A	0.92
1 L3	Spare												
2 L1	External Lighting	G			2.5	2.5	0.4	60898	C	20	10	N/A	0.92
2 L2	External Lighting	G			2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	External Lighting	G			2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Spare												
3 L2	Spare												
3 L3	External Lighting	G			2.5	2.5	0.4	60898	C	20	10	N/A	0.92
4 L1	Spare												
4 L2	Spare												
4 L3	Spare												

### ADDITIONAL COMMENTS



**DB LM1 CIRCUIT DETAILS**

SCHEDULE DETAILS			
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	Lift Motor Room	Supplied From:	MCCB Panel 2 - 10 L2
Overcurrent Device:	60947-2 - Type N/A	Rating:	63 A
RCD Device:	N/A	RCD Rating:	N/A
		Nominal Voltage:	230 V
		RCD No of Poles:	N/A

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live	cpc	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs permitted by BS7671 Ω
					mm2	mm2							
1 L1	Lights - Lift Shaft	B	B	3	2.5	2.5	0.4	60898	C	16	10	N/A	1.15
1 L2	Spare												
1 L3	Spare												
2 L1	Tubular Heater + Spur in Lift Motor Room	B	B	2	4	4	0.4	60898	C	20	10	N/A	0.92
2 L2	Spare												
2 L3	Spare												
3 L1	Lights - Lift Shaft	B	B		2.5	2.5	0.4	60898	C	16	10	N/A	1.15
3 L2	Spare												
3 L3	Spare												
4 L1	Spare												
4 L2	Spare												
4 L3	Spare												
5 L1	Lights - Lift Motor Room	B	B	2	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
5 L2	Spare												
5 L3	Spare												
6 L1	Lights - Lift Car	A	B	1	1.0	1.0	0.4	60898	C	10	10	N/A	1.84
6 L2	Spare												
6 L3	Spare												
7 TP	Spare												
8 TP	Spare												

ADDITIONAL COMMENTS												









**DB E1 CIRCUIT DETAILS**

SCHEDULE DETAILS					
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX			Installation Address:	
Location of Board:	East Switch Room 0.18	Supplied From:	MCCB Panel 1 - 12 TP	Nominal Voltage:	400 V
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A		
RCD Device:	N/A	RCD Rating:	N/A	RCD No of Poles:	N/A

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm2	cpc mm2	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs permitted by BS7671 Ω
1 L1	Lights - Rooms 1.22/1.23/1.24	E	A	15	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Chamber Lobby, Kitchen & Rms 1.16/1.17/1.18	E	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Spare												
2 L1	Lights - Rooms 1.19A/1.20/1.21/1.21A	E	A	15	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Spare												
2 L3	Lights - WCs & Corridor	E	A	19	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Water Heater - Kitchen	E	A	1	6	6	0.4	60898	C	16	10	N/A	1.15
3 L2	Spare												
3 L3	Spare												
4 L1	Cleaner Sockets - 1.19A/1.20/1.21/1.21A/1.22/1.23/1.24	E	A	7	4	4	0.4	61009	C	32	10	30	0.58
4 L2	Cleaner Sockets - Kitchen, Rooms 1.16/1.18/1.19	E	A	4	4	4	0.4	61009	C	32	10	30	0.58
4 L3	Cleaner Sockets - First Floor Walkway	E	A	3	4	4	0.4	61009	C	32	10	30	0.58
5 L1	Dado Sockets - Rooms 1.21A/1.22/1.23/1.24	E	A	22	4	4	0.4	60898	C	32	10	N/A	0.58
5 L2	Dado Sockets - Rooms 1.16/1.18/1.19	E	A	9	4	4	0.4	60898	C	32	10	N/A	0.58
5 L3	Spare												
6 L1	Dado Sockets - Rooms 1.19A/1.20/1.21	E	A	17	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Water Heater & Socket in Chamber Kitchen	E	A	2	4	4	0.4	60898	C	32	10	N/A	0.58
6 L3	Spare												
7 L1	Sockets - Kitchen & Chamber Foyer	E	A	7	4	4	0.4	60898	C	32	10	N/A	0.58
7 L2	Oven & Hob - Chamber Kitchen	E	A	2	4	4	0.4	60898	C	16	10	N/A	1.15
7 L3	Spare												
8 L1	Dishwasher - Chamber Kitchen	E	A	1	10	10	0.4	60898	C	32	10	N/A	0.58
8 L2	Spare												
8 L3	Spare												

ADDITIONAL COMMENTS													



## DB EG CIRCUIT DETAILS

### SCHEDULE DETAILS

Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	East Switch Room 0.18	Supplied From:	MCCB Panel 1 - 1TP
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A
RCD Device:	N/A	RCD Rating:	N/A
		Nominal Voltage:	400 V
		RCD No of Poles:	N/A

### CIRCUIT DETAILS

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs Ω permitted by BS7671
1 L1	Lights - Rooms 0.21/0.22/0.23	C	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Rooms 0.12/0.13/0.14/0.15/0.16/0.17	C	A	29	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Lights - Chamber Foyer/Disabled WC	C	A	16	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Lights - Rooms 0.18/0.20	C	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Spare												
2 L3	Lights - Rooms 0.6/0.7/0.8	C	A	9	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Underfloor Power East Courtyard	G	C	16	10	10	0.4	60898	C	32	10	N/A	0.58
3 L2	Underfloor Power Roller Racking Floor Sockets	G	C	1	4	4	0.4	61009	C	32	10	30	0.58
3 L3	Lights - Atrium Front Down Lights	C	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L1	Cleaners Sockets - Rooms 0.21/0.22/0.23/0.20	C	A	7	4	4	0.4	61009	C	32	10	30	0.58
4 L2	Cleaners Sockets - Rooms 0.17/0.16	C	A	3	4	4	0.4	61009	C	32	10	30	0.58
4 L3	Cleaners Sockets - Rooms 0.6/0.7/0.8/0.10	C	A	7	4	4	0.4	61009	C	32	10	30	0.58
5 L1	Dado & floor Sockets - Rooms 0.20/0.21/0.22/0.23	E	A	11	4	4	0.4	60898	C	32	10	N/A	0.58
5 L2	Dado Sockets - Room 0.17	E	A	10	4	4	0.4	60898	C	32	10	N/A	0.58
5 L3	Dado Sockets - Rooms 0.6/0.7/0.8	E	A	6	4	4	0.4	60898	C	32	10	N/A	0.58
6 L1	Dado Sockets - Room 0.18	E	A	13	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Water Heater - WCs	C	A	1	4	4	0.4	60898	C	16	10	N/A	1.15
6 L3	Lights - High Level Atrium	C	A	15	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
7 L1	Spare												
7 L2	Shower	C	A	1	16	16	5	60898	C	40	10	N/A	0.46
7 L3	Disabled Shower	C	A	1	16	16	5	60898	C	40	10	N/A	0.46
8 L1	Under Floor Power - East Courtyard	G	A	10	10	10	0.4	60898	C	32	10	N/A	0.58
8 L2	Spare												
8 L3	Lights - Rack Area	C	A	22	2.5	2.5	0.4	60898	C	16	10	N/A	1.15

### ADDITIONAL COMMENTS



**DB S1 CIRCUIT DETAILS**

SCHEDULE DETAILS					
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX			Installation Address:	
Location of Board:	Plant Room 0.81	Supplied From:	MCCB Panel 1 - 3 TP	Nominal Voltage:	400 V
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A		
RCD Device:	N/A	RCD Rating:	N/A	RCD No of Poles:	N/A

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm2	cpc mm2	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671
1 L1	Lights - First Floor Corridor + Rooms 1.82/1.84	B	A	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Gents/Kitchen/Stairs	B	A	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Lights - Female WC	B	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Lights - Rooms 1.85/1.86A	B	A	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Lights - Rooms 1.91/1.92/Corridor	B	A	18	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	Lights - Rooms 1.97/1.98/Corridor	B	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Lights - Rooms 1.86/1.87/Corridor	B	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L2	Lights - Rooms 1.93/1.94/Corridor	B	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L3	Lights - Rooms 1.95/1.96/Corridor	B	A	9	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L1	Dado Sockets - Room 1.95	E	A	3	4	4	0.4	60898	C	32	10	N/A	0.58
4 L2	Water Heater - Gents WC	B	A	1	6	6	0.4	60898	C	16	10	N/A	1.15
4 L3	Water Heater - Ladies WC	B	A	1	6	6	0.4	60898	C	16	10	N/A	1.15
5 L1	Cleaners Sockets - Rooms 1.82/1.84/1.85/1.86/1.87	B	A	10	4	4	0.4	61009	C	32	10	30	0.58
5 L2	Cleaners Sockets - Rooms 1.90/1.91/1.92/1.93/1.94/Corridor	B	A	12	4	4	0.4	61009	C	32	10	30	0.58
5 L3	Cleaners Sockets - Rooms 1.95-1.99/Corridor	B	A	9	4	4	0.4	61009	C	32	10	30	0.58
6 L1	Dado Sockets - Rooms 1.85/1.86/1.86A	E	A	21	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Dado Sockets - Rooms 1.90/1.91/1.92	E	A	19	4	4	0.4	60898	C	32	10	N/A	0.58
6 L3	Dado Sockets - Room 1.99	E	A	18	4	4	0.4	60898	C	32	10	N/A	0.58
7 L1	Dado Sockets - Rooms 1.82/1.84	E	A	15	4	4	0.4	60898	C	32	10	N/A	0.58
7 L2	Dado Sockets - Rooms 1.93/1.94	E	A	18	4	4	0.4	60898	C	32	10	N/A	0.58
7 L3	Dado Sockets - Rooms 1.96/1.97/1.98	E	A	18	4	4	0.4	60898	C	32	10	N/A	0.58
8 TP	External Socket Outlet	G	C	1	16	16	0.4	60898	C	63	10	N/A	0.29

ADDITIONAL COMMENTS													





## DB SG CIRCUIT DETAILS

SCHEDULE DETAILS					
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:			
Location of Board:	Plant Room 0.81	Supplied From:	MCCB Panel 1 - 2 TP	Nominal Voltage:	400 V
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A		
RCD Device:	N/A	RCD Rating:	N/A	RCD No of Poles:	N/A

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671 Ω
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	
1 L1	Lights - Rooms 0.74/0.75/0.76/0.77	D	A	8	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Room 0.87	D	A	8	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Lights - Far End of Corridor	D	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Lights - Rooms 0.79/0.82	D	A	8	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Lights - Room 0.86	D	A	8	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	Lights - Rooms 0.103/0.101/0.104	D	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Lights - Corridor/ Room 0.81	D	A	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L2	Lights - Far End Corridor/Rooms 0.84/0.85	D	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L3	Lights - Kitchen/Rooms 0.100/0.101	D	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L1	Spur for Power Supply Unit	D	A	1	4	4	0.4	60898	C	16	10	N/A	1.15
4 L2	Unkown	D	A		6	6	0.4	60898	C	10	10	N/A	1.84
4 L3	Lights - Rooms 0.92/0.95/0.96/0.97	D	A	23	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
5 L1	Spare												
5 L2	Unknown	D	A		4	4	0.4	60898	C	10	10	N/A	1.84
5 L3	Lights - Rooms 0.88-0.91	D	A	9	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
6 L1	Cleaners Sockets - Corridor/Rooms 0.75/0.76/0.79/0.82	D	A	10	4	4	0.4	61009	C	32	10	30	0.58
6 L2	Cleaners Sockets - Corridor/ Rooms 0.83/0.85/0.86/0.87	D	A	7	4	4	0.4	61009	C	32	10	30	0.58
6 L3	Cleaners Sockets - Corridor/Rooms 0.89/0.91/0.92	D	A	4	4	4	0.4	61009	C	32	10	30	0.58
7 L1	Sockets - Cashiers	D	A		4	4	0.4	60898	C	32	10	N/A	0.58
7 L2	Dado Sockets - Rooms 0.87/0.88	E	A	16	4	4	0.4	60898	C	32	10	N/A	0.58
7 L3	Dado Sockets - Rooms 0.88-0.91	E	A	9	4	4	0.4	60898	C	32	10	N/A	0.58
8 L1	Dado Sockets - Room 0.79	E	A	24	4	4	0.4	60898	C	32	10	N/A	0.58
8 L2	Dado Sockets - Room 0.85/0.86	E	A	22	4	4	0.4	60898	C	32	10	N/A	0.58
8 L3	Dado Sockets - Room 0.92	E	A	18	4	4	0.4	60898	C	32	10	N/A	0.58

ADDITIONAL COMMENTS







**DB N1 CIRCUIT DETAILS**

SCHEDULE DETAILS					
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX			Installation Address:	
Location of Board:	Plan/Photocopier Room 0.33	Supplied From:	MCCB Panel 1 - 4 TP	Nominal Voltage:	400 V
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A		
RCD Device:	N/A	RCD Rating:	N/A	RCD No of Poles:	N/A

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm2	cpc mm2	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671
1 L1	Lights - Central Atrium/Vending/Corridor	D	A	7	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
1 L2	Lights - Rooms 1.34/1.35/1.37	D	A	12	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
1 L3	Lights - Rooms 1.49-1.52	D	A	18	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
2 L1	Lights - Rooms 1.38/1.39/Corridor	D	A	9	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
2 L2	Lights - Rooms 1.29-1.33	D	A	17	2.5	2.5	0.4	60898	C	16	10	N/A	1.15
2 L3	Lights - Rooms 1.53-1.55/Estates Office/WC	D	A	20	2.5	2.5	0.4	60898	C	16	10	N/A	1.15
3 L1	Dado Sockets - Room 1.38	E	A	7	4	4	0.4	60898	C	32	10	N/A	0.58
3 L2	Dado Sockets - Rooms 1.34/1.35/1.37/1.38	E	A	22	4	4	0.4	60898	C	32	10	N/A	0.58
3 L3	Dado Sockets - Rooms 1.49-1.52	E	A	33	4	4	0.4	60898	C	32	10	N/A	0.58
4 L1	Sockets - First Floor Kitchen/Photocopying	D	A	8	4	4	0.4	60898	C	32	10	N/A	0.58
4 L2	Dado Sockets - Rooms 1.30-1.33	E	A	10	4	4	0.4	60898	B	32	10	N/A	1.15
4 L3	Dado Sockets - Rooms 1.53-1.56	E	A	25	4	4	0.4	60898	B	32	10	N/A	1.15
5 L1	Cleaners Sockets - Rooms 1.38/1.41/1.47/1.48/Corridor	D	A	5	4	4	0.4	61009	C	32	10	30	0.58
5 L2	Water Heater - First Floor WC East	D	A	1	6	6	0.4	60898	C	16	10	N/A	1.15
5 L3	Cleaners Sockets - Rooms 1.50-1.55/Estates Office	D	A	8	4	4	0.4	61009	C	32	10	30	0.58
6 L1	Water Heaters - First Floor Kitchen	D	A	3	6	6	0.4	60898	B	16	10	N/A	2.30
6 L2	Cleaners Sockets - Rooms 1.33/1.34 First Aid	D	A	4	4	4	0.4	61009	C	32	10	30	0.58
6 L3	Water Heater - First Floor Gents WC West	D	A	1	6	6	0.4	60898	C	32	10	N/A	0.58
7 L1	Spare												
7 L2	Sub Main - DB EM (Supply to DB EM)	D	A	1	16	16	5	60898	C	63	10	N/A	0.29
7 L3	Lights - Atrium East/Walkway Lights	D	A	4	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
8 L1	Sockets - Atrium Walkway	D	A	2	4	4	0.4	60898	C	20	10	N/A	0.92
8 L2	Lights - Mezzanine + 2 EME Bulkheads	D	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
8 L3	Lights - Atrium East/ Walkway Lights	D	A	7	2.5	2.5	0.4	60898	C	10	10	N/A	1.84

ADDITIONAL COMMENTS													



**DB NG CIRCUIT DETAILS**

SCHEDULE DETAILS					
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX			Installation Address:	
Location of Board:	Plan/Photocopier Room 0.33	Supplied From:	MCCB Panel 1 - 5 TP	Nominal Voltage:	400 V
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A		
RCD Device:	N/A	RCD Rating:	N/A	RCD No of Poles:	N/A

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs Ω permitted by BS7671
1 L1	Lights - Rooms 0.28-0.30	E	A	20	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
1 L2	Lights - Rooms0.31-0.34/Corridor	E	A	26	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
1 L3	Lights - Rooms 0.40-0.44	E	A	21	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
2 L1	Lights - Rooms 0.24-0.27/Stairwell/Kitchen	E	A	16	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
2 L2	Spare												
2 L3	Lights - Rooms 0.45/0.46	E	A	14	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
3 L1	Spare												
3 L2	Dado Sockets - Room 0.32	E	A	5	4	4	0.4	60898	C	32	10	N/A	0.58
3 L3	Dado Sockets - Rooms 0.40-0.42	E	A	22	4	4	0.4	60898	C	32	10	N/A	0.58
4 L1	Dado Sockets - Rooms 0.27/0.28	E	A	10	4	4	0.4	60898	C	32	10	N/A	0.58
4 L2	Cleaners Sockets - Rooms 0.31-0.34	E	A	8	4	4	0.4	61009	C	32	10	30	0.58
4 L3	Dado Sockets - Rooms 0.45/0.46	E	A	18	4	4	0.4	60898	C	32	10	N/A	0.58
5 L1	Cleaners Sockets - Rooms 0.24/0.25/0.27-0.29	E	A	8	4	4	0.4	61009	C	32	10	30	0.58
5 L2	Unknown	E	A		4	4	0.4	60898	C	16	10	N/A	1.15
5 L3	Cleaners Sockets - Rooms 0.40-0.43/0.45-0.49	E	A	15	4	4	0.4	61009	C	32	10	30	0.58
6 L1	Dado Sockets - Rooms 0.29/0.30	E	A	15	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Unknown	E	A		4	4	0.4	60898	C	16	10	N/A	1.15
6 L3	Water Heater - Ladies WC Ground Floor West	E	A	1	4	4	0.4	60898	C	16	10	N/A	1.15
7 L1	Lights - East Atrium Down Lights	E	A	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
7 L2	Unkown	E	A		4	4	0.4	60898	B	16	10	N/A	2.30
7 L3	Lights - West Stairs/Rooms 0.47/0.48	E	A	10	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
8 L1	Lights - East Atrium/Ground Floor Uplights	E	A	4	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
8 L2	Unknown	E	A		4	4	0.4	60898	C	16	10	N/A	1.15
8 L3	Spare												

ADDITIONAL COMMENTS													





## DB WG CIRCUIT DETAILS

### SCHEDULE DETAILS

Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	Mains Room	Supplied From:	MCCB Panel 1 - 11 TP
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A
RCD Device:	N/A	RCD Rating:	N/A
		Nominal Voltage:	400 V
		RCD No of Poles:	N/A

### CIRCUIT DETAILS

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs permitted by BS7671 Ω
1 L1	Lights - Rooms 0.70-0.72/Corridor	D	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Rooms 0.67/0.68	D	A	12	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Lights - Store/0.65/0.66/0.58/Ground Floor Corridor	D	A	21	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Spare												
2 L2	Lights - Switchroom 0.69	D	A	3	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	Lights - Stairs/Store 0.57A/0.57/Kitchen	D	A	9	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Auot Door - Inner Reception	D	A	1	6	6	0.4	60898	C	32	10	N/A	0.58
3 L2	Spare												
3 L3	Spare												
4 L1	Cleaners Sockets - Rooms 0.70-0.73/Corridor	D	A	7	4	4	0.4	61009	C	32	10	30	0.58
4 L2	Cleaners Sockets - Rooms 0.67-0.69	D	A	3	4	4	0.4	61009	C	32	10	30	0.58
4 L3	Cleaners Sockets - Rooms 0.55/0.57/0.57A/0.58/0.65/0.66	D	A	8	4	4	0.4	61009	C	32	10	30	0.58
5 L1	Dado Sockets - Rooms 0.70/0.71	E	A	21	4	4	0.4	60898	C	32	10	N/A	0.58
5 L2	Dado Sockets - 0.67/0.68	E	A	21	4	4	0.4	60898	C	32	10	N/A	0.58
5 L3	Spare												
6 L1	Sockets - Reception Area	D	A	5	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Spare												
6 L3	Water Heater - Kitchen Room 0.57	D	A	1	4	4	0.4	60898	C	16	10	N/A	1.15
7 L1	Auto Door - Outer Reception/Over door Heater	D	A	3	4	4	0.4	61009	C	32	10	30	0.58
7 L2	Door Access PSU - Mains Room	D	A	5	4	4	0.4	60898	C	20	10	N/A	0.92
7 L3	Spare												
8 L1	Spare												
8 L2	Spare												
8 L3	Dado Sockets - Room 0.65	D	A	3	4	4	0.4	60898	C	32	10	N/A	0.58

### ADDITIONAL COMMENTS



**DB WG CIRCUIT DETAILS**

**SCHEDULE DETAILS**

Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	Mains Room	Supplied From:	MCCB Panel 1 - 11 TP
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A
RCD Device:	N/A	RCD Rating:	N/A
		Nominal Voltage:	400 V
		RCD No of Poles:	N/A

**CIRCUIT DETAILS**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs Ω permitted by BS7671
9 TP	Disabled Lift	F	C	1	6	40	0.4	60898	C	32	10	N/A	0.58
10 TP	Spare												
11 TP	Spare												
12 TP	Spare												
13 TP													

**ADDITIONAL COMMENTS**



## DB W1 CIRCUIT DETAILS

### SCHEDULE DETAILS

Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	Mains Room	Supplied From:	MCCB Panel 1 - 10 TP
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A
RCD Device:		RCD Rating:	mA
		Nominal Voltage:	230 V
		RCD No of Poles:	

### CIRCUIT DETAILS

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671
1 L1	Spare												
1 L2	Lights - Room 1.77/Hallway	D	A	2	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Lights - Rooms 1.70-1.73	D	A	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Lights - Rooms 1.78-1.80	D	A	19	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Lights - Rooms 1.74-1.76	D	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	Lights - Corridor/1.63	D	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Spare												
3 L2	Spare												
3 L3	Spare												
4 L1	Cleaners Sockets - Rooms 1.78-1.81	D	A	5	4	4	0.4	61009	C	32	10	30	0.58
4 L2	Cleaners Sockets - Rooms 1.74/1.76/1.77/Lobby	D	A	4	4	4	0.4	61009	C	32	10	30	0.58
4 L3	Cleaners Sockets - Rooms 1.70/1.71/1.71A/1.73/1.83	D	A	7	4	4	0.4	61009	C	32	10	30	0.58
5 L1	Dado Sockets - Rooms 1.78-1.80	E	A	22	4	4	0.4	60898	C	32	10	N/A	0.58
5 L2	Dado Sockets - Rooms 1.74-1.76	E	A	17	4	4	0.4	60898	C	32	10	N/A	0.58
5 L3	Dado Sockets - Rooms 1.71/1.73/1.74	E	A	17	4	4	0.4	60898	C	32	10	N/A	0.58
6 L1	Window Fan - Mains Room	O	C	2	1.0	1.0	0.4	60898	B	10	10	N/A	3.68
6 L2	Spare												
6 L3	Spare												
7 TP	Spare												
8 TP	Spare												
9 TP													

### ADDITIONAL COMMENTS



## DB WA CIRCUIT DETAILS

### SCHEDULE DETAILS

Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	Mains Room	Supplied From:	MCCB Panel 1 - 6 TP
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A
RCD Device:	N/A	RCD Rating:	N/A
		Nominal Voltage:	400 V
		RCD No of Poles:	N/A

### CIRCUIT DETAILS

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Z <sub>s</sub> Ω permitted by BS7671
1 L1	Lights - Atrium High Level	D	A	15	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Spare												
1 L3	Lights - Atrium Walkway Far Side	D	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Lights - Atrium High Level Far Side	D	A	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Spare												
2 L3	Lights - Atrium Walkway + EME	D	A	18	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Lights - Atrium Walkway + Meeting Rooms	D	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L2	Spare												
3 L3	Lights - Under Atrium/ Rooms 0.38/0.39	D	A	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L1	Spare												
4 L2	Lights - High Level Mezzanine & Cafe	D	A	7	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L3	Lights - Canteen & Office	D	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
5 L1	Cleaners Socket - Upstairs Atrium & Mezzanine Floor	D	A	8	4	4	0.4	61009	C	32	10	30	0.58
5 L2	Spare												
5 L3	Cleaners Sockets - Atrium/Rooms 0.38/0.39	D	A	9	4	4	0.4	61009	C	32	10	30	0.58
6 L1	Dado Sockets - Rooms 1.46/1.47	D	A	4	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Sockets - canteen Vending Machines	D	A	4	4	4	0.4	60898	C	20	10	N/A	0.92
6 L3	Underfloor Power Near Atrium Mains Room	G	C	15	10	10	0.4	60898	C	32	10	N/A	0.58
7 L1	Cleaners Sockets - Atrium First Floor	D	A	3	4	4	0.4	61009	C	32	10	30	0.58
7 L2	Isolators - Canteen Cupboard	D	A	1	4	4	0.4	60898	C	20	10	N/A	0.92
7 L3	Underfloor Power	G	C	11	10	10	0.4	60898	C	32	10	N/A	0.58
8 L1	Window Actuator Panel + 2 Sockets	D	A	3	4	4	0.4	61009	C	32	10	30	0.58
8 L2	Sockets - Canteen Flush in Wall	D	C	5	4	4	0.4	61009	C	20	10	30	0.92
8 L3	Spare												

### ADDITIONAL COMMENTS









**DB C CIRCUIT DETAILS**

**SCHEDULE DETAILS**

Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	Council Chamber Store Cupboard	Supplied From:	MCCB Panel 1 - 9 TP
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A
RCD Device:		RCD Rating:	mA
		Nominal Voltage:	230 V
		RCD No of Poles:	

**CIRCUIT DETAILS**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671
1 L1	Lights - Ground Floor Admin	D	A	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Chamber Centre	D	A	5	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Spare												
2 L1	Lights - Ground Floor Admin Office	D	A	16	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Lights - Chamber Down Lights	D	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	Spare												
3 L1	Lights - Ground Floor Admin/Lab/Racks	D	A	6	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L2	Lights - Store/Chamber Down Lights	D	A	18	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L3	Spare												
4 L1	Lights - Ground Floor Admin Office	D	A	18	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L2	Lights - Meeting Rooms/LobbyMembers Room	D	A	25	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L3	Spare												
5 L1	Lights - Ground Floor Admin Office	D	A	6	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
5 L2	Lights - External Rear of Building	D	A	4	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
5 L3	Spare												
6 L1	Spare												
6 L2	Spare												
6 L3	Smoke Vent Panel	D	A	1	10	10	0.4	60898	C	10	10	N/A	1.84
7 TP	Spare												
8 TP	Spare												
9 L1	Dado Sockets - Enviromental Policy Services	E	A	10	4	4	0.4	61009	C	32	10	30	0.58
9 L2	Sockets - Rooms 1.08/1.09/1.13/Chamber Store	E	A	11	4	4	0.4	61009	C	32	10	30	0.58
9 L3	Spare												
10 L1	Under Floor Power - Ground Floor Admin	E	A	5	10	10	0.4	60898	C	32	10	N/A	0.58

**ADDITIONAL COMMENTS**



**DB C CIRCUIT DETAILS**

SCHEDULE DETAILS					
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX			Installation Address:	
Location of Board:	Council Chamber Store Cupboard	Supplied From:	MCCB Panel 1 - 9 TP	Nominal Voltage:	230 V
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A		
RCD Device:		RCD Rating:	mA	RCD No of Poles:	

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs Ω permitted by BS7671
10 L2	Sockets - Council Chamber	E	A	5	4	4	0.4	60898	C	32	10	N/A	0.58
10 L3	Spare												
11 L1	Under Floor Power - Ground Floor Admin	E	A	6	10	10	0.4	60898	C	32	10	N/A	0.58
11 L2	Sockets - Council Chamber	E	A	4	4	4	0.4	60898	C	32	10	N/A	0.58
11 L3	Spare												
12 L1	Under Floor Power - Ground Floor Admin	E	A	6	10	10	0.4	60898	C	32	10	N/A	0.58
12 L2	Sockets - Council Chamber Floor	E	A	5	10	10	0.4	61009	C	32		30	0.58
12 L3	Spare												
13 L1	Air Conditioning on Roof	G	C	1	4	4	0.4	60898	C	20	10	N/A	0.92
13 L2	Dado Sockets - Meeting Room	E	A	4	4	4	0.4	60898	C	32	10	N/A	0.58
13 L3	Air Conditioning on Roof	G	C	1	4	4	0.4	60898	C	32	10	N/A	0.58
14 L1	Spare												
14 L2	Dado Sockets - Members Room	E	A	4	4	4	0.4	60898	C	32	10	N/A	0.58
14 L3	Sockets - Basement	E	A	2	4	4	0.4	60898	C	32	10	N/A	0.58
15 L1	Lights - Basement	E	A	12	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
15 L2	Air Conditioning on Roof	G	C	1	4	4	0.4	60898	C	32	10	N/A	0.58
15 L3	Lights - Admin Office /Scanning Area	E	A	4	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
16 L1	Spare												
16 L2	Sockets - Council Chamber Floor	E	A	5	4	4	0.4	60898	C	32	10	N/A	0.58
16 L3	Spare												
17 TP	Spare												
18 TP	Spare												
19 L1	Dado Sockets - Lab Room 0.9	G	C	3	4	4	0.4	60898	C	20	10	N/A	0.92
19 L2	Spare												

ADDITIONAL COMMENTS													



**DB C CIRCUIT DETAILS**

**SCHEDULE DETAILS**

Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	Council Chamber Store Cupboard	Supplied From:	MCCB Panel 1 - 9 TP
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A
RCD Device:		RCD Rating:	mA
		Nominal Voltage:	230 V
		RCD No of Poles:	

**CIRCUIT DETAILS**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm2	cpc mm2	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs permitted by BS7671 Ω
19 L3	Spare												
20 L1	Spare												
20 L2	Spare												
20 L3	Light - Cupboard	E	A	1	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
21 TP	Spare												
22 TP	Spare												
23 TP	Spare												
24 TP	Spare												
25 TP													

**ADDITIONAL COMMENTS**





**DB No.1 CIRCUIT DETAILS**

**SCHEDULE DETAILS**

Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:		Supplied From:	DB No.2 - 7 L3
Overcurrent Device:	60898 - Type C	Rating:	32 A
RCD Device:		RCD Rating:	mA
		Nominal Voltage:	230 V
		RCD No of Poles:	

**CIRCUIT DETAILS**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671
1 TP	Lift Supply (Not Found)												
2 TP	HV Panel (Not Found)												
3 TP	Sub Mains - DB No. 2	G	C	1	16	16	5	3871	3	60	4	N/A	N/A
4 TP	Sub Mains - DB AC Comms Room	G	C	1	16	16	5	60898	C	63	10	N/A	0.29
5 TP	16 Amp Socket Outlet Print Room	G	C	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.15
6 L1	Sockets - Print Room	B	B	7	6	2.5	0.4	60898	B	32	10	N/A	1.15
6 L2	32 Amp Socket Outlet Print Room	O		1	2.5	2.5	0.4	60898	B	32	10	N/A	1.15
6 L3	Unknown											N/A	

**ADDITIONAL COMMENTS**



**DB No.2 CIRCUIT DETAILS**

SCHEDULE DETAILS					
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX			Installation Address:	
Location of Board:		Supplied From:	MCCB Panel 1 - 7 TP	Nominal Voltage:	400 V
Overcurrent Device:	60947-2 - Type N/A	Rating:	125 A		
RCD Device:	N/A	RCD Rating:	N/A	RCD No of Poles:	N/A

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671
1 L1	Hand Dryer - Ground Floor Gents WC	D	A	1	2.5	2.5	0.4	3871	2	20	6	N/A	1.31
1 L2	Hand Dryer/sockets - Ladies WC/Office/Boiler	D	A	3	2.5	2.5	0.4	3871	2	20	6	N/A	1.31
1 L3	Unknown	D	A					3871	2		6	N/A	
2 L1	Cleaners Sockets - Ground Floor	D	A	3	2.5	2.5	0.4	61009	C	32	10	30	0.58
2 L2	Sockets - I.T Suite Floor & Wall	D	A	9	2.5	2.5	0.4	3871	2	32	6	N/A	0.82
2 L3	Unknown	D	A					3871	2		6	N/A	
3 L1	Spare												
3 L2	Sockets - I.T Suite Floor & Wall	D	A	5	2.5	2.5	0.4	3871	2	32	6	N/A	0.82
3 L3	Spare												
4 TP	Sub Mains - DB NL	D	A	1	25	16	1	3871	2	32	6	N/A	
5 L1	Sub Mains - DB ES	D	A	1				3871	2	32	10	N/A	
5 L2	Lights - Police Ground Floor (Unkown)	D	A					3871	2		6	N/A	
5 L3	Lights - Police First Floor (Unknown)	D	A					3871	2		6	N/A	
6 L1	Contactors	D	A	1	1.5	1.5	0.4	3871	2	5	6	N/A	5.21
6 L2	Security Spurs (Unknown)	D	A					3871	2		6	N/A	
6 L3	Floor Fans (Unknown)	D	A					3871	2		6	N/A	
7 L1	BT Spur (Unknown)	D	A					3871	2		6	N/A	
7 L2	Security Spurs (Unknown)	D	A					3871	2		6	N/A	
7 L3	Sub Mains - I.T Room (Supply to DB No.1)	G	C	1	6	6	0.4	60898	C	32	10	N/A	0.58
8 L1	Sockets - Print Room	D	A	7	2.5	2.5	0.4	60898	C	32	10	N/A	0.58
8 L2	Sockets - Print Office	D	A	19	2.5	2.5	0.4	60898	C	32	10	N/A	0.58
8 L3	Sockets - Post Room	D	A	8	2.5	2.5	0.4	60898	B	32	10	N/A	1.15

ADDITIONAL COMMENTS													



**DB NL CIRCUIT DETAILS**

SCHEDULE DETAILS			
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:		Supplied From:	Origin
Overcurrent Device:		Rating:	A
RCD Device:		RCD Rating:	mA
		Nominal Voltage:	230 V
		RCD No of Poles:	

CIRCUIT DETAILS													
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm2	cpc mm2	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671
1 L1	Spare												
1 L2	Lights - I.T Office/Boiler Room/WC	D	A	18	1.5	1.5	0.4	3871	2	5	6	N/A	5.21
1 L3	Lights - Server Room	D	A	9	1.5	1.5	0.4	3871	2	5	6	N/A	5.21
2 L1	Spare												
2 L2	Lights - I.T Office	D	A	9	1.5	1.5	0.4	3871	2	5	6	N/A	5.21
2 L3	Lights - Server Room	D	A	6	1.5	1.5	0.4	3871	2	5	6	N/A	5.21
3 L1	Spare												
3 L2	Unknown												
3 L3	Spare												
4 L1	Sub Mains - External Lighting												
4 L2	Spare												
4 L3	Lights - Print Room Corridor	D	A	11	1.5	1.5	0.4	60898	C	10	10	N/A	1.84
5 L1	Lights - Print Room	D	A	8	1.5	1.5	0.4	60898	C	10	10	N/A	1.84
5 L2	Lights - Print Room Office	D	A	8	1.5	1.5	0.4	60898	C	10	10	N/A	1.84
5 L3	Lights - Post Room	D	A	9	1.5	1.5	0.4	60898	D	10	10	N/A	0.92
6 L1	Spare												
6 L2	16 Amp Socket - Post Room	D	A	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.30
6 L3	16 Amp Socket - Post Room	D	A	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.30

ADDITIONAL COMMENTS



### DB PDU/CIRCUIT DETAILS

SCHEDULE DETAILS			
Client Address:	Cotswold District Council, Trinity Road, Cirencester, Gloucestershire, GL7 1PX	Installation Address:	
Location of Board:	Server Room	Supplied From:	Origin
Overcurrent Device:		Rating:	A
RCD Device:		RCD Rating:	mA
		Nominal Voltage:	230 V
		RCD No of Poles:	

CIRCUIT DETAILS														
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD	
					Live mm2	cpc mm2	BS(EN)		Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs permitted by BS7671 Ω	
1 L1	Fans - I.T office	A	C	3	1.5	1.0	0.4	60898	B	6	10		6.14	
1 L2	Sockets - Back Wall Server Room	A	C	6	2.5	1.5	0.4	60898	C	32	10		0.58	
1 L3	Spare													
2 L1	Socket - Telecom Back Wall	A	B	1	2.5	1.5	0.4	60898	B	16	10		2.30	
2 L2	Spare													
2 L3	16 Amp Socket Underfloor Server Room	G	C	1	2.5	2.5	0.4	60898	B	16	10		2.30	
3 L1	Socket - BT I.T Store	A	B	1	2.5	1.5	0.4	60898	B	16	10		2.30	
3 L2	Dado Sockets - I.T Office	A	B	12	2.5	1.5	0.4	3871	2	32	6		0.82	
3 L3	Dado Sockets - I.T Office	A	C	13	2.5	1.5	0.4	3871	2	32	6		0.82	
4 L1	County DX (Unknown)	A	C					60898	B		10			
4 L2	Sockets -	A	B	7	2.5	1.5	0.4	3871	2	32	10		0.82	
4 L3	Spare													

ADDITIONAL COMMENTS





**ELECTRICAL INSTALLATION CONDITION REPORT**  
Issued in accordance with British Standard BS 7671 - Requirements for Electrical Installations

Certificate Reference:

**1 DETAILS OF THE CLIENT**

Client:   
Address:

**2 PURPOSE OF THE REPORT**

Purpose for which this report is required:

**3 DETAILS OF THE INSTALLATION**

Installation Address:

Description of premises: Domestic  Commercial  Industrial  Other:

Estimated age of electrical installation:  years Evidence of alteration or additions:  if yes, estimated age:  years

Date of previous inspection:

Records of installation available:  Electrical Installation Certificate No or previous Periodic Inspection Report No:

**4 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING**

Extent of the electrical installation covered by this report:

Agreed and operational limitations of the inspection and testing (include reasons and person agreed with):

The inspection has been carried out in accordance with BS 7671:2008, as amended to 2011. Cables concealed within trunking and conduits, under floors, in roof spaces and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection.

**5 DECLARATION**

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see section 2), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see section 7) and the attached schedules (see section 17), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see section 4).

**For the INSPECTION, TESTING AND ASSESSMENT of the report:**

Name:  Position:  Signature:  Date:

**Report reviewed and authorised for issue by:**

Name:  Position:  Signature:  Date:

**6 SUMMARY OF THE CONDITION OF THE INSTALLATION**

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

**Overall assessment of the installation in terms of it's suitability for continued use\*:**

**\* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.**

**7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN**

Referring to the attached Schedule(s) of Inspections and Test Results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

- There are no items adversely affecting electrical safety **or**  
 The following observations and recommendations are made

Item No	Observations	Classification Code	Further Investigation Required
1			

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

- C1 Danger Present** Risk of injury. Immediate remedial action required     
 **C2 Potentially dangerous** Urgent remedial action required     
 **C3 Improvement recommended**

**Immediate remedial action required for items:**

**Urgent remedial action required for items:**

**Improvement recommended for items:**

**Further investigation required for items:**

## 8 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'Further Investigation Required'. Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the installation in terms of electrical safety:

## 9 NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

(Enter interval in terms of years, months or weeks, as appropriate)

**provided that any items in section 7 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 7).**

## 10 DETAILS OF THE ELECTRICAL CONTRACTOR

Trading Title: <input type="text" value="MBE Installations (Stroud) Ltd"/>	
Address: <input type="text" value="72 Kingscourt Lane&lt;br/&gt;Stroud&lt;br/&gt;Glos"/>	Registration Number: <input type="text" value="044764"/>
Postcode: <input type="text" value="GL5 3PX"/>	Telephone Number: <input type="text" value="01453 755601"/>

## 11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)	Number and Type of Live Conductors	Nature of Supply Parameters	Characteristics of Primary Supply Overcurrent Protective Device(s)
TN-S <input type="checkbox"/>	ac: <input checked="" type="checkbox"/> dc: <input type="checkbox"/> N/A 1-phase (2 wire): <input type="checkbox"/> N/A 1-phase (3 wire): <input checked="" type="checkbox"/> 2 pole: <input type="checkbox"/> N/A	Nominal voltage(s): U: <input type="text" value="400 V"/> Uo: <input type="text" value="230 V"/>	BS(EN): <input type="text"/> Type: <input type="text"/> Rated current: <input type="text"/> A Short-circuit capacity: <input type="text"/> kA
TN-C-S <input type="checkbox"/>	2-phase (3 wire): <input type="checkbox"/> N/A 3 pole: <input type="checkbox"/> N/A	Nominal frequency, f: <input type="text" value="50 Hz"/>	
TNC <input type="checkbox"/>	3-phase (3 wire): <input type="checkbox"/> N/A 3-phase (4 wire): <input type="checkbox"/> N/A Other: <input type="checkbox"/> N/A	Prospective fault current, Ipf: <input type="text"/> kA	
TT <input type="checkbox"/>	Other: <input type="text" value="N/A"/>	External earth fault loop impedance, Ze: <input type="text"/> Ω	
IT <input type="checkbox"/>	Confirmation of supply polarity: <input type="checkbox"/>	Number of supplies: <input type="text" value="1"/>	

## 12 PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing	Details of Installation Earth Electrode (where applicable)
Distributor's facility: <input type="text"/>	Type: <input type="text"/> Location: <input type="text"/>
Installation earth electrode: <input type="text"/>	Electrode resistance, RA: <input type="text"/> Ω Method of measurement: <input type="text"/>

Main Switch or Circuit-Breaker	Earthing and Protective Bonding Conductors
Type: <input type="text"/>	<b>Earthing conductor</b> Conductor material: <input type="text" value="Copper"/> Conductor csa: <input type="text"/> mm <sup>2</sup> Continuity & connection verified: <input type="checkbox"/>
BS(EN): <input type="text"/>	<b>Main protective bonding conductors</b> Conductor material: <input type="text" value="Copper"/> Conductor csa: <input type="text"/> mm <sup>2</sup> Continuity & connection verified: <input type="checkbox"/>
Number of poles: <input type="text"/>	<b>Bonding of extraneous-conductive parts</b>
Supply conductors material: <input type="text" value="Copper"/>	Water service: <input type="checkbox"/> Gas service: <input type="checkbox"/> Oil service: <input type="checkbox"/> Lightning protection: <input type="checkbox"/>
Supply conductors csa: <input type="text"/> mm <sup>2</sup>	Structural Steel: <input type="checkbox"/> Other incoming service(s): <input type="text"/>
Voltage rating: <input type="text"/> V	
Rated current, In: <input type="text"/> A	
RCD operating current: <input type="text"/> N/A mA	
RCD rated time delay: <input type="text"/> N/A ms	
RCD operating time: <input type="text"/> N/A ms	

## 1.3 INSPECTION SCHEDULE

### 1.0 CONDITION/ADEQUACY OF DISTRIBUTOR'S/SUPPLY INTAKE EQUIPMENT

	Comments	Outcome	Further investigation required
1.1 Service cable	N/A	<input type="checkbox"/>	<input type="checkbox"/>
1.2 Service cut-out/fuse(s)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
1.3 Meter tails - distributor	N/A	<input type="checkbox"/>	<input type="checkbox"/>
1.4 Meter tails - consumer	N/A	<input type="checkbox"/>	<input type="checkbox"/>
1.5 Metering equipment	N/A	<input type="checkbox"/>	<input type="checkbox"/>
1.6 Means of main isolation (where present)	N/A	<input type="checkbox"/>	<input type="checkbox"/>

### 2.0 PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES

#### 3.0 AUTOMATIC DISCONNECTION OF SUPPLY

3.1 Main earthing and bonding arrangements			
- Presence and condition of distributor's earthing arrangement	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Presence and condition of earth electrode arrangement	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Adequacy of earthing conductor size	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Adequacy of earthing conductor connections	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Accessibility of earthing conductor connections	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Adequacy of main protective bonding conductor size(s)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Adequacy of main protective bonding conductor connections	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Accessibility of main protective bonding connections	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Provision of earthing/bonding labels at all appropriate locations	N/A	<input type="checkbox"/>	<input type="checkbox"/>

#### 3.2 FELV

* Source providing at least simple separation	N/A	<input type="checkbox"/>	<input type="checkbox"/>
* Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	<input type="checkbox"/>	<input type="checkbox"/>

#### 3.3 Reduced low voltage

* Adequacy of source	N/A	<input type="checkbox"/>	<input type="checkbox"/>
* Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	<input type="checkbox"/>	<input type="checkbox"/>

### 4.0 OTHER METHODS OF PROTECTION (where the methods of protection listed below are employed, details should be provided on separate sheets)

4.1 Double insulation	N/A	<input type="checkbox"/>	<input type="checkbox"/>
4.2 Reinforced insulation	N/A	<input type="checkbox"/>	<input type="checkbox"/>
4.3 Use of obstacles	N/A	<input type="checkbox"/>	<input type="checkbox"/>
4.4 Placing out of reach	N/A	<input type="checkbox"/>	<input type="checkbox"/>
4.5 Non-conducting location	N/A	<input type="checkbox"/>	<input type="checkbox"/>
4.6 Earth-free local equipotential bonding	N/A	<input type="checkbox"/>	<input type="checkbox"/>
4.7 Electrical separation for more than one item of equipment	N/A	<input type="checkbox"/>	<input type="checkbox"/>

### 5.0 DISTRIBUTION EQUIPMENT

5.1 Adequacy of working space/accessibility of equipment	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.2 Security of fixing	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.3 Condition of insulation of live parts	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.4 Adequacy/security of barriers	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.5 Condition of enclosure(s) in terms of IP rating	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.6 Condition of enclosure(s) in terms of fire rating	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.7 Enclosure not damaged/deteriorated so as to impair safety	N/A	<input type="checkbox"/>	<input type="checkbox"/>

## 14 INSPECTION SCHEDULE

### DISTRIBUTION EQUIPMENT (CONTINUED)

	Comments	Outcome	Further investigation required
5.8 Presence of main switch(es), linked where required	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.9 Operation of main switch(es) (functional check)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.10 Correct identification of circuit protective devices	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.11 Adequacy of protective devices for prospective fault current	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.12 RCD(s) provided for fault protection - includes RCBOs	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.13 RCD(s) provided for additional protection - includes RCBOs	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.14 RCD(s) provided for protection against fire - includes RCBOs	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.15 Manual operation of circuit-breakers and RCDs to prove disconnection	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.16 Presence of RCD retest notice at or near equipment where required	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.17 Presence of diagrams, charts or schedules at or near equipment where required	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.18 Presence of non-standard (mixed) cable colour warning notice at or near equipment where required	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.19 Presence of alternative supply arrangement warning notice(s) at or near equipment where required	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.20 Presence of replacement next inspection recommendation label	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.21 Presence of other required labelling (specify)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.22 Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.23 Protection against mechanical damage where cables enter equipment	N/A	<input type="checkbox"/>	<input type="checkbox"/>
5.24 Protection against electromagnetic effects where cables enter metallic enclosures	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>6.0 DISTRIBUTION/FINAL CIRCUITS</b>			
6.1 Identification of conductors	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.2 Cables correctly supported throughout their length	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.3 Condition of insulation of live parts	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.4 Non-sheathed cables protected by enclosure in conduit, duct or trunking	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.5 Suitability of containment systems for continued use (including flexible conduit)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.6 Cables correctly terminated in enclosures (indicate extent of sampling in Section 4 of report)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.7 Examination of cables for signs of unacceptable thermal and mechanical damage/deterioration	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.8 Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.9 Adequacy of protective devices; type and rated current for fault protection	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.10 Presence and adequacy of circuit protective conductors	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.11 Co-ordination between conductors and overload protective devices	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.12 Cable installation methods/practices appropriate to the type and nature of installation and external influences	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.13 Cables where exposed to direct sunlight, of a suitable type	N/A	<input type="checkbox"/>	<input type="checkbox"/>

'TICK' indicates Acceptable condition  
'N/A' indicates Not Applicable

'C1' or 'C2' indicates Unacceptable Condition  
'LIM' indicates Limitation

'C3' indicates Improvement recommended  
'N/V' indicates Not Verified

## 15 INSPECTION SCHEDULE

### 6.0 DISTRIBUTION/FINAL CIRCUITS (CONTINUED)

	Comments	Outcome	Further investigation required
6.14 Concealed cables installed in prescribed zones (see extent and limitations)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.15 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage caused by nails, screws and the like where not in prescribed zones or not protected by 30 mA RCD (see extent and limitations)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.16 Provision of additional protection by 30 mA RCD for cables concealed in walls or partitions	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.17 Provision of additional protection by 30 mA RCD			
- Where reasonably likely to be used to supply mobile equipment for use outdoors	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- For all socket-outlets of rating 20 A or less provided for use by ordinary persons	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.18 Provision of fire barriers, sealing arrangements and protection against thermal effects	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.19 Band II cables segregated/separated from Band I cables	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.20 Cables segregated/separated from non-electrical services	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.21 Termination of cables at enclosures (identify numbers and locations of items inspected in Section 4)			
- Connections under no undue strain	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- No basic insulation of a conductor visible outside an enclosure	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Connections of live conductors adequately enclosed	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Adequacy of connection at point of entry to enclosure (gland, bush or similar)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.22 General condition of wiring systems	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.23 Temperature rating of cable insulation	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.24 Condition of accessories including socket-outlets, switches and joint boxes	N/A	<input type="checkbox"/>	<input type="checkbox"/>
6.25 Suitability of accessories for external influences	N/A	<input type="checkbox"/>	<input type="checkbox"/>

### 7.0 ISOLATION AND SWITCHING

7.1 Isolators			
- presence and condition of appropriate devices	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- acceptable location	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- capable of being secured in the OFF position	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- correct operation verified	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- clearly identified by position and/or durable marking(s)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- Warning label posted in situations where live parts cannot be isolated by the operation of a single device	N/A	<input type="checkbox"/>	<input type="checkbox"/>
7.2 Switching off for mechanical maintenance			
- presence and condition of appropriate devices	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- acceptable location	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- capable of being secured in the OFF position	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- correct operation verified	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- clearly identified by position and/or durable marking(s)	N/A	<input type="checkbox"/>	<input type="checkbox"/>

'TICK' indicates Acceptable condition

'C1' or 'C2' indicates Unacceptable Condition

'C3' indicates Improvement recommended

'N/A' indicates Not Applicable

'LIM' indicates Limitation

'N/V' indicates Not Verified

# 16 INSPECTION SCHEDULE

	Comments	Outcome	Further investigation required
<b>7.3 Emergency switching/stopping</b>			
- presence and condition of appropriate devices	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- readily accessible for operation where danger might occur	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- correct operation verified	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- clearly identified by position and/or durable marking(s)	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.4 Functional switching</b>			
- presence and condition of appropriate devices	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- correct operation verified	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)</b>			
<b>8.1 Condition of equipment in terms of IP rating</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.2 Equipment does not constitute a fire hazard</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.3 Enclosure not damaged/deteriorated so as to impair safety</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.4 Suitability for the environment and external influences</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.5 Security of fixing</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.6 Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire (indicate extent of sampling in Section 4 of report)</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>8.7 Recessed luminaires (e.g. downlighters)</b>			
- correct type of lamps fitted	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- installed to minimise build-up of heat by use of 'fire rated' fittings,insulation displacement box or similar	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- no signs of overheating to surrounding building fabric	N/A	<input type="checkbox"/>	<input type="checkbox"/>
- no signs of overheating to conductors/terminations	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>9.0 LOCATION(S) CONTAINING A BATH OR SHOWER</b>			
<b>9.1 Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>9.2 Where used as a protective measure, requirements for SELV or PELV are met</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>9.3 Shaver sockets comply with BS EN 61558-2-5 or BS 3535</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>9.4 Presence of supplementary bonding conductors unless not required by BS 7671: 2008</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>9.5 Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>9.6 Suitability of equipment for external influences for installed location in terms of IP rating</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>9.7 Suitability of equipment for installation in a particular zone</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>9.8 Suitability of current-using equipment for a particular position within the location</b>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<b>10.0 OTHER SPECIAL INSTALLATIONS OR LOCATIONS</b>			
List all other special installation or locations present, if any. (Record separately the results of particular inspections applied.)			
<input type="text"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>		<input type="checkbox"/>	<input type="checkbox"/>
'TICK' indicates Acceptable condition	'C1' or 'C2' indicates Unacceptable Condition	'C3' indicates Improvement recommended	
'N/A' indicates Not Applicable	'LIM' indicates Limitation	'N/V' indicates Not Verified	

### 17 CIRCUIT DETAILS

Distribution board designation:		MCCB Panel 1						Location:		Mains Room				
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD		
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671	
1 TP	Sub Mains - DB EG (Supply to DB EG)							60947-2	N/A	125	25	N/A		
2 TP	Sub Mains - DB SG (Supply to DB SG)							60947-2	N/A	125	25	N/A		
3 TP	Sub Mains - DB S1 (Supply to DB S1)							60947-2	N/A	125	25	N/A		
4 TP	Sub Mains - DB N1 (Supply to DB N1)							60947-2	N/A	125	25	N/A		
5 TP	Sub Mains - DB NG (Supply to DB NG)							60947-2	N/A	125	25	N/A		
6 TP	Sub Mains - DB WA (Supply to DB WA)							60947-2	N/A	125	25	N/A		
7 TP	Sub Mains - DB 2 Storey Extention (Supply to DB No.2)							60947-2	N/A	125	25	N/A		
8 TP	Surge Protection							60947-2	N/A	63	25	N/A		
9 TP	Sub Main - DB C (Supply to DB C)							60947-2	N/A	125	25	N/A		
10 TP	Sub Mains - DBW 1 (Supply to DB W1)							60947-2	N/A	125	25	N/A		
11 TP	Sub Mains - DB WG (Supply to DB WG)							60947-2	N/A	125	25	N/A		
12 TP	Sub Mains - DB E1 (Supply to DB E1)							60947-2	N/A	125	25	N/A		
13 L1	Spare													
13 L2	Spare													
13 L3	Way Not Available - Link to Adjacent Panel							N/A	N/A					
14 L1	Way Not Available - Link to Adjacent Panel							N/A	N/A					
14 L2	Way Not Available - Link to Adjacent Panel							N/A	N/A					
14 L3	Way Not Available - Link to Adjacent Panel							N/A	N/A					

Type of Wiring O-Other:

### 18 BOARD CHARACTERISTICS

**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from:  No of phases:

Overcurrent protective device for the distribution circuit: BS(EN):  Rating:  Nominal Voltage:

RCD BS(EN):  No of poles:  Rating:

Confirmation of supply polarity  Zs:  Ipf:  RCD operating times At In:  At 5In:



## 19 TEST RESULTS

Distribution board designation:

**MCCB Panel 1**

Location:

**Mains Room**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	↙
1 TP							> 200	> 200	> 200			N/A	N/A	N/A
2 TP							> 200	> 200	> 200			N/A	N/A	N/A
3 TP							> 200	> 200	> 200			N/A	N/A	N/A
4 TP							> 200	> 200	> 200			N/A	N/A	N/A
5 TP							> 200	> 200	> 200			N/A	N/A	N/A
6 TP							> 200	> 200	> 200			N/A	N/A	N/A
7 TP							> 200	> 200	> 200			N/A	N/A	N/A
8 TP							> 200	> 200	> 200			N/A	N/A	N/A
9 TP							> 200	> 200	> 200			N/A	N/A	N/A
10 TP							> 200	> 200	> 200			N/A	N/A	N/A
11 TP							> 200	> 200	> 200			N/A	N/A	N/A
12 TP							> 200	> 200	> 200			N/A	N/A	N/A
13 L1														
13 L2														
13 L3							> 200	> 200	> 200					
14 L1							> 200	> 200	> 200					
14 L2							> 200	> 200	> 200					
14 L3							> 200	> 200	> 200					

## 20 DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

## 21 TESTED BY

 Name: **Andrew Cockell** Position: **Approved Electrician** Signature: \_\_\_\_\_ Date: **16/09/2014**

**CIRCUIT DETAILS**  
 Distribution board designation: **MCCB Panel 2** Location: **Mains Room**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD Operating current mA Maximum Zs permitted by BS7671 Ω
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA	
1 TP	Spare											
2 TP	Spare											
3 TP	Sub Main - IBM Ex Supply							60947-2	N/A	63	25	N/A
4 TP	Lift							60947-2	N/A	63	25	N/A
5 TP	Sub Main - MCC 4							60947-2	N/A	100	25	N/A
6 TP	Sub Main - MCC 2							60947-2	N/A	100	25	N/A
7 TP	Sub Main - DB EL (Supply to DB EL)							60947-2	N/A	63	25	N/A
8 TP	Spare											
9 TP	Spare											
10 L1	Fire Alarm Panel							60947-2	N/A	16	25	N/A
10 L2	Sub Main - LMR DB (Supply to DB LM1)							60947-2	N/A	63	25	N/A
10 L3	Sub Main - Hub DB							60947-2	N/A	100	25	N/A
11 TP	Sub Main - MCCB 1 Computer Room							60947-2	N/A	63	25	N/A
12 TP	Spare											
13 TP	Spare											
14 TP	Spare											

Type of Wiring O-Other:

**BOARD CHARACTERISTICS**

**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from:  No of phases:

Overcurrent protective device for the distribution circuit: BS(EN):  Rating:  Nominal Voltage:

RCD BS(EN):  No of poles:  Rating:

Confirmation of supply polarity  Zs:  Ipf:  RCD operating times At In:  At 5In:

## TEST RESULTS

Distribution board designation:

**MCCB Panel 2**

Location:

**Mains Room**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1 TP														
2 TP														
3 TP							> 200	> 200	> 200			N/A	N/A	N/A
4 TP							> 200	> 200	> 200			N/A	N/A	N/A
5 TP							> 200	> 200	> 200			N/A	N/A	N/A
6 TP							> 200	> 200	> 200			N/A	N/A	N/A
7 TP							> 200	> 200	> 200			N/A	N/A	N/A
8 TP														
9 TP														
10 L1							> 200	> 200	> 200			N/A	N/A	N/A
10 L2							> 200	> 200	> 200			N/A	N/A	N/A
10 L3							> 200	> 200	> 200			N/A	N/A	N/A
11 TP							> 200	> 200	> 200			N/A	N/A	N/A
12 TP														
13 TP														
14 TP														

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

### TESTED BY

Name: <b>Andrew Cockell</b>	Position: <b>Approved Electrician</b>	Signature: _____	Date: <b>16/09/2014</b>
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**CIRCUIT DETAILS**  
 Distribution board designation: **DB LM1** Location: **Lift Motor Room**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices			RCD	Maximum Zs $\Omega$ permitted by BS7671	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A			Short-circuit Capacity kA
1 L1	Lights - Lift Shaft	B	B	3	2.5	2.5	0.4	60898	C	16	10	N/A	1.15
1 L2	Spare												
1 L3	Spare												
2 L1	Tubular Heater + Spur in Lift Motor Room	B	B	2	4	4	0.4	60898	C	20	10	N/A	0.92
2 L2	Spare												
2 L3	Spare												
3 L1	Lights - Lift Shaft	B	B		2.5	2.5	0.4	60898	C	16	10	N/A	1.15
3 L2	Spare												
3 L3	Spare												
4 L1	Spare												
4 L2	Spare												
4 L3	Spare												
5 L1	Lights - Lift Motor Room	B	B	2	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
5 L2	Spare												
5 L3	Spare												
6 L1	Lights - Lift Car	A	B	1	1.0	1.0	0.4	60898	C	10	10	N/A	1.84
6 L2	Spare												
6 L3	Spare												
7 TP	Spare												
8 TP	Spare												

Type of Wiring O-Other: **N/A**

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: **MCCB Panel 2 - 10 L2** No of phases: **1**

Overcurrent protective device for the distribution circuit: BS(EN): **60947-2 - Type N/A** Rating: **63 A** Nominal Voltage: **230 V**

RCD BS(EN): **N/A** No of poles: **N/A** Rating: **N/A mA**

Confirmation of supply polarity  Zs:   $\Omega$  Ipf:  kA RCD operating times At In:  ms At 5In:  ms

**TEST RESULTS**

Distribution board designation:

**DB LM1**

Location:

**Lift Motor Room**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line MΩ	Line/Neutral MΩ	Line/Earth MΩ	Neutral/Earth MΩ			At In ms	At 5 In ms	Test button operation ✓
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2									
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2														
1 L3														
2 L1							> 200	> 200	> 200			N/A	N/A	N/A
2 L2														
2 L3														
3 L1							> 200	> 200	> 200			N/A	N/A	N/A
3 L2														
3 L3														
4 L1														
4 L2														
4 L3														
5 L1							> 200	> 200	> 200			N/A	N/A	N/A
5 L2														
5 L3														
6 L1							> 200	> 200	> 200			N/A	N/A	N/A
6 L2														
6 L3														
7 TP														
8 TP														

**DETAILS OF TEST INSTRUMENTS**

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

**TESTED BY**

Name: **Andrew Cockell** Position: **Approved Electrician** Signature: \_\_\_\_\_ Date: **16/09/2014**







### CIRCUIT DETAILS

Distribution board designation:

**DB E1**

Location:

**East Switch Room 0.18**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD	Maximum Zs $\Omega$ permitted by BS7671
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA		
1 L1	Lights - Rooms 1.22/1.23/1.24	E	A	15	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Chamber Lobby, Kitchen & Rms 1.16/1.17/1.18	E	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Spare												
2 L1	Lights - Rooms 1.19A/1.20/1.21/1/21A	E	A	15	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Spare												
2 L3	Lights - WCs & Corridor	E	A	19	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Water Heater - Kitchen	E	A	1	6	6	0.4	60898	C	16	10	N/A	1.15
3 L2	Spare												
3 L3	Spare												
4 L1	Cleaner Sockets - 1.19A/1.20/1.21/1.21A/1.22/1.23/1.24	E	A	7	4	4	0.4	61009	C	32	10	30	0.58
4 L2	Cleaner Sockets - Kitchen, Rooms 1.16/1.18/1.19	E	A	4	4	4	0.4	61009	C	32	10	30	0.58
4 L3	Cleaner Sockets - First Floor Walkway	E	A	3	4	4	0.4	61009	C	32	10	30	0.58
5 L1	Dado Sockets - Rooms 1.21A/1.22/1.23/1.24	E	A	22	4	4	0.4	60898	C	32	10	N/A	0.58
5 L2	Dado Sockets - Rooms 1.16/1.18/1.19	E	A	9	4	4	0.4	60898	C	32	10	N/A	0.58
5 L3	Spare												
6 L1	Dado Sockets - Rooms 1.19A/1.20/1.21	E	A	17	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Water Heater & Socket in Chamber Kitchen	E	A	2	4	4	0.4	60898	C	32	10	N/A	0.58
6 L3	Spare												
7 L1	Sockets - Kitchen & Chamber Foyer	E	A	7	4	4	0.4	60898	C	32	10	N/A	0.58
7 L2	Oven & Hob - Chamber Kitchen	E	A	2	4	4	0.4	60898	C	16	10	N/A	1.15
7 L3	Spare												
8 L1	Dishwasher - Chamber Kitchen	E	A	1	10	10	0.4	60898	C	32	10	N/A	0.58
8 L2	Spare												
8 L3	Spare												

Type of Wiring O-Other:

**N/A**

### BOARD CHARACTERISTICS

**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from:

**MCCB Panel 1 - 12 TP**

No of phases:

**3**

Overcurrent protective device for the distribution circuit:

BS(EN):

**60947-2 - Type N/A**

Rating:

**125 A**

Nominal Voltage:

**400 V**

RCD

BS(EN):

**N/A**

No of poles:

**N/A**

Rating:

**N/A mA**

Confirmation of supply polarity

Zs:

 $\Omega$ 

Ipf:

kA

RCD operating times

At In:

ms

At 5In:

ms

## TEST RESULTS

Distribution board designation:

**DB E1**

Location:

**East Switch Room 0.18**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2							> 200	> 200	> 200			N/A	N/A	N/A
1 L3														
2 L1							> 200	> 200	> 200			N/A	N/A	N/A
2 L2														
2 L3							> 200	> 200	> 200			N/A	N/A	N/A
3 L1							> 200	> 200	> 200			N/A	N/A	N/A
3 L2														
3 L3														
4 L1							> 200	> 200	> 200					
4 L2							> 200	> 200	> 200					
4 L3							> 200	> 200	> 200					
5 L1							> 200	> 200	> 200			N/A	N/A	N/A
5 L2							> 200	> 200	> 200			N/A	N/A	N/A
5 L3														
6 L1							> 200	> 200	> 200			N/A	N/A	N/A
6 L2							> 200	> 200	> 200			N/A	N/A	N/A
6 L3														
7 L1							> 200	> 200	> 200			N/A	N/A	N/A
7 L2							> 200	> 200	> 200			N/A	N/A	N/A
7 L3														
8 L1							> 200	> 200	> 200			N/A	N/A	N/A
8 L2														
8 L3														

## DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

## TESTED BY

 Name: **Andrew Cockell** Position: **Approved Electrician** Signature: \_\_\_\_\_ Date: **16/09/2014**

**CIRCUIT DETAILS**  
 Distribution board designation: **DB EG** Location: **East Switch Room 0.18**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671 $\Omega$
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA		
1 L1	Lights - Rooms 0.21/0.22/0.23	C	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Rooms 0.12/0.13/0.14/0.15/0.16/0.17	C	A	29	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Lights - Chamber Foyer/Disabled WC	C	A	16	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Lights - Rooms 0.18/0.20	C	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Spare												
2 L3	Lights - Rooms 0.6/0.7/0.8	C	A	9	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Underfloor Power East Courtyard	G	C	16	10	10	0.4	60898	C	32	10	N/A	0.58
3 L2	Underfloor Power Roller Racking Floor Sockets	G	C	1	4	4	0.4	61009	C	32	10	30	0.58
3 L3	Lights - Atrium Front Down Lights	C	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L1	Cleaners Sockets - Rooms 0.21/0.22/0.23/0.20	C	A	7	4	4	0.4	61009	C	32	10	30	0.58
4 L2	Cleaners Sockets - Rooms 0.17/0.16	C	A	3	4	4	0.4	61009	C	32	10	30	0.58
4 L3	Cleaners Sockets - Rooms 0.6/0.7/0.8/0.10	C	A	7	4	4	0.4	61009	C	32	10	30	0.58
5 L1	Dado & floor Sockets - Rooms 0.20/0.21/0.22/0.23	E	A	11	4	4	0.4	60898	C	32	10	N/A	0.58
5 L2	Dado Sockets - Room 0.17	E	A	10	4	4	0.4	60898	C	32	10	N/A	0.58
5 L3	Dado Sockets - Rooms 0.6/0.7/0.8	E	A	6	4	4	0.4	60898	C	32	10	N/A	0.58
6 L1	Dado Sockets - Room 0.18	E	A	13	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Water Heater - WCs	C	A	1	4	4	0.4	60898	C	16	10	N/A	1.15
6 L3	Lights - High Level Atrium	C	A	15	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
7 L1	Spare												
7 L2	Shower	C	A	1	16	16	5	60898	C	40	10	N/A	0.46
7 L3	Disabled Shower	C	A	1	16	16	5	60898	C	40	10	N/A	0.46
8 L1	Under Floor Power - East Courtyard	G	A	10	10	10	0.4	60898	C	32	10	N/A	0.58
8 L2	Spare												
8 L3	Lights - Rack Area	C	A	22	2.5	2.5	0.4	60898	C	16	10	N/A	1.15

Type of Wiring O-Other: **N/A**

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: **MCCB Panel 1 - 1TP** No of phases: **3**

Overcurrent protective device for the distribution circuit: BS(EN): **60947-2 - Type N/A** Rating: **125 A** Nominal Voltage: **400 V**

RCD BS(EN): **N/A** No of poles: **N/A** Rating: **N/A mA**

Confirmation of supply polarity  Zs:   $\Omega$  Ipf:  kA RCD operating times At In:  ms At 5In:  ms

## TEST RESULTS

Distribution board designation:

**DB EG**

Location:

**East Switch Room 0.18**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Z <sub>s</sub> Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	r <sub>n</sub> (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2							> 200	> 200	> 200			N/A	N/A	N/A
1 L3							> 200	> 200	> 200			N/A	N/A	N/A
2 L1							> 200	> 200	> 200			N/A	N/A	N/A
2 L2														
2 L3							> 200	> 200	> 200			N/A	N/A	N/A
3 L1							> 200	> 200	> 200			N/A	N/A	N/A
3 L2							> 200	> 200	> 200					
3 L3							> 200	> 200	> 200			N/A	N/A	N/A
4 L1							> 200	> 200	> 200					
4 L2							> 200	> 200	> 200					
4 L3							> 200	> 200	> 200					
5 L1							> 200	> 200	> 200			N/A	N/A	N/A
5 L2							> 200	> 200	> 200			N/A	N/A	N/A
5 L3							> 200	> 200	> 200			N/A	N/A	N/A
6 L1							> 200	> 200	> 200			N/A	N/A	N/A
6 L2							> 200	> 200	> 200			N/A	N/A	N/A
6 L3							> 200	> 200	> 200			N/A	N/A	N/A
7 L1														
7 L2							> 200	> 200	> 200			N/A	N/A	N/A
7 L3							> 200	> 200	> 200			N/A	N/A	N/A
8 L1							> 200	> 200	> 200			N/A	N/A	N/A
8 L2														
8 L3							> 200	> 200	> 200			N/A	N/A	N/A

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:

6111-754/080808/771

Earth electrode resistance:

N/A

Insulation resistance:

N/A

Earth fault loop impedance:

N/A

Continuity:

N/A

RCD:

N/A

### TESTED BY

Name:

Andrew Cockell

Position:

Approved Electrician

Signature:

Date:

16/09/2014

**CIRCUIT DETAILS**  
 Distribution board designation: **DB S1** Location: **Plant Room 0.81**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD	Maximum Zs $\Omega$ permitted by BS7671
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA		
1 L1	Lights - First Floor Corridor + Rooms 1.82/1.84	B	A	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Gents/Kitchen/Stairs	B	A	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Lights - Female WC	B	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Lights - Rooms 1.85/1.86A	B	A	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Lights - Rooms 1.91/1.92/Corridor	B	A	18	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	Lights - Rooms 1.97/1.98/Corridor	B	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Lights - Rooms 1.86/1.87/Corridor	B	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L2	Lights - Rooms 1.93/1.94/Corridor	B	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L3	Lights - Rooms 1.95/1.96/Corridor	B	A	9	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L1	Dado Sockets - Room 1.95	E	A	3	4	4	0.4	60898	C	32	10	N/A	0.58
4 L2	Water Heater - Gents WC	B	A	1	6	6	0.4	60898	C	16	10	N/A	1.15
4 L3	Water Heater - Ladies WC	B	A	1	6	6	0.4	60898	C	16	10	N/A	1.15
5 L1	Cleaners Sockets - Rooms 1.82/1.84/1.85/1.86/1.87	B	A	10	4	4	0.4	61009	C	32	10	30	0.58
5 L2	Cleaners Sockets - Rooms 1.90/1.91/1.92/1.93/1.94/Corridor	B	A	12	4	4	0.4	61009	C	32	10	30	0.58
5 L3	Cleaners Sockets - Rooms 1.95-1.99/Corridor	B	A	9	4	4	0.4	61009	C	32	10	30	0.58
6 L1	Dado Sockets - Rooms 1.85/1.86/1.86A	E	A	21	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Dado Sockets - Rooms 1.90/1.91/1.92	E	A	19	4	4	0.4	60898	C	32	10	N/A	0.58
6 L3	Dado Sockets - Room 1.99	E	A	18	4	4	0.4	60898	C	32	10	N/A	0.58
7 L1	Dado Sockets - Rooms 1.82/1.84	E	A	15	4	4	0.4	60898	C	32	10	N/A	0.58
7 L2	Dado Sockets - Rooms 1.93/1.94	E	A	18	4	4	0.4	60898	C	32	10	N/A	0.58
7 L3	Dado Sockets - Rooms 1.96/1.97/1.98	E	A	18	4	4	0.4	60898	C	32	10	N/A	0.58
8 TP	External Socket Outlet	G	C	1	16	16	0.4	60898	C	63	10	N/A	0.29

Type of Wiring O-Other: **N/A**

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: **MCCB Panel 1 - 3 TP** No of phases: **3**

Overcurrent protective device for the distribution circuit: BS(EN): **60947-2 - Type N/A** Rating: **125 A** Nominal Voltage: **400 V**

RCD BS(EN): **N/A** No of poles: **N/A** Rating: **N/A mA**

Confirmation of supply polarity  Zs:   $\Omega$  Ipf:  kA RCD operating times At In:  ms At 5In:  ms

## TEST RESULTS

Distribution board designation:

**DB S1**

Location:

**Plant Room 0.81**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line MΩ	Line/Neutral MΩ	Line/Earth MΩ	Neutral/Earth MΩ			At In ms	At 5 In ms	Test button operation ✓
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2									
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2							> 200	> 200	> 200			N/A	N/A	N/A
1 L3							> 200	> 200	> 200			N/A	N/A	N/A
2 L1							> 200	> 200	> 200			N/A	N/A	N/A
2 L2							> 200	> 200	> 200			N/A	N/A	N/A
2 L3							> 200	> 200	> 200			N/A	N/A	N/A
3 L1							> 200	> 200	> 200			N/A	N/A	N/A
3 L2							> 200	> 200	> 200			N/A	N/A	N/A
3 L3							> 200	> 200	> 200			N/A	N/A	N/A
4 L1							> 200	> 200	> 200			N/A	N/A	N/A
4 L2							> 200	> 200	> 200			N/A	N/A	N/A
4 L3							> 200	> 200	> 200			N/A	N/A	N/A
5 L1							> 200	> 200	> 200					
5 L2							> 200	> 200	> 200					
5 L3							> 200	> 200	> 200					
6 L1							> 200	> 200	> 200			N/A	N/A	N/A
6 L2							> 200	> 200	> 200			N/A	N/A	N/A
6 L3							> 200	> 200	> 200			N/A	N/A	N/A
7 L1							> 200	> 200	> 200			N/A	N/A	N/A
7 L2							> 200	> 200	> 200			N/A	N/A	N/A
7 L3							> 200	> 200	> 200			N/A	N/A	N/A
8 TP							> 200	> 200	> 200			N/A	N/A	N/A

## DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

## TESTED BY

Name: <b>Andrew Cockell</b>	Position: <b>Approved Electrician</b>	Signature: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>	Date: <b>16/09/2014</b>
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**CIRCUIT DETAILS**  
 Distribution board designation: **DB SG** Location: **Plant Room 0.81**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671 Ω
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA		
1 L1	Lights - Rooms 0.74/0.75/0.76/0.77	D	A	8	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Room 0.87	D	A	8	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Lights - Far End of Corridor	D	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Lights - Rooms 0.79/0.82	D	A	8	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Lights - Room 0.86	D	A	8	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	Lights - Rooms 0.103/0.101/0.104	D	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Lights - Corridor/ Room 0.81	D	A	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L2	Lights - Far End Corridor/Rooms 0.84/0.85	D	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L3	Lights - Kitchen/Rooms 0.100/0.101	D	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L1	Spur for Power Supply Unit	D	A	1	4	4	0.4	60898	C	16	10	N/A	1.15
4 L2	Unkown	D	A		6	6	0.4	60898	C	10	10	N/A	1.84
4 L3	Lights - Rooms 0.92/0.95/0.96/0.97	D	A	23	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
5 L1	Spare												
5 L2	Unknown	D	A		4	4	0.4	60898	C	10	10	N/A	1.84
5 L3	Lights - Rooms 0.88-0.91	D	A	9	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
6 L1	Cleaners Sockets - Corridor/Rooms 0.75/0.76/0.79/0.82	D	A	10	4	4	0.4	61009	C	32	10	30	0.58
6 L2	Cleaners Sockets - Corridor/ Rooms 0.83/0.85/0.86/0.87	D	A	7	4	4	0.4	61009	C	32	10	30	0.58
6 L3	Cleaners Sockets - Corridor/Rooms 0.89/0.91/0.92	D	A	4	4	4	0.4	61009	C	32	10	30	0.58
7 L1	Sockets - Cashiers	D	A		4	4	0.4	60898	C	32	10	N/A	0.58
7 L2	Dado Sockets - Rooms 0.87/0.88	E	A	16	4	4	0.4	60898	C	32	10	N/A	0.58
7 L3	Dado Sockets - Rooms 0.88-0.91	E	A	9	4	4	0.4	60898	C	32	10	N/A	0.58
8 L1	Dado Sockets - Room 0.79	E	A	24	4	4	0.4	60898	C	32	10	N/A	0.58
8 L2	Dado Sockets - Room 0.85/0.86	E	A	22	4	4	0.4	60898	C	32	10	N/A	0.58
8 L3	Dado Sockets - Room 0.92	E	A	18	4	4	0.4	60898	C	32	10	N/A	0.58

Type of Wiring O-Other:

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from:  No of phases:

Overcurrent protective device for the distribution circuit: BS(EN):  Rating:  Nominal Voltage:

RCD BS(EN):  No of poles:  Rating:

Confirmation of supply polarity  Zs:  Ipf:  RCD operating times At In:  At 5In:



## TEST RESULTS

Distribution board designation:

**DB SG**

Location:

**Plant Room 0.81**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2							> 200	> 200	> 200			N/A	N/A	N/A
1 L3							> 200	> 200	> 200			N/A	N/A	N/A
2 L1							> 200	> 200	> 200			N/A	N/A	N/A
2 L2							> 200	> 200	> 200			N/A	N/A	N/A
2 L3							> 200	> 200	> 200			N/A	N/A	N/A
3 L1							> 200	> 200	> 200			N/A	N/A	N/A
3 L2							> 200	> 200	> 200			N/A	N/A	N/A
3 L3							> 200	> 200	> 200			N/A	N/A	N/A
4 L1							> 200	> 200	> 200			N/A	N/A	N/A
4 L2							> 200	> 200	> 200			N/A	N/A	N/A
4 L3							> 200	> 200	> 200			N/A	N/A	N/A
5 L1														
5 L2							> 200	> 200	> 200			N/A	N/A	N/A
5 L3							> 200	> 200	> 200			N/A	N/A	N/A
6 L1							> 200	> 200	> 200					
6 L2							> 200	> 200	> 200					
6 L3							> 200	> 200	> 200					
7 L1							> 200	> 200	> 200			N/A	N/A	N/A
7 L2							> 200	> 200	> 200			N/A	N/A	N/A
7 L3							> 200	> 200	> 200			N/A	N/A	N/A
8 L1							> 200	> 200	> 200			N/A	N/A	N/A
8 L2							> 200	> 200	> 200			N/A	N/A	N/A
8 L3							> 200	> 200	> 200			N/A	N/A	N/A

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

### TESTED BY

Name: <b>Andrew Cockell</b>	Position: <b>Approved Electrician</b>	Signature: _____	Date: <b>16/09/2014</b>
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**CIRCUIT DETAILS**  
 Distribution board designation: **DB N1** Location: **Plan/Photocopier Room**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671 $\Omega$
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA		
1 L1	Lights - Central Atrium/Vending/Corridor	D	A	7	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
1 L2	Lights - Rooms 1.34/1.35/1.37	D	A	12	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
1 L3	Lights - Rooms 1.49-1.52	D	A	18	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
2 L1	Lights - Rooms 1.38/1.39/Corridor	D	A	9	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
2 L2	Lights - Rooms 1.29-1.33	D	A	17	2.5	2.5	0.4	60898	C	16	10	N/A	1.15
2 L3	Lights - Rooms 1.53-1.55/Estates Office/WC	D	A	20	2.5	2.5	0.4	60898	C	16	10	N/A	1.15
3 L1	Dado Sockets - Room 1.38	E	A	7	4	4	0.4	60898	C	32	10	N/A	0.58
3 L2	Dado Sockets - Rooms 1.34/1.35/1.37/1.38	E	A	22	4	4	0.4	60898	C	32	10	N/A	0.58
3 L3	Dado Sockets - Rooms 1.49-1.52	E	A	33	4	4	0.4	60898	C	32	10	N/A	0.58
4 L1	Sockets - First Floor Kitchen/Photocopying	D	A	8	4	4	0.4	60898	C	32	10	N/A	0.58
4 L2	Dado Sockets - Rooms 1.30-1.33	E	A	10	4	4	0.4	60898	B	32	10	N/A	1.15
4 L3	Dado Sockets - Rooms 1.53-1.56	E	A	25	4	4	0.4	60898	B	32	10	N/A	1.15
5 L1	Cleaners Sockets - Rooms 1.38/1.41/1.47/1.48/Corridor	D	A	5	4	4	0.4	61009	C	32	10	30	0.58
5 L2	Water Heater - First Floor WC East	D	A	1	6	6	0.4	60898	C	16	10	N/A	1.15
5 L3	Cleaners Sockets - Rooms 1.50-1.55/Estates Office	D	A	8	4	4	0.4	61009	C	32	10	30	0.58
6 L1	Water Heaters - First Floor Kitchen	D	A	3	6	6	0.4	60898	B	16	10	N/A	2.30
6 L2	Cleaners Sockets - Rooms 1.33/1.34 First Aid	D	A	4	4	4	0.4	61009	C	32	10	30	0.58
6 L3	Water Heater - First Floor Gents WC West	D	A	1	6	6	0.4	60898	C	32	10	N/A	0.58
7 L1	Spare												
7 L2	Sub Main - DB EM (Supply to DB EM)	D	A	1	16	16	5	60898	C	63	10	N/A	0.29
7 L3	Lights - Atrium East/Walkway Lights	D	A	4	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
8 L1	Sockets - Atrium Walkway	D	A	2	4	4	0.4	60898	C	20	10	N/A	0.92
8 L2	Lights - Mezzanine + 2 EME Bulkheads	D	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
8 L3	Lights - Atrium East/ Walkway Lights	D	A	7	2.5	2.5	0.4	60898	C	10	10	N/A	1.84

Type of Wiring O-Other: **N/A**

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: **MCCB Panel 1 - 4 TP** No of phases: **3**

Overcurrent protective device for the distribution circuit: BS(EN): **60947-2 - Type N/A** Rating: **125 A** Nominal Voltage: **400 V**

RCD BS(EN): **N/A** No of poles: **N/A** Rating: **N/A mA**

Confirmation of supply polarity  Zs:   $\Omega$  Ipf:  kA RCD operating times At In:  ms At 5In:  ms

## TEST RESULTS

Distribution board designation:

**DB N1**

Location:

Plan/Photocopier Room

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity  ✓	Maximum measured earth fault loop impedance Zs  Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2							> 200	> 200	> 200			N/A	N/A	N/A
1 L3							> 200	> 200	> 200			N/A	N/A	N/A
2 L1							> 200	> 200	> 200			N/A	N/A	N/A
2 L2							> 200	> 200	> 200			N/A	N/A	N/A
2 L3							> 200	> 200	> 200			N/A	N/A	N/A
3 L1							> 200	> 200	> 200			N/A	N/A	N/A
3 L2							> 200	> 200	> 200			N/A	N/A	N/A
3 L3							> 200	> 200	> 200			N/A	N/A	N/A
4 L1							> 200	> 200	> 200			N/A	N/A	N/A
4 L2							> 200	> 200	> 200			N/A	N/A	N/A
4 L3							> 200	> 200	> 200			N/A	N/A	N/A
5 L1							> 200	> 200	> 200					
5 L2							> 200	> 200	> 200			N/A	N/A	N/A
5 L3							> 200	> 200	> 200					
6 L1							> 200	> 200	> 200			N/A	N/A	N/A
6 L2							> 200	> 200	> 200					
6 L3							> 200	> 200	> 200			N/A	N/A	N/A
7 L1														
7 L2							> 200	> 200	> 200			N/A	N/A	N/A
7 L3							> 200	> 200	> 200			N/A	N/A	N/A
8 L1							> 200	> 200	> 200			N/A	N/A	N/A
8 L2							> 200	> 200	> 200			N/A	N/A	N/A
8 L3							> 200	> 200	> 200			N/A	N/A	N/A

## DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

## TESTED BY

Name:	Andrew Cockell	Position:	Approved Electrician	Signature:		Date:	16/09/2014
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**CIRCUIT DETAILS**  
 Distribution board designation: **DB NG** Location: **Plan/Photocopier Room**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671 Ω
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA		
1 L1	Lights - Rooms 0.28-0.30	E	A	20	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
1 L2	Lights - Rooms 0.31-0.34/Corridor	E	A	26	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
1 L3	Lights - Rooms 0.40-0.44	E	A	21	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
2 L1	Lights - Rooms 0.24-0.27/Stairwell/Kitchen	E	A	16	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
2 L2	Spare												
2 L3	Lights - Rooms 0.45/0.46	E	A	14	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
3 L1	Spare												
3 L2	Dado Sockets - Room 0.32	E	A	5	4	4	0.4	60898	C	32	10	N/A	0.58
3 L3	Dado Sockets - Rooms 0.40-0.42	E	A	22	4	4	0.4	60898	C	32	10	N/A	0.58
4 L1	Dado Sockets - Rooms 0.27/0.28	E	A	10	4	4	0.4	60898	C	32	10	N/A	0.58
4 L2	Cleaners Sockets - Rooms 0.31-0.34	E	A	8	4	4	0.4	61009	C	32	10	30	0.58
4 L3	Dado Sockets - Rooms 0.45/0.46	E	A	18	4	4	0.4	60898	C	32	10	N/A	0.58
5 L1	Cleaners Sockets - Rooms 0.24/0.25/0.27-0.29	E	A	8	4	4	0.4	61009	C	32	10	30	0.58
5 L2	Unknown	E	A		4	4	0.4	60898	C	16	10	N/A	1.15
5 L3	Cleaners Sockets - Rooms 0.40-0.43/0.45-0.49	E	A	15	4	4	0.4	61009	C	32	10	30	0.58
6 L1	Dado Sockets - Rooms 0.29/0.30	E	A	15	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Unknown	E	A		4	4	0.4	60898	C	16	10	N/A	1.15
6 L3	Water Heater - Ladies WC Ground Floor West	E	A	1	4	4	0.4	60898	C	16	10	N/A	1.15
7 L1	Lights - East Atrium Down Lights	E	A	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
7 L2	Unkown	E	A		4	4	0.4	60898	B	16	10	N/A	2.30
7 L3	Lights - West Stairs/Rooms 0.47/0.48	E	A	10	2.5	2.5	0.4	60898	B	10	10	N/A	3.68
8 L1	Lights - East Atrium/Ground Floor Uplights	E	A	4	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
8 L2	Unknown	E	A		4	4	0.4	60898	C	16	10	N/A	1.15
8 L3	Spare												

Type of Wiring O-Other:

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from:  No of phases:

Overcurrent protective device for the distribution circuit: BS(EN):  Rating:  Nominal Voltage:

RCD BS(EN):  No of poles:  Rating:

Confirmation of supply polarity  Zs:  Ipf:  RCD operating times At In:  At 5In:

## TEST RESULTS

Distribution board designation:

**DB NG**

Location:

Plan/Photocopier Room

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2							> 200	> 200	> 200			N/A	N/A	N/A
1 L3							> 200	> 200	> 200			N/A	N/A	N/A
2 L1							> 200	> 200	> 200			N/A	N/A	N/A
2 L2														
2 L3							> 200	> 200	> 200			N/A	N/A	N/A
3 L1														
3 L2							> 200	> 200	> 200			N/A	N/A	N/A
3 L3							> 200	> 200	> 200			N/A	N/A	N/A
4 L1							> 200	> 200	> 200			N/A	N/A	N/A
4 L2							> 200	> 200	> 200					
4 L3							> 200	> 200	> 200			N/A	N/A	N/A
5 L1							> 200	> 200	> 200					
5 L2							> 200	> 200	> 200			N/A	N/A	N/A
5 L3							> 200	> 200	> 200					
6 L1							> 200	> 200	> 200			N/A	N/A	N/A
6 L2							> 200	> 200	> 200			N/A	N/A	N/A
6 L3							> 200	> 200	> 200			N/A	N/A	N/A
7 L1							> 200	> 200	> 200			N/A	N/A	N/A
7 L2							> 200	> 200	> 200			N/A	N/A	N/A
7 L3							> 200	> 200	> 200			N/A	N/A	N/A
8 L1							> 200	> 200	> 200			N/A	N/A	N/A
8 L2							> 200	> 200	> 200			N/A	N/A	N/A
8 L3														

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

### TESTED BY

 Name: **Andrew Cockell** Position: **Approved Electrician** Signature: \_\_\_\_\_ Date: **16/09/2014**

CIRCUIT DETAILS													
Distribution board designation:				DB WG				Location:		Mains Room			
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671 $\Omega$
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA		
1 L1	Lights - Rooms 0.70-0.72/Corridor	D	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Rooms 0.67/0.68	D	A	12	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Lights - Store/0.65/0.66/0.58/Ground Floor Corridor	D	A	21	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Spare												
2 L2	Lights - Switchroom 0.69	D	A	3	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	Lights - Stairs/Store 0.57A/0.57/Kitchen	D	A	9	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Auot Door - Inner Reception	D	A	1	6	6	0.4	60898	C	32	10	N/A	0.58
3 L2	Spare												
3 L3	Spare												
4 L1	Cleaners Sockets - Rooms 0.70-0.73/Corridor	D	A	7	4	4	0.4	61009	C	32	10	30	0.58
4 L2	Cleaners Sockets - Rooms 0.67-0.69	D	A	3	4	4	0.4	61009	C	32	10	30	0.58
4 L3	Cleaners Sockets - Rooms 0.55/0.57/0.57A/0.58/0.65/0.66	D	A	8	4	4	0.4	61009	C	32	10	30	0.58
5 L1	Dado Sockets - Rooms 0.70/0.71	E	A	21	4	4	0.4	60898	C	32	10	N/A	0.58
5 L2	Dado Sockets - 0.67/0.68	E	A	21	4	4	0.4	60898	C	32	10	N/A	0.58
5 L3	Spare												
6 L1	Sockets - Reception Area	D	A	5	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Spare												
6 L3	Water Heater - Kitchen Room 0.57	D	A	1	4	4	0.4	60898	C	16	10	N/A	1.15
7 L1	Auto Door - Outer Reception/Over door Heater	D	A	3	4	4	0.4	61009	C	32	10	30	0.58
7 L2	Door Access PSU - Mains Room	D	A	5	4	4	0.4	60898	C	20	10	N/A	0.92
7 L3	Spare												
8 L1	Spare												
8 L2	Spare												
8 L3	Dado Sockets - Room 0.65	D	A	3	4	4	0.4	60898	C	32	10	N/A	0.58

Type of Wiring O-Other:

BOARD CHARACTERISTICS										
APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION										
Supply to this distribution board is from:	<input type="text" value="MCCB Panel 1 - 11 TP"/>			No of phases:	<input type="text" value="3"/>					
Overcurrent protective device for the distribution circuit:	BS(EN):	<input type="text" value="60947-2 - Type N/A"/>			Rating:	<input type="text" value="125 A"/>		Nominal Voltage:	<input type="text" value="400 V"/>	
RCD	BS(EN):	<input type="text" value="N/A"/>			No of poles:	<input type="text" value="N/A"/>		Rating:	<input type="text" value="N/A mA"/>	
Confirmation of supply polarity	<input type="text"/>	Zs:	<input type="text"/> $\Omega$	Ipf:	<input type="text"/> kA	RCD operating times	At In:	<input type="text"/> ms	At 5In:	<input type="text"/> ms



## TEST RESULTS

Distribution board designation:

**DB WG**

Location:

**Mains Room**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity  ✓	Maximum measured earth fault loop impedance Zs  Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2							> 200	> 200	> 200			N/A	N/A	N/A
1 L3							> 200	> 200	> 200			N/A	N/A	N/A
2 L1														
2 L2							> 200	> 200	> 200			N/A	N/A	N/A
2 L3							> 200	> 200	> 200			N/A	N/A	N/A
3 L1							> 200	> 200	> 200			N/A	N/A	N/A
3 L2														
3 L3														
4 L1							> 200	> 200	> 200					
4 L2							> 200	> 200	> 200					
4 L3							> 200	> 200	> 200					
5 L1							> 200	> 200	> 200			N/A	N/A	N/A
5 L2							> 200	> 200	> 200			N/A	N/A	N/A
5 L3														
6 L1							> 200	> 200	> 200			N/A	N/A	N/A
6 L2														
6 L3							> 200	> 200	> 200			N/A	N/A	N/A
7 L1							> 200	> 200	> 200					
7 L2							> 200	> 200	> 200			N/A	N/A	N/A
7 L3														
8 L1														
8 L2														
8 L3							> 200	> 200	> 200			N/A	N/A	N/A

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

### TESTED BY

Name: <b>Andrew Cockell</b>	Position: <b>Approved Electrician</b>	Signature: _____	Date: <b>16/09/2014</b>
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**CIRCUIT DETAILS**  
 Distribution board designation: **DB W1** Location: **Mains Room**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671 Ω
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA		
1 L1	Spare												
1 L2	Lights - Room 1.77/Hallway	D	A	2	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Lights - Rooms 1.70-1.73	D	A	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Lights - Rooms 1.78-1.80	D	A	19	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Lights - Rooms 1.74-1.76	D	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	Lights - Corridor/1.63	D	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Spare												
3 L2	Spare												
3 L3	Spare												
4 L1	Cleaners Sockets - Rooms 1.78-1.81	D	A	5	4	4	0.4	61009	C	32	10	30	0.58
4 L2	Cleaners Sockets - Rooms 1.74/1.76/1.77/Lobby	D	A	4	4	4	0.4	61009	C	32	10	30	0.58
4 L3	Cleaners Sockets - Rooms 1.70/1.71/1.71A/1.73/1.83	D	A	7	4	4	0.4	61009	C	32	10	30	0.58
5 L1	Dado Sockets - Rooms 1.78-1.80	E	A	22	4	4	0.4	60898	C	32	10	N/A	0.58
5 L2	Dado Sockets - Rooms 1.74-1.76	E	A	17	4	4	0.4	60898	C	32	10	N/A	0.58
5 L3	Dado Sockets - Rooms 1.71/1.73/1.74	E	A	17	4	4	0.4	60898	C	32	10	N/A	0.58
6 L1	Window Fan - Mains Room	O	C	2	1.0	1.0	0.4	60898	B	10	10	N/A	3.68
6 L2	Spare												
6 L3	Spare												
7 TP	Spare												
8 TP	Spare												
9 TP													

Type of Wiring O-Other: **SY Flex**

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: **MCCB Panel 1 - 10 TP** No of phases: **1**

Overcurrent protective device for the distribution circuit: BS(EN): **60947-2 - Type N/A** Rating: **125 A** Nominal Voltage: **230 V**

RCD BS(EN):  No of poles:  Rating: **mA**

Confirmation of supply polarity  Zs: **Ω** Ipf: **kA** RCD operating times  At In: **ms** At 5In: **ms**

## TEST RESULTS

Distribution board designation:

**DB W1**

Location:

**Mains Room**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times			
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation	
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓	
1 L1															
1 L2							> 200	> 200	> 200				N/A	N/A	N/A
1 L3							> 200	> 200	> 200						
2 L1							> 200	> 200	> 200						
2 L2							> 200	> 200	> 200						
2 L3							> 200	> 200	> 200						
3 L1															
3 L2															
3 L3															
4 L1							> 200	> 200	> 200						
4 L2							> 200	> 200	> 200						
4 L3							> 200	> 200	> 200						
5 L1							> 200	> 200	> 200				N/A	N/A	N/A
5 L2							> 200	> 200	> 200						
5 L3							> 200	> 200	> 200						
6 L1							> 200	> 200	> 200						
6 L2															
6 L3															
7 TP															
8 TP															
9 TP															

## DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

## TESTED BY

 Name: **Andrew Cockell** Position: **Approved Electrician** Signature: \_\_\_\_\_ Date: **16/09/2014**

**CIRCUIT DETAILS**  
 Distribution board designation: **DB WA** Location: **Mains Room**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD	Maximum Zs $\Omega$ permitted by BS7671
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA		
1 L1	Lights - Atrium High Level	D	A	15	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Spare												
1 L3	Lights - Atrium Walkway Far Side	D	A	13	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L1	Lights - Atrium High Level Far Side	D	A	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Spare												
2 L3	Lights - Atrium Walkway + EME	D	A	18	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L1	Lights - Atrium Walkway + Meeting Rooms	D	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L2	Spare												
3 L3	Lights - Under Atrium/ Rooms 0.38/0.39	D	A	10	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L1	Spare												
4 L2	Lights - High Level Mezzanine & Cafe	D	A	7	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L3	Lights - Canteen & Office	D	A	14	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
5 L1	Cleaners Socket - Upstairs Atrium & Mezzanine Floor	D	A	8	4	4	0.4	61009	C	32	10	30	0.58
5 L2	Spare												
5 L3	Cleaners Sockets - Atrium/Rooms 0.38/0.39	D	A	9	4	4	0.4	61009	C	32	10	30	0.58
6 L1	Dado Sockets - Rooms 1.46/1.47	D	A	4	4	4	0.4	60898	C	32	10	N/A	0.58
6 L2	Sockets - canteen Vending Machines	D	A	4	4	4	0.4	60898	C	20	10	N/A	0.92
6 L3	Underfloor Power Near Atrium Mains Room	G	C	15	10	10	0.4	60898	C	32	10	N/A	0.58
7 L1	Cleaners Sockets - Atrium First Floor	D	A	3	4	4	0.4	61009	C	32	10	30	0.58
7 L2	Isolators - Canteen Cupboard	D	A	1	4	4	0.4	60898	C	20	10	N/A	0.92
7 L3	Underfloor Power	G	C	11	10	10	0.4	60898	C	32	10	N/A	0.58
8 L1	Window Actuator Panel + 2 Sockets	D	A	3	4	4	0.4	61009	C	32	10	30	0.58
8 L2	Sockets - Canteen Flush in Wall	D	C	5	4	4	0.4	61009	C	20	10	30	0.92
8 L3	Spare												

Type of Wiring O-Other:

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from:  No of phases:

Overcurrent protective device for the distribution circuit: BS(EN):  Rating:  Nominal Voltage:

RCD BS(EN):  No of poles:  Rating:

Confirmation of supply polarity  Zs:   $\Omega$  Ipf:  kA RCD operating times At In:  ms At 5In:  ms

## TEST RESULTS

Distribution board designation:

**DB WA**

Location:

**Mains Room**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line MΩ	Line/Neutral MΩ	Line/Earth MΩ	Neutral/Earth MΩ			At In ms	At 5 In ms	Test button operation ✓
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2									
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2														
1 L3							> 200	> 200	> 200			N/A	N/A	N/A
2 L1							> 200	> 200	> 200			N/A	N/A	N/A
2 L2														
2 L3							> 200	> 200	> 200			N/A	N/A	N/A
3 L1							> 200	> 200	> 200			N/A	N/A	N/A
3 L2														
3 L3							> 200	> 200	> 200			N/A	N/A	N/A
4 L1														
4 L2							> 200	> 200	> 200			N/A	N/A	N/A
4 L3							> 200	> 200	> 200			N/A	N/A	N/A
5 L1							> 200	> 200	> 200					
5 L2														
5 L3							> 200	> 200	> 200					
6 L1							> 200	> 200	> 200			N/A	N/A	N/A
6 L2							> 200	> 200	> 200			N/A	N/A	N/A
6 L3							> 200	> 200	> 200			N/A	N/A	N/A
7 L1							> 200	> 200	> 200					
7 L2							> 200	> 200	> 200			N/A	N/A	N/A
7 L3							> 200	> 200	> 200			N/A	N/A	N/A
8 L1							> 200	> 200	> 200					
8 L2							> 200	> 200	> 200					
8 L3														

## DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

## TESTED BY

Name: <b>Andrew Cockell</b>	Position: <b>Approved Electrician</b>	Signature: _____	Date: <b>16/09/2014</b>
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### TEST RESULTS

Distribution board designation:

**DB WA**

Location:

**Mains Room**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance $Z_s$ Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	r <sub>n</sub> (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
9 L1														
9 L2							> 200	> 200	> 200			N/A	N/A	N/A
9 L3														
10 L1														
10 L2							> 200	> 200	> 200			N/A	N/A	N/A
10 L3							> 200	> 200	> 200			N/A	N/A	N/A
11 L1														
11 L2							> 200	> 200	> 200			N/A	N/A	N/A
11 L3														
12 TP														
13 TP														

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	<input type="text" value="6111-754/080808/771"/>	Earth electrode resistance:	<input type="text" value="N/A"/>
Insulation resistance:	<input type="text" value="N/A"/>	Earth fault loop impedance:	<input type="text" value="N/A"/>
Continuity:	<input type="text" value="N/A"/>	RCD:	<input type="text" value="N/A"/>

### TESTED BY

Name:  Position:  Signature:  Date:

**CIRCUIT DETAILS**  
 Distribution board designation: **DB C** Location: Council Chamber Store Cupboard

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices			RCD	Maximum Zs permitted by BS7671 Ω	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A			Short-circuit Capacity kA
1 L1	Lights - Ground Floor Admin	D	A	11	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L2	Lights - Chamber Centre	D	A	5	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
1 L3	Spare												
2 L1	Lights - Ground Floor Admin Office	D	A	16	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L2	Lights - Chamber Down Lights	D	A	17	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
2 L3	Spare												
3 L1	Lights - Ground Floor Admin/Lab/Racks	D	A	6	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L2	Lights - Store/Chamber Down Lights	D	A	18	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
3 L3	Spare												
4 L1	Lights - Ground Floor Admin Office	D	A	18	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L2	Lights - Meeting Rooms/LobbyMembers Room	D	A	25	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
4 L3	Spare												
5 L1	Lights - Ground Floor Admin Office	D	A	6	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
5 L2	Lights - External Rear of Building	D	A	4	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
5 L3	Spare												
6 L1	Spare												
6 L2	Spare												
6 L3	Smoke Vent Panel	D	A	1	10	10	0.4	60898	C	10	10	N/A	1.84
7 TP	Spare												
8 TP	Spare												
9 L1	Dado Sockets - Enviromental Policy Services	E	A	10	4	4	0.4	61009	C	32	10	30	0.58
9 L2	Sockets - Rooms 1.08/1.09/1.13/Chamber Store	E	A	11	4	4	0.4	61009	C	32	10	30	0.58
9 L3	Spare												
10 L1	Under Floor Power - Ground Floor Admin	E	A	5	10	10	0.4	60898	C	32	10	N/A	0.58

Type of Wiring O-Other: **N/A**

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: **MCCB Panel 1 - 9 TP** No of phases: **1**

Overcurrent protective device for the distribution circuit: BS(EN): **60947-2 - Type N/A** Rating: **125 A** Nominal Voltage: **230 V**

RCD BS(EN):  No of poles:  Rating: **mA**

Confirmation of supply polarity  Zs: **Ω** lpf: **kA** RCD operating times At In: **ms** At 5In: **ms**

### TEST RESULTS

Distribution board designation:

**DB C**

Location:

Council Chamber Store Cupboard

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2							> 200	> 200	> 200			N/A	N/A	N/A
1 L3														
2 L1							> 200	> 200	> 200			N/A	N/A	N/A
2 L2							> 200	> 200	> 200			N/A	N/A	N/A
2 L3														
3 L1							> 200	> 200	> 200			N/A	N/A	N/A
3 L2							> 200	> 200	> 200			N/A	N/A	N/A
3 L3														
4 L1							> 200	> 200	> 200			N/A	N/A	N/A
4 L2							> 200	> 200	> 200			N/A	N/A	N/A
4 L3														
5 L1							> 200	> 200	> 200			N/A	N/A	N/A
5 L2							> 200	> 200	> 200			N/A	N/A	N/A
5 L3														
6 L1														
6 L2														
6 L3							> 200	> 200	> 200			N/A	N/A	N/A
7 TP														
8 TP														
9 L1							> 200	> 200	> 200					
9 L2							> 200	> 200	> 200					
9 L3														
10 L1							> 200	> 200	> 200			N/A	N/A	N/A

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:

6111-754/080808/771

Earth electrode resistance:

N/A

Insulation resistance:

N/A

Earth fault loop impedance:

N/A

Continuity:

N/A

RCD:

N/A

### TESTED BY

Name:

Andrew Cockell

Position:

Approved Electrician

Signature:

Date:

16/09/2014

**CIRCUIT DETAILS**  
 Distribution board designation: **DB C** Location: Council Chamber Store Cupboard

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671
10 L2	Sockets - Council Chamber	E	A	5	4	4	0.4	60898	C	32	10	N/A	0.58
10 L3	Spare												
11 L1	Under Floor Power - Ground Floor Admin	E	A	6	10	10	0.4	60898	C	32	10	N/A	0.58
11 L2	Sockets - Council Chamber	E	A	4	4	4	0.4	60898	C	32	10	N/A	0.58
11 L3	Spare												
12 L1	Under Floor Power - Ground Floor Admin	E	A	6	10	10	0.4	60898	C	32	10	N/A	0.58
12 L2	Sockets - Council Chamber Floor	E	A	5	10	10	0.4	61009	C	32		30	0.58
12 L3	Spare												
13 L1	Air Conditioning on Roof	G	C	1	4	4	0.4	60898	C	20	10	N/A	0.92
13 L2	Dado Sockets - Meeting Room	E	A	4	4	4	0.4	60898	C	32	10	N/A	0.58
13 L3	Air Conditioning on Roof	G	C	1	4	4	0.4	60898	C	32	10	N/A	0.58
14 L1	Spare												
14 L2	Dado Sockets - Members Room	E	A	4	4	4	0.4	60898	C	32	10	N/A	0.58
14 L3	Sockets - Basement	E	A	2	4	4	0.4	60898	C	32	10	N/A	0.58
15 L1	Lights - Basement	E	A	12	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
15 L2	Air Conditioning on Roof	G	C	1	4	4	0.4	60898	C	32	10	N/A	0.58
15 L3	Lights - Admin Office /Scanning Area	E	A	4	2.5	2.5	0.4	60898	C	10	10	N/A	1.84
16 L1	Spare												
16 L2	Sockets - Council Chamber Floor	E	A	5	4	4	0.4	60898	C	32	10	N/A	0.58
16 L3	Spare												
17 TP	Spare												
18 TP	Spare												
19 L1	Dado Sockets - Lab Room 0.9	G	C	3	4	4	0.4	60898	C	20	10	N/A	0.92
19 L2	Spare												

Type of Wiring O-Other: **N/A**

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: **MCCB Panel 1 - 9 TP** No of phases: **1**

Overcurrent protective device for the distribution circuit: BS(EN): **60947-2 - Type N/A** Rating: **125 A** Nominal Voltage: **230 V**

RCD BS(EN):  No of poles:  Rating: **mA**

Confirmation of supply polarity  Zs:  **$\Omega$**  lpf: **kA** RCD operating times  At In: **ms** At 5In: **ms**

## TEST RESULTS

Distribution board designation:

**DB C**

Location:

Council Chamber Store Cupboard

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
10 L2							> 200	> 200	> 200			N/A	N/A	N/A
10 L3														
11 L1							> 200	> 200	> 200			N/A	N/A	N/A
11 L2							> 200	> 200	> 200			N/A	N/A	N/A
11 L3														
12 L1							> 200	> 200	> 200			N/A	N/A	N/A
12 L2							> 200	> 200	> 200					
12 L3														
13 L1							> 200	> 200	> 200			N/A	N/A	N/A
13 L2							> 200	> 200	> 200			N/A	N/A	N/A
13 L3							> 200	> 200	> 200			N/A	N/A	N/A
14 L1														
14 L2							> 200	> 200	> 200			N/A	N/A	N/A
14 L3							> 200	> 200	> 200			N/A	N/A	N/A
15 L1							> 200	> 200	> 200			N/A	N/A	N/A
15 L2							> 200	> 200	> 200			N/A	N/A	N/A
15 L3							> 200	> 200	> 200			N/A	N/A	N/A
16 L1														
16 L2							> 200	> 200	> 200			N/A	N/A	N/A
16 L3														
17 TP														
18 TP														
19 L1							> 200	> 200	> 200			N/A	N/A	N/A
19 L2														

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

### TESTED BY

Name: <b>Andrew Cockell</b>	Position: <b>Approved Electrician</b>	Signature: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>	Date: <b>16/09/2014</b>
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**CIRCUIT DETAILS**

Distribution board designation:

**DB C**

Location:

Council Chamber Store Cupboard

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	BS(EN)		Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs Ω permitted by BS7671	
19 L3	Spare													
20 L1	Spare													
20 L2	Spare													
20 L3	Light - Cupboard	E	A	1	2.5	2.5	0.4	60898	C	10	10	N/A	1.84	
21 TP	Spare													
22 TP	Spare													
23 TP	Spare													
24 TP	Spare													
25 TP														

Type of Wiring O-Other: N/A

**BOARD CHARACTERISTICS**

**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: MCCB Panel 1 - 9 TP No of phases: 1

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 125 A Nominal Voltage: 230 V

RCD BS(EN):  No of poles:  Rating: mA

Confirmation of supply polarity  Zs: Ω Ipf: kA RCD operating times At In: ms At 5In: ms

**TEST RESULTS**

Distribution board designation:

**DB C**

Location:

Council Chamber Store Cupboard

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times			
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation ✓	
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓	
19 L3															
20 L1															
20 L2															
20 L3							> 200	> 200	> 200			N/A	N/A	N/A	
21 TP															
22 TP															
23 TP															
24 TP															
25 TP															

**DETAILS OF TEST INSTRUMENTS**

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

**TESTED BY**

Name: Andrew Cockell Position: Approved Electrician Signature: \_\_\_\_\_ Date: 16/09/2014

**CIRCUIT DETAILS**  
 Distribution board designation: **DB No.1** Location:

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs permitted by BS7671 Ω
1 TP	Lift Supply (Not Found)												
2 TP	HV Panel (Not Found)												
3 TP	Sub Mains - DB No. 2	G	C	1	16	16	5	3871	3	60	4	N/A	N/A
4 TP	Sub Mains - DB AC Comms Room	G	C	1	16	16	5	60898	C	63	10	N/A	0.29
5 TP	16 Amp Socket Outlet Print Room	G	C	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.15
6 L1	Sockets - Print Room	B	B	7	6	2.5	0.4	60898	B	32	10	N/A	1.15
6 L2	32 Amp Socket Outlet Print Room	O		1	2.5	2.5	0.4	60898	B	32	10	N/A	1.15
6 L3	Unknown											N/A	

Type of Wiring O-Other: **N/A**

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: **DB No.2 - 7 L3** No of phases: **1**

Overcurrent protective device for the distribution circuit: BS(EN): **60898 - Type C** Rating: **32 A** Nominal Voltage: **230 V**

RCD BS(EN):  No of poles:  Rating: **mA**

Confirmation of supply polarity  Zs: **Ω** Ip: **kA** RCD operating times At In: **ms** At 5In: **ms**



**TEST RESULTS**

Distribution board designation:

**DB No.1**

Location:

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1 TP							> 200	> 200	> 200					
2 TP							> 200	> 200	> 200					
3 TP							> 200	> 200	> 200			N/A	N/A	N/A
4 TP							> 200	> 200	> 200					
5 TP							> 200	> 200	> 200					
6 L1							> 200	> 200	> 200					
6 L2							> 200	> 200	> 200					
6 L3							> 200	> 200	> 200					

**DETAILS OF TEST INSTRUMENTS**

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	<input type="text" value="6111-754/080808/771"/>	Earth electrode resistance:	<input type="text" value="N/A"/>
Insulation resistance:	<input type="text" value="N/A"/>	Earth fault loop impedance:	<input type="text" value="N/A"/>
Continuity:	<input type="text" value="N/A"/>	RCD:	<input type="text" value="N/A"/>

**TESTED BY**

Name:  Position:  Signature:  Date:

**CIRCUIT DETAILS**  
 Distribution board designation: **DB No.2** Location: \_\_\_\_\_

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671 $\Omega$
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA		
1 L1	Hand Dryer - Ground Floor Gents WC	D	A	1	2.5	2.5	0.4	3871	2	20	6	N/A	1.31
1 L2	Hand Dryer/sockets - Ladies WC/Office/Boiler	D	A	3	2.5	2.5	0.4	3871	2	20	6	N/A	1.31
1 L3	Unknown	D	A					3871	2		6	N/A	
2 L1	Cleaners Sockets - Ground Floor	D	A	3	2.5	2.5	0.4	61009	C	32	10	30	0.58
2 L2	Sockets - I.T Suite Floor & Wall	D	A	9	2.5	2.5	0.4	3871	2	32	6	N/A	0.82
2 L3	Unknown	D	A					3871	2		6	N/A	
3 L1	Spare												
3 L2	Sockets - I.T Suite Floor & Wall	D	A	5	2.5	2.5	0.4	3871	2	32	6	N/A	0.82
3 L3	Spare												
4 TP	Sub Mains - DB NL	D	A	1	25	16	1	3871	2	32	6	N/A	
5 L1	Sub Mains - DB ES	D	A	1				3871	2	32	10	N/A	
5 L2	Lights - Police Ground Floor (Unkown)	D	A					3871	2		6	N/A	
5 L3	Lights - Police First Floor (Unknown)	D	A					3871	2		6	N/A	
6 L1	Contactors	D	A	1	1.5	1.5	0.4	3871	2	5	6	N/A	5.21
6 L2	Security Spurs (Unknown)	D	A					3871	2		6	N/A	
6 L3	Floor Fans (Unknown)	D	A					3871	2		6	N/A	
7 L1	BT Spur (Unknown)	D	A					3871	2		6	N/A	
7 L2	Security Spurs (Unknown)	D	A					3871	2		6	N/A	
7 L3	Sub Mains - I.T Room (Supply to DB No.1)	G	C	1	6	6	0.4	60898	C	32	10	N/A	0.58
8 L1	Sockets - Print Room	D	A	7	2.5	2.5	0.4	60898	C	32	10	N/A	0.58
8 L2	Sockets - Print Office	D	A	19	2.5	2.5	0.4	60898	C	32	10	N/A	0.58
8 L3	Sockets - Post Room	D	A	8	2.5	2.5	0.4	60898	B	32	10	N/A	1.15

Type of Wiring O-Other: **N/A**

**BOARD CHARACTERISTICS**  
**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: **MCCB Panel 1 - 7 TP** No of phases: **3**

Overcurrent protective device for the distribution circuit: BS(EN): **60947-2 - Type N/A** Rating: **125 A** Nominal Voltage: **400 V**

RCD BS(EN): **N/A** No of poles: **N/A** Rating: **N/A mA**

Confirmation of supply polarity  Zs:   $\Omega$  Ipf:  kA RCD operating times At In:  ms At 5In:  ms

## TEST RESULTS

Distribution board designation:

**DB No.2**

Location:

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity  ✓	Maximum measured earth fault loop impedance Z <sub>s</sub>  Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	r <sub>n</sub> (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	✓
1 L1							> 200	> 200	> 200			N/A	N/A	N/A
1 L2							> 200	> 200	> 200			N/A	N/A	N/A
1 L3							> 200	> 200	> 200			N/A	N/A	N/A
2 L1							> 200	> 200	> 200					
2 L2							> 200	> 200	> 200			N/A	N/A	N/A
2 L3							> 200	> 200	> 200			N/A	N/A	N/A
3 L1														
3 L2							> 200	> 200	> 200			N/A	N/A	N/A
3 L3														
4 TP							> 200	> 200	> 200			N/A	N/A	N/A
5 L1							> 200	> 200	> 200			N/A	N/A	N/A
5 L2							> 200	> 200	> 200			N/A	N/A	N/A
5 L3							> 200	> 200	> 200			N/A	N/A	N/A
6 L1							> 200	> 200	> 200			N/A	N/A	N/A
6 L2							> 200	> 200	> 200			N/A	N/A	N/A
6 L3							> 200	> 200	> 200			N/A	N/A	N/A
7 L1							> 200	> 200	> 200			N/A	N/A	N/A
7 L2							> 200	> 200	> 200			N/A	N/A	N/A
7 L3							> 200	> 200	> 200			N/A	N/A	N/A
8 L1							> 200	> 200	> 200			N/A	N/A	N/A
8 L2							> 200	> 200	> 200			N/A	N/A	N/A
8 L3							> 200	> 200	> 200			N/A	N/A	N/A

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

### TESTED BY

Name: <b>Andrew Cockell</b>	Position: <b>Approved Electrician</b>	Signature: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>	Date: <b>16/09/2014</b>
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**CIRCUIT DETAILS**  
 Distribution board designation: **DB NL** Location:

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time s permitted by BS7671	Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>		BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671
1 L1	Spare												
1 L2	Lights - I.T Office/Boiler Room/WC	D	A	18	1.5	1.5	0.4	3871	2	5	6	N/A	5.21
1 L3	Lights - Server Room	D	A	9	1.5	1.5	0.4	3871	2	5	6	N/A	5.21
2 L1	Spare												
2 L2	Lights - I.T Office	D	A	9	1.5	1.5	0.4	3871	2	5	6	N/A	5.21
2 L3	Lights - Server Room	D	A	6	1.5	1.5	0.4	3871	2	5	6	N/A	5.21
3 L1	Spare												
3 L2	Unknown												
3 L3	Spare												
4 L1	Sub Mains - External Lighting												
4 L2	Spare												
4 L3	Lights - Print Room Corridor	D	A	11	1.5	1.5	0.4	60898	C	10	10	N/A	1.84
5 L1	Lights - Print Room	D	A	8	1.5	1.5	0.4	60898	C	10	10	N/A	1.84
5 L2	Lights - Print Room Office	D	A	8	1.5	1.5	0.4	60898	C	10	10	N/A	1.84
5 L3	Lights - Post Room	D	A	9	1.5	1.5	0.4	60898	D	10	10	N/A	0.92
6 L1	Spare												
6 L2	16 Amp Socket - Post Room	D	A	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.30
6 L3	16 Amp Socket - Post Room	D	A	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.30

Type of Wiring O-Other: **N/A**

**BOARD CHARACTERISTICS**

**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from: **Origin** No of phases: **1**

Overcurrent protective device for the distribution circuit: BS(EN):  Rating: **A** Nominal Voltage: **230 V**

RCD BS(EN):  No of poles:  Rating: **mA**

Confirmation of supply polarity  Zs:  **$\Omega$**  Ip: **kA** RCD operating times  At In: **ms** At 5In: **ms**

## TEST RESULTS

Distribution board designation:

**DB NL**

Location:

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance Z <sub>s</sub> Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line MΩ	Line/Neutral MΩ	Line/Earth MΩ	Neutral/Earth MΩ			At In ms	At 5 In ms	Test button operation ✓
	r1 (Line)	r <sub>n</sub> (Neutral)	r2 (cpc)	R1+R2	R2									
1 L1														
1 L2							> 200	> 200	> 200			N/A	N/A	N/A
1 L3							> 200	> 200	> 200					
2 L1														
2 L2							> 200	> 200	> 200			N/A	N/A	N/A
2 L3							> 200	> 200	> 200					
3 L1														
3 L2							> 200	> 200	> 200					
3 L3														
4 L1							> 200	> 200	> 200					
4 L2														
4 L3							> 200	> 200	> 200			N/A	N/A	N/A
5 L1							> 200	> 200	> 200					
5 L2							> 200	> 200	> 200					
5 L3							> 200	> 200	> 200					
6 L1														
6 L2							> 200	> 200	> 200			N/A	N/A	N/A
6 L3							> 200	> 200	> 200					

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

### TESTED BY

Name: <b>Andrew Cockell</b>	Position: <b>Approved Electrician</b>	Signature: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>	Date: <b>16/09/2014</b>
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### CIRCUIT DETAILS

Distribution board designation:

**DB PDUA**

Location:

**Server Room**

Circuit number	Circuit designation	Type of Wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max disconnect time s permitted by BS7671	BS(EN)	Type No	Rating A	Short-circuit Capacity kA	Operating current mA	Maximum Zs $\Omega$ permitted by BS7671
1 L1	Fans - I.T office	A	C	3	1.5	1.0	0.4	60898	B	6	10		6.14
1 L2	Sockets - Back Wall Server Room	A	C	6	2.5	1.5	0.4	60898	C	32	10		0.58
1 L3	Spare												
2 L1	Socket - Telecom Back Wall	A	B	1	2.5	1.5	0.4	60898	B	16	10		2.30
2 L2	Spare												
2 L3	16 Amp Socket Underfloor Server Room	G	C	1	2.5	2.5	0.4	60898	B	16	10		2.30
3 L1	Socket - BT I.T Store	A	B	1	2.5	1.5	0.4	60898	B	16	10		2.30
3 L2	Dado Sockets - I.T Office	A	B	12	2.5	1.5	0.4	3871	2	32	6		0.82
3 L3	Dado Sockets - I.T Office	A	C	13	2.5	1.5	0.4	3871	2	32	6		0.82
4 L1	County DX (Unknown)	A	C					60898	B		10		
4 L2	Sockets -	A	B	7	2.5	1.5	0.4	3871	2	32	10		0.82
4 L3	Spare												

Type of Wiring O-Other:

**N/A**

### BOARD CHARACTERISTICS

**APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION**

Supply to this distribution board is from:

**Origin**

No of phases:

**1**

Overcurrent protective device for the distribution circuit:

BS(EN):

Rating:

Nominal Voltage:

**230 V**

RCD

BS(EN):

No of poles:

Rating:

**mA**

Confirmation of supply polarity

Zs:

 $\Omega$ 

Ipf:

**kA**

RCD operating times

At In:

**ms**

At 5In:

**ms**

### TEST RESULTS

Distribution board designation:

**DB PDU A**

Location:

**Server Room**

Circuit number	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				Polarity ✓	Maximum measured earth fault loop impedance $Z_s$ Ω	RCD Operating times		
	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			At In	At 5 In	Test button operation
	r1 (Line)	r <sub>n</sub> (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	MΩ	MΩ	MΩ			ms	ms	
1 L1							> 200	> 200	> 200					
1 L2							> 200	> 200	> 200					
1 L3														
2 L1							> 200	> 200	> 200					
2 L2														
2 L3							> 200	> 200	> 200					
3 L1							> 200	> 200	> 200					
3 L2							> 200	> 200	> 200					
3 L3							> 200	> 200	> 200					
4 L1							> 200	> 200	> 200					
4 L2							> 200	> 200	> 200					
4 L3														

### DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	6111-754/080808/771	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

### TESTED BY

Name:	Andrew Cockell	Position:	Approved Electrician	Signature:		Date:	16/09/2014
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## **ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS**

### **(to be appended to the Report)**

This Report is an important and valuable document which should be retained for future reference. The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in satisfactory condition for continued service (see Section 6). The Report should identify any damage, deterioration, defects and/or condition which may give rise to danger.

The person ordering the Report should have received the "original" Report and the inspector should have retained a duplicate.

The "original" Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested quarterly. For safety reasons it is important that this instruction is followed.

Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with the other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in section 4 - Extent and Limitations on page 1.

For items classified in the observations as C1 ("Danger present"), the safety of those using the installation is at risk, and it is recommended that a competent person undertakes the necessary remedial work immediately.

For items classified in the observations as C2 ("Potentially dangerous"), the safety of those using the installation may be at risk and it is recommended that a competent person undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation the inspection has revealed an apparent deficiency which could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated as soon as possible. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 7 - Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a competent person. The recommended date by which the next inspection is due is stated on page 3 under section 9 'Next Inspection', and on a label at or near to the consumer unit / distribution board.