

SECTION A: DETAILS OF THE CLIENT

Name	Managed Property Services	Address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
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SECTION B: REASON FOR PRODUCING THIS REPORT

Safety assessment inline with GN3 recommended frequency of the environment

Dates on which the inspection and testing was carried out 17 Oct 2023

SECTION C: DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Occupier	Managed Property Services	Address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Description of premises:	Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Other <input type="checkbox"/>	-	
Estimated age of the installation	20 years	Evidence of additions/alterations	<input type="checkbox"/> If yes, estimated age 0 years
Installation records available? (Regulation 651.1)	<input type="checkbox"/> Date of last inspection	-	

SECTION D: EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the installation covered by this report

100% of the installation, where practicable and accessible - in accordance with item 3.8.2 of Guidance Note 3

Agreed limitations including reasons (see Regulation 653.2). Agreed with: MPS

1	The primary overcurrent device for the installation is unknown.
2	Inspection Schedule Item 4.7: Operation of main switch (functional check) (643.10).

Extent of sampling

100% visual inspection of switchgear and accessories and 20% internal inspection of accessories across the fixed electrical installation as detailed within this report where practical and accessible in accordance with BS: 7671:2018+A2:2022, Reg: 651.1 to 651.5

Operational limitations including the reasons

Inspection & Testing has been carried out as far as reasonably practical as laid out under BS7671, Chapter 65 and IET Guidance Note 3, Chapter 3.

No testing of main panel or DB`s inside the building switch room as it may affect the gym area

Unable to carry out full site shut down, therefore unable to obtain true measurement of external Ze and PFC. Measurements recorded have been obtained with main earthing conductor and protective bonding conductors still connected. Zs @ DB and PFC taken from closest point to the origin of supply and recorded on page 3.

Unable to carry out visual inspections within building fabric, ceiling voids and below floors except at accessible locations.

Unable to carry out visual inspections within areas deemed out of reach, above 3.5m.

Number of points recorded may differ to actual where furniture, fixtures and fittings are obstructing access to all points.

Measurements obtained from the farthest accessible point on a circuit if the end of line could not be accessed. High level lighting and circuits measurements obtained from point of isolation, control, switch or contactor where possible.

No testing of circuits found to be off at time of test.

No testing of untraced circuits, these have been recorded on the accompanying observation report.

No testing of IT server and Comms circuits at client's request as isolations not permitted. Visual inspections only, as far as practicable.

No testing of Safety, Security, Communications circuits as isolations not permitted. Visual inspections only, as far as practicable.

No insulation resistance testing between line & neutral conductors for all circuits where it is deemed impractical to disconnect the load.

Information - Max permitted Zs of protective devices as per BS 7671 chapter 41 where listed within this report are corrected to the 80% value as detailed within BS 7671 appendix 3 due to performing live tests on circuit conductors and equipment that are at ambient temperature, where loads have been disconnected for the purposes of the inspection.

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671: 2018 (IET Wiring Regulations) as amended to 2022.

It should be noted that cables concealed within trunking and conduits, under floor, 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. An inspection should be made within an accessible roof space housing other electrical equipment.

SECTION E: SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the electrical installation (in terms of electrical safety)

Testing of the site was carried out as far and was reasonably practical as laid out under chapter 65 and regulation 651.1 (BS: 7671:2018+A2:2022 / IET Guidance Note 3). The installation is approximately 5 years old although this is not confirmed. The earthing arrangement is a TN-S system, main earthing complies with BS7671, main equipotential bonding also complies. The distribution boards throughout the installation are suitable, accessible and in reasonable condition, small repairs required to ensure compliance with BS7671. The wiring systems consists of sub mains circuits wired in PVC/SWA cables. Wiring systems used for final circuits are a combination of LSF, FP200, Single Core PVC cables in trunking and PVC/SWA cables. Some areas have cables concealed within the fabric of the building. Warning notices and identification (including circuit charts) require updating to ensure compliance with BS7671. All departures from the regulations have been reported in observation and recommendations. No alterations have been made to the installation that could have a detrimental effect on the integrity of the installation.

Overall assessment of the installation in terms of its suitability for continued use **UNSATISFACTORY**

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

SECTION F: RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY, I/we recommend that any observations classified as "Danger present" (code C1) or "Potentially dangerous" (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as "Further investigation required" (code FI). Observations classified as "Improvement recommended" (code C3) should be given due consideration.


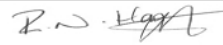
Subject to the necessary remedial action being taken, I/we recommend that the installation be further inspected and tested by **17 Oct 2028**

Reason for the choice of time interval to the next inspection of the installation.

Recommended maximum frequency between inspection and testing for type of installation in accordance with section 3.7 and table 3.2 detailed within IET Guidance Note 3

SECTION G: 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 above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations of inspection and testing in section D of this report.

Inspection and tested by:			Report authorised for issue by:		
Name	Bogdan Rujoiu		Name	Richard Hayter	
Position	Approved Electrician	Date 17 Oct 2023	Position	Qualified Supervisor	Date 09 Nov 2023
Signature			Signature		

Details of the contractor			
Trading title	HMC Compliance Ltd	Enrolment	031740
Address	Unit 4 Crowhurst Hop Farm Bullen Lane East Peckham Kent TN12 5LP	Telephone	01622 870088

SECTION H: SCHEDULE

The following items are part of this document and this report is valid only when they are attached to it:

- 1 observations.
- 128 items in the schedule of inspection.
- 15 schedule(s) of test results for boards with a total of 357 circuits.

SECTION I: SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing arrangements		Number and Type of Live Conductors		Nature of Supply Parameters			Supply Protective Device		
TN-S	<input checked="" type="checkbox"/>	AC	<input checked="" type="checkbox"/>	DC	<input type="checkbox"/>	Nominal voltage U/U ₀	400 / 230.0 V	BS (EN)	LIM
TN-C-S	<input type="checkbox"/>	1-phase, 2-wire	<input type="checkbox"/>	2-wire	<input type="checkbox"/>	Nominal frequency f *	50.0 Hz	Type	-
TN-C	<input type="checkbox"/>	1-phase, 3-wire	<input checked="" type="checkbox"/>	3-wire	<input type="checkbox"/>	Prospective fault current I _{pf} **	5.4 kA	Rated current	- A
TT	<input type="checkbox"/>	2-phase, 3-wire	<input type="checkbox"/>	Other	N/A	External loop impedance Z _e **	0.08 Ω	Short-circuit capacity	- kA
IT	<input type="checkbox"/>	3-phase, 3-wire	<input type="checkbox"/>			Maximum demand	- A		
		3-phase, 4-wire	<input type="checkbox"/>			Number of supplies	1	Looped supply	<input type="checkbox"/>
		Confirmation of supply polarity	-						

* By enquiry
** By enquiry or measurement

Other sources of supply
-

SECTION J: PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Means of Earthing		Details of Installation Earth Electrode (where applicable)	
Distributor's facility	<input checked="" type="checkbox"/>	Type	-
Installation earth electrode	<input type="checkbox"/>	Location	-
		Resistance to earth	- Ω

Main Protective Conductors									
Earth Conductor	Material	Copper	csa	95	mm ²	Continuity verified	PASS	Connection verified	PASS
Main protective bonding conductors (to extraneous-conductive-parts)	Material	Copper	csa	25	mm ²	Continuity verified	PASS	Connection verified	PASS
To water installation pipes	PASS	To gas installation pipes	N/A	To oil installation pipes	N/A	To structural steel	N/A		
To lightning protection	N/A	To other	N/A	Specify	-				

PASS: the item has passed. FAIL: the item has failed. LIM: there are limitations that apply to the item. N-C: the item is not continuous. N/A: the item is not available.

Main Switch / Switch-Fuse / Circuit Breaker / RCD									
Location	Gym Switchroom				If RCD main switch				
BS(EN)	60947-3	Poles	4	Current rating	630.0	A	Rated residual operating current (I _{Δn})	-	mA
Supply conductors material	Copper			Fuse/device rating or setting	630	A	Rated time delay	-	ms
Supply conductors csa	300	mm ²	Voltage rating	400.0	V	Measured operating time	-	ms	

SECTION K: OBSERVATIONS

Referring to the attached schedules of inspection and test results, and subject to the limitations specified at the Extent and Limitations of Inspection and Testing section

No remedial action is required The following observations are made (see below):

#		Location	Code
1	All items listed including visual observations and any departures from BS7671 are noted in attached report ARM/28150	General	-

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. C3: Improvement recommended.
 C2: Potentially dangerous - urgent remedial action required. FI: Further investigation required without delay.


INSPECTION SCHEDULE

OUTCOMES	PASS	Acceptable condition	C1 or C2	Unacceptable condition	C3	Improvement recommended	FI	Further investigation	NV	Not verified	LIM	Limitation	N/A	Not applicable
Item	Description and comment (if any)													Outcome
1.0	INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)													-
-	An outcome against an item in this section, other than access to live parts, should not be used to determine the overall outcome.													PASS
1.1	Distributor/supplier intake Note 1: Where inadequacies in the intake equipment are encountered, which may result in a dangerous or potentially dangerous situation, the person ordering the work and/or dutyholder must be informed. It is strongly recommended that the person ordering the work informs the appropriate authority. Note 2: For this section only, where inadequacies are found, an 'X' should be put against the appropriate item and a comment made in Section K.													PASS
1.1.1	Service cable													PASS
1.1.2	Service head													PASS
1.1.3	Earthing arrangement													PASS
1.1.4	Meter tails													PASS
1.1.5	Metering equipment													PASS
1.1.6	Isolator (where present)													PASS
-	Person ordering work/dutyholder notified													-
1.2	Consumer's isolator (where present)													PASS
1.3	Consumer's meter tails													PASS
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)													-
2.1	Presence of adequate arrangements where generator to operate as a switched alternative (551.6)													N/A
2.2	Dedicated earthing arrangement independent of that of the public supply (551.4.3.2.1)													N/A
2.3	Presence of adequate arrangements where generator to operate in parallel with the public supply system (551.7)													N/A
2.4	Correct connection of generator in parallel (551.7.2)													N/A
2.5	Compatibility of characteristics of means of generation (551.7.3)													N/A
2.6	Means to provide automatic disconnection of generator in the event of loss of public supply system or voltage or frequency deviation beyond declared values (551.7.4)													N/A
2.7	Means to prevent connection of generator in the event of loss of public supply system or voltage or frequency deviation beyond declared values (551.7.5)													N/A
2.8	Means to isolate generator from the public supply system (551.7.6)													N/A
3.0	EARTHING/BONDING ARRANGEMENTS (411.3; Chap 54)													-
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)													PASS
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)													N/A
3.3	Provision of earthing/bonding labels at all appropriate locations (514.13.1)													PASS
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)													PASS
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)													PASS
3.6	Confirmation of main protective bonding conductor sizes (544.1)													PASS
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)													PASS
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)													PASS
4.0	CONSUMER UNIT(S)/DISTRIBUTION BOARD(S)													-
4.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)													PASS
4.2	Security of fixing (134.1.1)													PASS

OUTCOMES	PASS	Acceptable condition	C1 or C2	Unacceptable condition	C3	Improvement recommended	FI	Further investigation	NV	Not verified	LIM	Limitation	N/A	Not applicable
Item	Description and comment (if any)													Outcome
4.3														PASS
4.4														PASS
4.5														PASS
4.6														PASS
4.7														LIM
4.8														PASS
4.9														C3
4.10														PASS
4.11														PASS
4.12														PASS
4.13														PASS
4.14														PASS
4.15														PASS
4.16														PASS
4.17														N/A
4.18														C3
4.19														N/A
4.20														N/V
4.21														N/A
4.22														N/A
5.0														-
FINAL CIRCUITS														
5.1														C3
5.2														C2
5.3														PASS
5.4														C2
5.5														PASS
5.6														C2
5.7														PASS
5.8														PASS
5.9														PASS
5.10														PASS
5.11														PASS
5.12														C3
5.13														PASS
5.14														N/V

OUTCOMES	PASS	Acceptable condition	C1 or C2	Unacceptable condition	C3	Improvement recommended	FI	Further investigation	NV	Not verified	LIM	Limitation	N/A	Not applicable
Item	Description and comment (if any)													Outcome
5.15	Cables segregated/separated from communications cabling (528.2)													N/V
5.16	Cables segregated/separated from non-electrical services (528.3)													N/V
5.17	Termination of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526) <ul style="list-style-type: none"> • Connections soundly made and under no undue strain (526.6) • No basic insulation of a conductor visible outside enclosure (526.8) • Connections of live conductors adequately enclosed (526.5) • Adequately connected point of entry to enclosure (glands, bushes etc.) (522.8.5) 													N/V
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))													C2
5.19	Suitability of accessories for external influences (512.2)													PASS
5.20	Adequacy of working space/accessibility to equipment (132.12; 513.1)													PASS
5.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)													PASS
6.0	LOCATION(S) CONTAINING A BATH OR SHOWER													-
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)													N/A
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)													N/A
6.3	Shaver supply units comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)													N/A
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)													N/A
6.5	Low voltage (e.g. 230 V) socket-outlets sited at least 2.5 m from zone 1 (701.512.3)													N/A
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)													N/A
6.7	Suitability of accessories and controlgear etc, for a particular zone (701.512.3)													N/A
6.8	Suitability of current-using equipment for particular position within the location (701.55)													N/A
7.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS													-
7.1	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied.)													N/A
8.0	PROSUMER'S LOW VOLTAGE ELECTRICAL INSTALLATION(S)													-
8.1	Where the installation includes additional requirements and recommendations relating to Chapter 82, additional inspection items should be added to the checklist.													N/A
9.0	DISTRIBUTION CIRCUITS													-
9.1	Identification of conductors (514.3.1)													PASS
9.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)													PASS
9.3	Condition of insulation of live parts (416.1)													PASS
9.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)													PASS
9.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)													PASS
9.6	Cables correctly terminated in enclosures (Section 526)													PASS
9.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)													PASS
9.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)													PASS
9.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)													PASS
9.10	Adequacy of protective devices: type and rated current for fault protection (411.3)													PASS
9.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)													PASS
9.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)													C2
9.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)													PASS
9.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)													PASS

OUTCOMES	PASS	Acceptable condition	C1 or C2	Unacceptable condition	C3	Improvement recommended	FI	Further investigation	NV	Not verified	LIM	Limitation	N/A	Not applicable
Item	Description and comment (if any)													Outcome
9.15	Cables concealed under floors, above ceilings, in walls/partitions less than 50 mm from a surface, and in partitions containing metal parts 1. installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) or 2. incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.204)													N/V
9.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)													N/V
9.17	Band II cables segregated/separated from Band I cables (528.1)													N/V
9.18	Cables segregated/separated from non-electrical services (528.3)													N/V
9.19	Condition of circuit accessories (651.2)													C2
9.20	Suitability of circuit accessories for external influences (512.2)													PASS
9.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)													PASS
9.22	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)													PASS
9.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)													PASS
9.24	General condition of wiring systems (651.2)													PASS
9.25	Temperature rating of cable insulation (522.1.1; Table 52.1)													PASS
10.0	ISOLATION AND SWITCHING													-
10.1	Isolators (Sections 460; 537) 1. Presence and condition of appropriate devices (Section 462; 537.2.7) 2. Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7) 3. Capable of being secured in the OFF position (462.3) 4. Correct operation verified (643.10) 5. Clearly identified by position and/or durable marking (537.2.6) 6. Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)													PASS
10.2	Switching off for mechanical maintenance (Section 464; 537.3.2) 1. Presence and condition of appropriate devices (464.1; 537.3.2) 2. Acceptable location – state if local or remote from equipment in question (537.3.2.4) 3. Capable of being secured in the OFF position (462.3) 4. Correct operation verified (643.10) 5. Clearly identified by position and/or durable marking (537.3.2.4)													PASS
10.3	Emergency switching/stopping (Section 465; 537.3.3) 1. Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4) 2. Readily accessible for operation where danger might occur (537.3.3.6) 3. Correct operation verified (643.10) 4. Clearly identified by position and/or durable marking (537.3.3.6)													PASS
10.4	Functional switching (Section 463; 537.3.1) 1. Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2) 2. Correct operation verified (537.3.1.1; 537.3.1.2)													PASS
11.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)													-
11.1	Condition of equipment in terms of IP rating etc (416.2)													PASS
11.2	Equipment does not constitute a fire hazard (Section 421)													PASS
11.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)													PASS
11.4	Suitability for the environment and external influences (512.2)													PASS
11.5	Security of fixing (134.1.1)													PASS
11.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2)													N/V

OUTCOMES	PASS	Acceptable condition	C1 or C2	Unacceptable condition	C3	Improvement recommended	FI	Further investigation	NV	Not verified	LIM	Limitation	N/A	Not applicable	
Item	Description and comment (if any)													Outcome	
11.7	Recessed luminaires (downlighters) <ol style="list-style-type: none"> 1. Correct type of lamps fitted (559.3.1) 2. Installed to minimise build-up of heat by use of "fire rated" fittings, insulation displacement box or similar (421.1.2) 3. No signs of overheating to surrounding building fabric (559.4.1) 4. No signs of overheating to conductors/terminations (526.1) 													N/V	
-	If any special installations or locations are present, list the particular inspections applied.													PASS	
Inspected by:															
Name	Bogdan Rujoiu				Date	17 Oct 2023			Signature						

SCHEDULE OF CIRCUIT DETAILS

Designation	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN										SPD Details Type(s)			
Rising Busbar	Supply	Origin									T1	<input type="checkbox"/>	T3	<input type="checkbox"/>
Location	Phases	3	Phase sequence confirmed		PASS						T2	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Riser	Overcurrent protective device for distribution circuit													
	BS EN	LIM	Rating	-	A	Nominal voltage	400	V						
	RCD BS EN	-	Poles	-		Rating	-	mA						

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details						Overcurrent protective device					RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1L1	Supply to DB T5 (supply to DB T5)	D	B	1	50	50	5	88	gG	125	80	0.26	-	-	-	-
1L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2L1	Supply to DB T4 (supply to DB T4)	D	B	1	50	50	5	88	gG	125	80	0.26	-	-	-	-
2L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3TP	Supply to DB LL4 (supply to DB LL4)	D	B	1	35	35	5	88	gG	100	80	0.34	-	-	-	-
4L1	Supply to DB T3 (supply to DB T3)	D	B	1	35	35	5	88	gG	100	80	0.34	-	-	-	-
4L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L1	Supply to DB T2 (supply to DB T2)	D	B	1	50	50	5	88	gG	125	80	0.26	-	-	-	-
5L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6TP	Supply to DB LL2 (supply to DB LL2)	F	E	1	35	35	5	88	gG	100	80	0.34	-	-	-	-
7L1	Supply to DB T1 (supply to DB T1)	D	B	1	50	50	5	88	gG	125	80	0.26	-	-	-	-
7L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8TP	Supply to DB T1/M (supply to DB T1/M)	F	E	1	16	16	5	88	gG	63	80	0.62	-	-	-	-
9L1	Supply to DB LLG (supply to DB LLG)	D	B	1	35	35	5	88	gG	100	80	0.34	-	-	-	-
9L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10L1	Supply to DB TG (supply to DB TG)	D	B	1	50	50	5	88	gG	125	80	0.26	-	-	-	-
10L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11L1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12L1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


CIRCUIT DETAILS (continued)																
Circuit number	Circuit description	Conductor details					Overcurrent protective device					RCD				
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
12L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CODES FOR TYPES OF WIRING																
A	B	C	D	E	F	G	H	O								
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)								

SCHEDULE OF TEST RESULTS

Designation Rising Busbar	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board Z_s 0.16 Ω $I_{\Delta n}$ - ms I_{pf} 2.82 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r _l (line)	r _n (neutral)	r _c (cpc)	R ₁ +R ₂	R ₂	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1L1	-	-	-	0.04	-	500	>299	>299	PASS	0.20	-	-	-	-	-
1L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2L1	-	-	-	0.02	-	500	>299	>299	PASS	0.18	-	-	-	-	-
2L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3TP	-	-	-	0.04	-	500	>299	>299	PASS	0.20	-	-	-	-	-
4L1	-	-	-	0.03	-	500	>299	>299	PASS	0.19	-	-	-	-	-
4L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L1	-	-	-	0.03	-	500	>299	>299	PASS	0.19	-	-	-	-	-
5L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6TP	-	-	-	0.02	-	500	>299	>299	PASS	0.18	-	-	-	-	-
7L1	-	-	-	0.03	-	500	>299	>299	PASS	0.19	-	-	-	-	-
7L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8TP	-	-	-	0.02	-	500	>299	>299	PASS	0.18	-	-	-	-	-
9L1	-	-	-	0.02	-	500	>299	>299	PASS	0.18	-	-	-	-	-
9L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10L1	-	-	-	0.01	-	500	>299	>299	PASS	0.17	-	-	-	-	-
10L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB T/B North Area	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN		SPD Details Type(s) T1 <input type="checkbox"/> : T3 <input type="checkbox"/> T2 <input type="checkbox"/> : N/A <input type="checkbox"/>
Location Basement Riser (Merlin Gerin Multi9)	Supply Origin	Phases 1 Phase sequence confirmed -	
	Overcurrent protective device for distribution circuit		
	BS EN LIM	Rating - A	Nominal voltage 230 V
	RCD BS EN -	Poles -	Rating - mA

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details					Overcurrent protective device						RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1	Lighting Store Room	D	B	-	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
2	Spare	-	-	-	-	-	-	3871	2	16	10	1.56	-	-	-	-
3	Access Controller LMR	D	B	1	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
4	Spare	-	-	-	-	-	-	3871	2	32	10	0.78	-	-	-	-
5	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Meter Supply	D	B	-	1.5	TRUN	0.4	3871	2	6	10	4.08	-	-	-	-
7	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Spare	-	-	-	-	-	-	3871	2	10	10	2.5	-	-	-	-
11	Spare	-	-	-	-	-	-	3871	2	10	10	2.5	-	-	-	-
12	Vivreau Sockets	O	E	2	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
13	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CODES FOR TYPES OF WIRING

A Thermoplastic insulated or sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in non-metallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in non-metallic trunking	F Thermoplastic SWA cables	G Thermosetting SWA cables	H Mineral insulated cables	O Other (please state)
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SCHEDULE OF TEST RESULTS

Designation DB T/B North Area	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.21 Ω $I_{\Delta n}$ - ms I_{pf} 0.88 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1	-	-	-	0.13	-	250	LIM	>299	PASS	0.34	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	0.09	-	250	LIM	>299	PASS	0.30	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	0.04	-	250	LIM	>299	PASS	0.25	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	0.17	-	500	>299	>299	PASS	0.38	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB T/B South Area Location Basement Riser (Merlin Gerin Multi9)	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN Supply Origin Phases 1 Phase sequence confirmed - Overcurrent protective device for distribution circuit BS EN - Rating - A Nominal voltage 230 V RCD BS EN - Poles - Rating - mA	SPD Details Type(s) T1 <input type="checkbox"/> T3 <input type="checkbox"/> T2 <input type="checkbox"/> N/A <input type="checkbox"/>
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CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details					Overcurrent protective device					RCD				
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
2	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
3	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
4	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
5	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
6	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Unable To Locate	D	B	-	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
8	Spare	-	-	-	-	-	-	3871	2	32	9	0.78	-	-	-	-
9	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
10	Spare	-	-	-	-	-	-	3871	2	32	9	0.78	-	-	-	-
11	Spare	-	-	-	-	-	-	3871	2	32	9	0.78	-	-	-	-
12	Spare	-	-	-	-	-	-	3871	2	10	9	2.5	-	-	-	-

CODES FOR TYPES OF WIRING

A Thermoplastic insulated or sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in non-metallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in non-metallic trunking	F Thermoplastic SWA cables	G Thermosetting SWA cables	H Mineral insulated cables	O Other (please state)
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SCHEDULE OF TEST RESULTS

Designation DB T/B South Area	Supply polarity confirmed <input checked="" type="checkbox"/> -	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s - Ω $I_{\Delta n}$ - ms I_{pf} - kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB T/B West Area	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN				SPD Details Type(s) T1 <input type="checkbox"/> : T3 <input type="checkbox"/> T2 <input type="checkbox"/> : N/A <input type="checkbox"/>	
Location	Supply	Origin				
Basement Riser (Merlin Gerin Multi9)	Phases	1	Phase sequence confirmed -			
	Overcurrent protective device for distribution circuit					
	BS EN	LIM	Rating	- A	Nominal voltage	230 V
	RCD BS EN	-	Poles	-	Rating	- mA

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details					Overcurrent protective device					RCD				
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1	Ring- Unable To Locate	D	B	-	2.5	2.5	0.4	60898	B	32	9	1.1	-	-	-	-
2	Lighting Store Room	D	B	10	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CODES FOR TYPES OF WIRING


A	B	C	D	E	F	G	H	O
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)

SCHEDULE OF TEST RESULTS

Designation DB T/B West Area	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time	Operational status confirmed <input type="checkbox"/>	Continuity 101967498
	Z_s 0.19 Ω $I_{\Delta n}$ - ms	N/A <input type="checkbox"/>	Insulation resistance 101967498
	I_{pf} 1.12 kA		Earth fault loop impedance 101967498
			RCD 101967498
			Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1	-	0.48	0.48	0.56	-	250	LIM	>299	-	LIM	-	-	-	-	-
2	-	-	-	0.40	-	250	LIM	>299	PASS	0.59	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB LLB	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN		Supply Origin		SPD Details Type(s) T1 <input type="checkbox"/> T3 <input type="checkbox"/>
Location Basement Riser (Dorman Smith)	Phases 3	Phase sequence confirmed PASS			T2 <input type="checkbox"/> N/A <input type="checkbox"/>
Overcurrent protective device for distribution circuit					
BS EN LIM		Rating -	A	Nominal voltage 400	V
RCD BS EN -		Poles -		Rating -	mA

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details						Overcurrent protective device					RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1L1	Lighting Staircase 1 & Lobby	D	B	2	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
1L2	Lighting LG Gas & BT (No Access)	D	B	-	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
1L3	Lighting Basement Switch Room (No Access)	D	B	-	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
2L1	Lighting Boiler Room	D	B	3	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
2L2	Lighting Staircase	D	B	10	1.5	1.5	0.4	3871	2	16	9	1.56	-	-	-	-
2L3	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
3L1	Lighting Staircase	D	B	9	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
3L2	Unable To Locate	D	B	-	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
3L3	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
4L1	Lighting Staircase Half Landing	D	B	9	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
4L2	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
4L3	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
5L1	Ring- Sockets Lobby & Boiler Room	D	B	4	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
5L2	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
5L3	Unable To Locate	D	B	-	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
6L1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L2	Socket BT Room (No Access)	D	B	-	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
6L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CODES FOR TYPES OF WIRING


A	B	C	D	E	F	G	H	O
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)

SCHEDULE OF TEST RESULTS

Designation DB LLB	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.18 Ω $I_{\Delta n}$ - ms I_{pf} 2.4 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1L1	-	-	-	0.37	-	250	LIM	>299	PASS	0.55	-	-	-	-	-
1L2	-	-	-	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
1L3	-	-	-	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
2L1	-	-	-	0.32	-	250	LIM	>299	PASS	0.50	-	-	-	-	-
2L2	-	-	-	1.32	-	250	LIM	>299	PASS	1.50	-	-	-	-	-
2L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3L1	-	-	-	0.96	-	250	LIM	>299	PASS	1.12	-	-	-	-	-
3L2	-	-	-	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
3L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L1	-	-	-	0.80	-	250	LIM	>299	PASS	0.98	-	-	-	-	-
4L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L1	0.45	0.45	0.66	0.31	-	250	LIM	>299	PASS	0.49	-	-	-	-	-
5L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L3	-	-	-	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
6L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L2	-	-	-	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
6L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB LLG	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN										SPD Details Type(s)			
Location Gr Floor Riser (Dorman Smith)	Supply	Rising Busbar - 9L1								T1	<input type="checkbox"/>	T3	<input type="checkbox"/>	
	Phases	3		Phase sequence confirmed						PASS	T2	<input type="checkbox"/>	N/A	<input type="checkbox"/>
	Overcurrent protective device for distribution circuit													
	BS EN	88		Rating	100		A	Nominal voltage	400		V			
	RCD BS EN	-		Poles	-			Rating	-		mA			

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details						Overcurrent protective device					RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1L1	Lighting 1st Floor Female Toilet	D	B	7	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
1L2	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
1L3	Lighting Gr Floor Female Toilet	D	B	5	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
2L1	Lighting 1st Floor Male Toilet	D	B	6	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
2L2	Spare	-	-	-	-	-	0.4	3871	2	16	9	1.56	-	-	-	-
2L3	Lighting Gr Floor Male Toilet	D	B	6	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
3L1	Water Heater Ladies Toilet	D	B	1	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
3L2	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
3L3	Spare	-	-	-	-	-	-	3871	2	32	9	0.78	-	-	-	-
4L1	Unable To Locate	D	B	-	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
4L2	Water Heater 1st Floor Cleaners	D	B	1	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
4L3	Refuse Store Socket	D	B	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
5L1	Ring- Socket Lobby 1st Floor	D	B	1	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
5L2	Spare	-	-	-	-	-	0.4	3871	2	20	9	1.25	-	-	-	-
5L3	Ring- Socket Lobby Gr Floor Lobby	D	B	1	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
6L1	Lighting Main Staircase	D	B	7	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
6L2	Spare	-	-	-	-	-	0.4	3871	2	20	9	1.25	-	-	-	-
6L3	Lighting Refuse Store	D	B	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
7L1	Lighting Main Staircase Half Landing	D	B	6	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
7L2	Spare	-	-	-	-	-	-	3871	2	20	9	1.25	-	-	-	-
7L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8L1	Spur Riser	D	B	3	1.5	1	0.4	60898	C	16	9	1.1	-	-	-	-
8L2	Auto Doors	D	B	1	2.5	2.5	0.4	3871	2	20	9	1.25	-	-	-	-
8L3	Spare	-	-	-	-	-	-	3871	2	10	9	2.5	-	-	-	-
9L1	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
9L2	Spare	-	-	-	-	-	-	3871	2	32	9	0.78	-	-	-	-
9L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10L1	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
10L2	Spare	-	-	-	-	-	-	3871	2	32	9	0.78	-	-	-	-
10L3	Supply to DB Adj SM	D	B	1	10	10	0.4	3871	2	63	9	0.4	-	-	-	-
11L1	Spare	-	-	-	-	-	0.4	60898	C	16	9	1.1	-	-	-	-
11L2	Spare	-	-	-	-	-	0.4	3871	2	16	9	1.56	-	-	-	-
11L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12L1	Disabled Spur HD	O	C	1	2.5	2.5	0.4	60898	C	16	9	1.1	-	-	-	-

CIRCUIT DETAILS (continued)																
Circuit number	Circuit description	Conductor details					Overcurrent protective device						RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
12L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12L3	Intruder Alarm Spur	D	B	1	2.5	2.5	0.4	3871	2	6	9	4.08	-	-	-	-
CODES FOR TYPES OF WIRING																
A	B	C	D	E	F	G	H	O								
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)								


SCHEDULE OF TEST RESULTS

Designation DB LLG	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.18 Ω $I_{\Delta n}$ - ms I_{pf} 2.44 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1L1	-	-	-	0.12	-	250	LIM	>299	PASS	0.30	-	-	-	-	-
1L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1L3	-	-	-	0.26	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
2L1	-	-	-	0.38	-	250	LIM	>299	PASS	0.50	-	-	-	-	-
2L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2L3	-	-	-	0.31	-	250	LIM	>299	PASS	0.49	-	-	-	-	-
3L1	-	-	-	0.11	-	250	LIM	>299	PASS	0.29	-	-	-	-	-
3L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L1	-	-	-	0.12	-	250	LIM	>299	PASS	0.30	-	-	-	-	-
4L2	-	-	-	0.12	-	250	LIM	>299	PASS	0.30	-	-	-	-	-
4L3	-	-	-	0.11	-	500	>299	>299	PASS	0.29	-	-	-	-	-
5L1	0.24	0.24	0.24	0.12	-	500	>299	>299	PASS	0.30	-	-	-	-	-
5L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L3	0.28	0.28	0.28	0.14	-	500	>299	>299	PASS	0.32	-	-	-	-	-
6L1	-	-	-	0.26	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
6L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L3	-	-	-	0.31	-	250	LIM	>299	PASS	0.49	-	-	-	-	-
7L1	-	-	-	0.32	-	250	LIM	>299	PASS	0.50	-	-	-	-	-
7L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8L1	-	-	-	0.12	-	500	>299	>299	PASS	0.30	-	-	-	-	-
8L2	-	-	-	0.14	-	250	LIM	>299	PASS	0.32	-	-	-	-	-
8L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10L3	-	-	-	0.02	-	500	>299	>299	PASS	0.20	-	-	-	-	-
11L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12L1	-	-	-	0.12	-	500	>299	>299	PASS	0.30	-	-	-	-	-
12L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TEST RESULT DETAILS (continued)

Circuit number	R_1 (line)	R_n (neutral)	R_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live MΩ	Live Earth MΩ	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks	
12L3	-	-	-	0.05	-	250	LIM	>299	PASS	0.23	-	-	-	-	-	
Engineer	Bogdan Rujoiu						Signature									
Position	Approved Electrician						Date	17 Oct 2023								

SCHEDULE OF CIRCUIT DETAILS

Designation DB TG	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN										SPD Details Type(s)				
Location Gr Floor Riser (Merlin Gerin)	Supply	Rising Busbar - 10L1									T1	<input type="checkbox"/>	T3	<input type="checkbox"/>	
	Phases	1		Phase sequence confirmed						-		T2	<input type="checkbox"/>	N/A	<input type="checkbox"/>
	Overcurrent protective device for distribution circuit														
	BS EN	88		Rating	125		A	Nominal voltage	230		V				
	RCD BS EN	-		Poles	-			Rating	-		mA				

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details					Overcurrent protective device						RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1	Underfloor Powertrack Far RHS	G	E	1	10	10	5	60898	C	40	9	0.44	-	-	-	-
2	Underfloor Powertrack Far RHS	G	E	1	10	10	5	60898	C	40	9	0.44	-	-	-	-
3	Underfloor Powertrack Far RHS	G	E	1	10	10	5	60898	C	40	9	0.44	-	-	-	-
4	Hand Dryers Male & Female Toilet	O	E	2	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
5	AV Power & Reception Sockets/Comms Cabinet	O	E	9	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
6	Meter Supply	D	B	1	1.5	1.5	0.4	3871	2	6	9	4.08	-	-	-	-
7	Lighting Club Lounge Reception	O	E	23	1.5	1.5	0.4	3871	2	10	9	2.5	-	-	-	-
8	Lighting Corridor	O	E	34	1.5	1.5	0.4	3871	2	10	9	2.5	-	-	-	-
9	Heater Lobby Gr Floor	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
10	DB Comms Room	G	E	1	10	10	0.4	60898	C	40	9	0.44	-	-	-	-
11	A/C Comms Room Near	G	E	1	4	4	0.4	60898	C	32	9	0.54	-	-	-	-
12	A/C Comms Room Near	G	E	1	4	4	0.4	60898	C	32	9	0.54	-	-	-	-
13	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Sockets Cleaners Bar Lounge	G	E	1	2.5	2.5	0.4	61009	C	16	9	1.1	-	AC	30	16
15	Sockets Cleaners Office Side	G	E	3	2.5	2.5	0.4	61009	C	16	9	1.1	-	AC	30	16
16	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Spare	-	-	-	-	-	-	60898	C	40	9	0.44	-	-	-	-
18	Spare	-	-	-	-	-	-	3871	2	40	9	0.62	-	-	-	-
19	Lighting RHS Office Near Comms	O	E	22	1.5	1.5	0.4	3871	2	10	9	2.5	-	-	-	-
20	Lighting Corridor	O	E	4	1.5	1.5	0.4	3871	2	16	9	1.56	-	-	-	-
21	Water Heater	O	E	1	1.5	1.5	0.4	3871	2	16	9	1.56	-	-	-	-
22	Zip Tap	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
23	Ring- AC Spur	O	E	2	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
24	Ring- Socket Kitchen	O	E	4	2.5	2.5	0.4	61009	C	32	9	0.54	-	AC	30	32
25	Sockets Rest Area	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
26	Sockets Tea Point	O	E	2	2.5	2.5	0.4	61009	C	16	9	1.1	61009	AC	30	16
27	Sockets Lounge	O	E	4	2.5	2.5	0.4	61009	C	16	9	1.1	-	AC	30	16
28	Canopy Lights	O	E	4	2.5	2.5	0.4	3871	2	10	9	2.5	-	-	-	-
29	Spare	-	-	-	-	-	-	3871	2	40	9	0.62	-	-	-	-
30	Spare	-	-	-	-	-	-	3871	2	40	9	0.62	-	-	-	-

CODES FOR TYPES OF WIRING


A	B	C	D	E	F	G	H	O
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)

SCHEDULE OF TEST RESULTS

Designation DB TG	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.17 Ω $I_{\Delta n}$ - ms I_{pf} 2.6 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1	-	-	-	0.05	-	500	>299	>299	PASS	0.22	-	-	-	-	-
2	-	-	-	0.04	-	500	>299	>299	PASS	0.21	-	-	-	-	-
3	-	-	-	0.04	-	500	>299	>299	PASS	0.21	-	-	-	-	-
4	-	-	-	0.11	-	500	>299	>299	PASS	0.28	-	-	-	-	-
5	-	-	-	0.13	-	500	>299	>299	PASS	0.30	-	-	-	-	-
6	-	-	-	0.15	-	250	LIM	>299	PASS	0.32	-	-	-	-	-
7	-	-	-	0.38	-	250	LIM	>299	PASS	0.55	-	-	-	-	-
8	-	-	-	0.32	-	250	LIM	>299	PASS	0.49	-	-	-	-	-
9	-	-	-	0.17	-	500	>299	>299	PASS	0.34	-	-	-	-	-
10	-	-	-	LIM	-	-	LIM	LIM	PASS	LIM	-	-	-	-	-
11	-	-	-	0.16	-	250	LIM	>299	PASS	0.33	-	-	-	-	-
12	-	-	-	0.21	-	250	LIM	>299	PASS	0.38	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	0.13	-	500	>299	>299	PASS	0.30	33.2	PASS	-	-	-
15	-	-	-	0.16	-	500	>299	>299	PASS	0.33	34.4	PASS	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	0.27	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
20	-	-	-	0.32	-	250	LIM	>299	PASS	0.49	-	-	-	-	-
21	-	-	-	0.27	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
22	-	-	-	0.13	-	250	LIM	>299	PASS	0.30	-	-	-	-	-
23	0.34	0.34	0.34	0.17	-	250	LIM	>299	PASS	0.30	-	-	-	-	-
24	0.38	0.38	0.38	0.19	-	500	>299	>299	PASS	0.32	30.2	PASS	-	-	-
25	-	-	-	0.17	-	500	>299	>299	PASS	0.30	-	-	-	-	-
26	-	-	-	0.19	-	500	>299	>299	PASS	0.32	34.2	PASS	-	-	-
27	-	-	-	0.22	-	500	>299	>299	PASS	0.39	33.2	PASS	-	-	-
28	-	-	-	0.23	-	250	LIM	>299	PASS	0.40	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB T1	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN		SPD Details Type(s) T1 <input type="checkbox"/> T3 <input type="checkbox"/>	
Location 1st Floor Riser (Merlin Gerin Multi9)	Supply Rising Busbar - 7L1	Phases 1	Phase sequence confirmed -	T2 <input type="checkbox"/> N/A <input type="checkbox"/>
Overcurrent protective device for distribution circuit				
BS EN	88	Rating	125 A	Nominal voltage 230 V
RCD BS EN	-	Poles	-	Rating - mA

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details					Overcurrent protective device						RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1	Underfloor Powertrack RHS	G	E	1	10	10	5	60898	C	40	10	0.44	-	-	-	-
2	Underfloor Powertrack Large LHS Office	G	E	1	10	10	5	60898	C	40	10	0.44	-	-	-	-
3	Underfloor Powertrack Near End	G	E	1	10	10	5	60898	C	40	10	0.44	-	-	-	-
4	Underfloor Powertrack Far End	G	E	1	10	10	5	60898	C	40	10	0.44	-	-	-	-
5	Shower	G	E	1	6	6	0.4	61009	C	32	10	0.54	61009	A	30	32
6	Meter Supply	O	E	1	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
7	Hand Dryers	O	E	1	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
8	Ring- Sockets Kitchen	O	E	4	2.5	2.5	0.4	61009	C	32	10	0.54	-	A	30	32
9	Hair Dryer	O	E	1	2.5	2.5	0.4	61009	C	16	10	1.1	-	A	30	16
10	Spare	-	-	-	-	-	-	61009	C	16	10	1.1	-	-	-	-
11	Spare	-	-	-	-	-	-	3871	2	32	10	0.78	-	-	-	-
12	Audio Socket In Riser	O	C	1	2.5	2.5	0.4	3871	2	20	10	1.25	-	-	-	-
13	Security Spurs	A	B	2	2.5	2.5	0.4	3871	2	20	10	1.25	-	-	-	-
14	Spare	-	-	-	-	-	-	3871	2	20	10	1.25	-	-	-	-
15	Spare	-	-	-	-	-	-	3871	2	32	10	0.78	-	-	-	-
16	Spare	-	-	-	-	-	-	3871	2	50	10	0.5	-	-	-	-
17	Spare	-	-	-	-	-	-	3871	2	50	10	0.5	-	-	-	-
18	Spare	-	-	-	-	-	-	3871	2	63	10	0.4	-	-	-	-
19	Fan Coil Unit Spurs	O	C	-	2.5	2.5	0.4	3871	2	32	10	0.78	-	-	-	-
20	Lighting Office	O	C	8	1.5	1.5	0.4	3871	2	10	10	2.5	-	-	-	-
21	Lighting Office	O	C	34	1.5	1.5	0.4	3871	2	10	10	2.5	-	-	-	-
22	Lighting Office	O	C	33	1.5	1.5	0.4	3871	2	10	10	2.5	-	-	-	-
23	Kitchen Zip Tap	O	C	1	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
24	Water Heater	O	C	1	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
25	A/V Power	O	C	2	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
26	Spare	-	-	-	-	-	-	3871	2	16	10	1.56	-	-	-	-
27	Spare	-	-	-	-	-	-	3871	2	16	10	1.56	-	-	-	-
28	Spare	-	-	-	-	-	-	3871	2	16	10	1.56	-	-	-	-
29	Spare	-	-	-	-	-	-	3871	2	16	10	1.56	-	-	-	-
30	Spare	-	-	-	-	-	-	3871	2	32	10	0.78	-	-	-	-

CODES FOR TYPES OF WIRING


A	B	C	D	E	F	G	H	O
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)

SCHEDULE OF TEST RESULTS

Designation DB T1	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.19 Ω $I_{\Delta n}$ - ms I_{pf} 1.2 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r _l (line)	r _n (neutral)	r _{cpc}	R ₁ +R ₂	R ₂	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1	-	-	-	0.09	-	500	>299	>299	PASS	0.28	-	-	-	-	-
2	-	-	-	0.08	-	500	>299	>299	PASS	0.27	-	-	-	-	-
3	-	-	-	0.07	-	500	>299	>299	PASS	0.26	-	-	-	-	-
4	-	-	-	0.11	-	500	>299	>299	PASS	0.30	-	-	-	-	-
5	-	-	-	0.04	-	500	>299	>299	PASS	0.23	33.2	PASS	-	-	-
6	-	-	-	0.09	-	500	>299	>299	PASS	0.28	-	-	-	-	-
7	-	-	-	0.11	-	500	>299	>299	PASS	0.30	-	-	-	-	-
8	0.38	0.38	0.38	0.19	-	500	>299	>299	PASS	0.38	-	-	-	-	-
9	-	-	-	0.11	-	500	>299	>299	PASS	0.30	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	0.15	-	500	>299	>299	PASS	0.34	-	-	-	-	-
13	-	-	-	0.13	-	500	>299	>299	PASS	0.32	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
20	-	-	-	0.25	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
21	-	-	-	0.36	-	250	LIM	>299	PASS	0.55	-	-	-	-	-
22	-	-	-	0.26	-	250	LIM	>299	PASS	0.45	-	-	-	-	-
23	-	-	-	0.31	-	500	>299	>299	PASS	0.50	-	-	-	-	-
24	-	-	-	0.11	-	500	>299	>299	PASS	0.30	-	-	-	-	-
25	-	-	-	0.13	-	500	>299	>299	PASS	0.32	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB T1/M	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN				SPD Details Type(s)		
Location 1st Floor Riser (Merlin Gerin Multi9)	Supply	Rising Busbar - 8TP		T1	<input type="checkbox"/>	T3	<input type="checkbox"/>
	Phases	3	Phase sequence confirmed	T2	<input type="checkbox"/>	N/A	<input type="checkbox"/>
	Overcurrent protective device for distribution circuit						
	BS EN	88	Rating	63	A	Nominal voltage	400 V
	RCD BS EN	-	Poles	-		Rating	- mA

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details					Overcurrent protective device						RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1TP	A/C Roof 1st Floor	F	E	1	4	4	0.4	60898	C	32	10	0.54	-	-	-	-
2TP	A/C Roof Gr Floor	F	E	1	4	4	0.4	60898	C	32	10	0.54	-	-	-	-
3L1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L1	Fan Coil Unit Spurs	F	E	1	2.5	2.5	0.4	60898	C	20	10	0.87	-	-	-	-
4L2	A/C Supply on Roof	F	E	1	4	4	0.4	60898	C	32	10	0.54	-	-	-	-
4L3	Fan Coil Unit Spurs	F	E	1	2.5	2.5	0.4	60898	C	20	10	0.87	-	-	-	-
5L1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L1	Unable To Locate	F	E	1	2.5	2.5	0.4	60898	B	20	10	1.75	-	-	-	-
6L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


CODES FOR TYPES OF WIRING									
A	B	C	D	E	F	G	H	O	
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)	

SCHEDULE OF TEST RESULTS

Designation DB T1/M	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.18 Ω $I_{\Delta n}$ - ms I_{pf} 2.3 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1TP	-	-	-	0.04	-	500	>299	>299	PASS	0.22	-	-	-	-	-
2TP	-	-	-	0.08	-	500	>299	>299	PASS	0.26	-	-	-	-	-
3L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L1	-	-	-	0.26	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
4L2	-	-	-	0.22	-	250	>299	>299	PASS	0.40	-	-	-	-	-
4L3	-	-	-	0.19	-	250	LIM	>299	PASS	0.37	-	-	-	-	-
5L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L1	-	-	-	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
6L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB T2	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN		SPD Details Type(s) T1 <input type="checkbox"/> T3 <input type="checkbox"/>
Location 2nd Floor Riser (Merlin Gerin Multi9)	Supply Rising Busbar - 5L1	Phases 1 Phase sequence confirmed -	T2 <input type="checkbox"/> N/A <input type="checkbox"/>
Overcurrent protective device for distribution circuit			
BS EN	88	Rating 125 A	Nominal voltage 230 V
RCD BS EN	-	Poles -	Rating - mA

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details						Overcurrent protective device					RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1	Underfloor Powertrack Near End	G	E	1	10	10	0.4	3871	2	40	9	0.62	-	-	-	-
2	Underfloor Powertrack Far End	G	E	1	10	10	0.4	3871	2	40	9	0.62	-	-	-	-
3	Underfloor Powertrack RHS	G	E	1	10	10	0.4	3871	2	40	9	0.62	-	-	-	-
4	Underfloor Powertrack Middle Area	G	E	1	10	10	0.4	3871	2	40	9	0.62	-	-	-	-
5	Socket Riser	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
6	Meter Supply	O	E	1	1.5	1.5	0.4	3871	2	6	9	4.08	-	-	-	-
7	Spare	-	-	-	-	-	0.4	3871	2	16	9	1.56	-	-	-	-
8	Hand Dryers Male & Female WC	O	E	2	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
9	Ring- Fan Coil Unit Spurs	O	E	22	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
10	Sockets Cleaners	G	E	3	2.5	2.5	0.4	61009	C	20	9	0.87	61009	AC	30	20
11	Spare	-	-	-	-	-	-	3871	2	40	9	0.62	-	-	-	-
12	Spare	-	-	-	-	-	-	3871	2	20	9	1.25	-	-	-	-
13	Spare	-	-	-	-	-	-	3871	2	20	9	1.25	-	-	-	-
14	Spare	-	-	-	-	-	-	3871	2	40	9	0.62	-	-	-	-
15	Spare	-	-	-	-	-	-	-	B	32	9	-	-	-	-	-
16	Spare	-	-	-	-	-	-	3871	2	40	9	0.62	-	-	-	-
17	Hand Dryer Disabled WC	O	E	1	2.5	2.5	0.4	61009	C	16	9	1.1	61009	AC	30	16
18	Spare	-	-	-	-	-	0.4	61009	C	16	9	1.1	-	AC	30	16
19	ZipTap Kitchen	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
20	Water Heater Kitchen	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
21	Ring- Sockets Kitchen	O	E	5	2.5	2.5	0.4	61009	C	32	9	0.54	-	AC	30	32
22	Lighting Office This End	O	E	8	1.5	1.5	0.4	60898	C	10	9	1.75	-	-	-	-
23	Lighting Office Middle Area	O	E	34	1.5	1.5	0.4	60898	C	10	9	1.75	-	-	-	-
24	Lighting Office Far End	O	E	33	1.5	1.5	0.4	60898	C	10	9	1.75	-	-	-	-
25	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
26	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
27	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
28	Spare	-	-	-	-	-	-	3871	2	32	9	0.78	-	-	-	-
29	Spare	-	-	-	-	-	-	3871	2	10	9	2.5	-	-	-	-
30	Spare	-	-	-	-	-	-	3871	2	10	9	2.5	-	-	-	-

CODES FOR TYPES OF WIRING


A	B	C	D	E	F	G	H	O
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)

SCHEDULE OF TEST RESULTS

Designation DB T2	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.19 Ω $I_{\Delta n}$ - ms I_{pf} 1.11 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r ₁ (line)	r _n (neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1	-	-	-	0.05	-	500	>299	>299	PASS	0.24	-	-	-	-	-
2	-	-	-	0.07	-	500	>299	>299	PASS	0.26	-	-	-	-	-
3	-	-	-	0.09	-	500	>299	>299	PASS	0.28	-	-	-	-	-
4	-	-	-	0.09	-	500	>299	>299	PASS	0.28	-	-	-	-	-
5	-	-	-	0.04	-	500	>299	>299	PASS	0.23	-	-	-	-	-
6	-	-	-	0.03	-	500	>299	>299	PASS	0.22	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	0.09	-	500	>299	>299	PASS	0.28	-	-	-	-	-
9	0.44	0.44	0.44	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
10	-	-	-	0.13	-	500	>299	>299	PASS	0.32	34.3	PASS	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	0.11	-	500	>299	>299	PASS	0.30	24.4	PASS	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	0.04	-	500	>299	>299	PASS	0.23	-	-	-	-	-
20	-	-	-	0.14	-	500	>299	>299	PASS	0.33	-	-	-	-	-
21	0.60	0.06	0.06	0.03	-	500	>299	>299	PASS	0.22	24.8	PASS	-	-	-
22	-	-	-	0.25	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
23	-	-	-	0.29	-	250	LIM	>299	PASS	0.48	-	-	-	-	-
24	-	-	-	0.21	-	250	LIM	>299	PASS	0.40	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB LL2	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN				SPD Details Type(s)	
Location 2nd Floor Riser(Dorman Smith)	Supply	Rising Busbar - 6TP		T1	T3	
	Phases	3	Phase sequence confirmed	-		
	Overcurrent protective device for distribution circuit					
	BS EN	88	Rating	100	A	Nominal voltage
	RCD BS EN	-	Poles	-		400 V
						Rating
						- mA

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details					Overcurrent protective device						RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1L1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1L2	Lighting 2nd Floor Male WC & Cleaners Cupboard	D	B	6	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
1L3	Lighting 3rd Floor Male WC & Cleaners Cupboard	D	B	6	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
2L1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2L2	Lighting 2nd Floor Female WC, Lobby & Disabled	D	B	9	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
2L3	Lighting 3rd Floor Female WC, Lobby & Disabled	D	B	7	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
3L1	Ring- Unable To Locate	D	B	-	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
3L2	Ring- Unable To Locate	D	B	-	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
3L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L2	Ring- Unable To Locate	D	B	-	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
4L3	Ring- Unable To Locate	D	B	2	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
5L1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L2	Ring- Sockets 2nd Floor Lobby	D	B	2	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
5L3	Ring- Sockets 3rd Floor Lobby	D	B	2	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
6L1	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CODES FOR TYPES OF WIRING


A	B	C	D	E	F	G	H	O
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)

SCHEDULE OF TEST RESULTS

Designation DB LL2	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.18 Ω $I_{\Delta n}$ - ms I_{pf} 2.44 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1L2	-	-	-	0.22	-	250	LIM	>299	PASS	0.40	-	-	-	-	-
1L3	-	-	-	0.15	-	250	LIM	>299	PASS	0.33	-	-	-	-	-
2L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2L2	-	-	-	0.16	-	250	LIM	>299	PASS	0.34	-	-	-	-	-
2L3	-	-	-	0.22	-	250	LIM	>299	PASS	0.40	-	-	-	-	-
3L1	LIM	LIM	LIM	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
3L2	LIM	LIM	LIM	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
3L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L2	LIM	LIM	LIM	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
4L3	LIM	LIM	LIM	LIM	-	250	LIM	>299	-	LIM	-	-	-	-	-
5L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L2	0.28	0.28	0.28	0.14	-	250	LIM	>299	PASS	0.32	-	-	-	-	-
5L3	0.40	0.40	0.40	0.20	-	250	LIM	>299	PASS	0.38	-	-	-	-	-
6L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB T3	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN		SPD Details Type(s) T1 <input type="checkbox"/> T3 <input type="checkbox"/>
Location 3rd Floor Riser (Merlin Gerin Multi9)	Supply Rising Busbar - 4L1	Phases 1 Phase sequence confirmed -	T2 <input type="checkbox"/> N/A <input type="checkbox"/>
Overcurrent protective device for distribution circuit		BS EN 88 Rating 100 A Nominal voltage 230 V	
RCD BS EN -		Poles - Rating - mA	

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details					Overcurrent protective device						RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1	Underfloor Powertrack 3	G	E	1	10	10	5	60898	C	40	10	0.44	-	-	-	-
2	Underfloor Powertrack 2	G	E	1	10	10	5	60898	C	40	10	0.44	-	-	-	-
3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Underfloor Powertrack 4	G	E	1	10	10	0.4	60898	C	40	10	0.44	-	-	-	-
20	Underfloor Powertrack 1	G	E	1	10	10	0.4	60898	C	40	10	0.44	-	-	-	-
21	Sockets Cleaners	G	C	4	2.5	2.5	0.4	61009	C	16	10	1.1	61009	AC	30	16
22	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Water Heater	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
26	A/V Power	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
27	Kitchen Zip Tap	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
28	Hand Dryers	O	E	2	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
29	Staircase Heater	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
30	Hair Dryer	O	E	1	2.5	2.5	0.4	61009	C	16	9	1.1	-	A	30	16
31	Shower	O	E	1	6	6	0.4	61009	C	32	10	0.54	61009	AC	30	32
32	Ring- Sockets Kitchen	O	E	4	2.5	2.5	0.4	61009	C	32	10	0.54	61008(S)	AC	30	32
33	Fan Coil Unit Spur	O	E	11	2.5	2.5	0.4	60898	C	32	10	0.54	-	-	-	-
34	Lighting Office Far Offices RHS	O	E	18	1.5	1.5	0.4	60898	C	10	10	1.75	-	-	-	-
35	Lighting Office & Shower Room	O	E	18	1.5	1.5	0.4	60898	C	10	10	1.75	-	-	-	-

CIRCUIT DETAILS (continued)																
Circuit number	Circuit description	Conductor details					Overcurrent protective device						RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z_s permitted (Ω)	BS (EN)	Type	$I_{\Delta n}$ (mA)	Rating (A)
					Live mm^2	CPC mm^2										
36	Lighting Office & Corridor	O	E	18	1.5	1.5	0.4	60898	C	10	10	1.75	-	-	-	-
CODES FOR TYPES OF WIRING																
A	B	C	D	E	F	G	H	O								
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)								


SCHEDULE OF TEST RESULTS

Designation DB T3	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.19 Ω $I_{\Delta n}$ - ms I_{pf} 1.12 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1	-	-	-	0.02	-	500	>299	>299	PASS	0.21	-	-	-	-	-
2	-	-	-	0.01	-	500	>299	>299	PASS	0.20	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	0.03	-	500	>299	>299	PASS	0.22	-	-	-	-	-
20	-	-	-	0.04	-	500	>299	>299	PASS	0.23	-	-	-	-	-
21	-	-	-	0.42	-	500	>299	>299	PASS	0.60	34.2	PASS	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	0.12	-	500	>299	>299	PASS	0.30	-	-	-	-	-
26	-	-	-	0.16	-	500	>299	>299	PASS	0.34	-	-	-	-	-
27	-	-	-	0.11	-	500	>299	>299	PASS	0.29	-	-	-	-	-
28	-	-	-	0.15	-	500	>299	>299	PASS	0.33	-	-	-	-	-
29	-	-	-	0.17	-	500	>299	>299	PASS	0.30	-	-	-	-	-
30	-	-	-	0.15	-	500	>299	>299	PASS	0.33	44.4	PASS	-	-	-
31	-	-	-	0.05	-	500	>299	>299	PASS	0.23	49.9	PASS	-	-	-
32	0.32	0.32	0.32	0.16	-	500	>299	>299	PASS	0.34	45.3	PASS	-	-	-
33	-	-	-	0.22	-	250	LIM	>299	PASS	0.40	-	-	-	-	-
34	-	-	-	0.37	-	250	LIM	>299	PASS	0.55	-	-	-	-	-
35	-	-	-	0.32	-	250	LIM	>299	PASS	0.50	-	-	-	-	-

TEST RESULT DETAILS (continued)

Circuit number	R_1 (line)	R_n (neutral)	R_2 (cpc)	$R_1 + R_2$	R_2	IR test voltage	Live Live MΩ	Live Earth MΩ	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
36	-	-	-	0.16	-	250	LIM	>299	PASS	0.34	-	-	-	-	-
Engineer	Bogdan Rujoiu						Signature								
Position	Approved Electrician						Date	17 Oct 2023							

SCHEDULE OF CIRCUIT DETAILS

Designation DB T4	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN		Supply Rising Busbar - 2L1		SPD Details Type(s)
Location 4th Floor Riser (Merlin Gerin Multi9)	Phases 1	Phase sequence confirmed -			T1 <input type="checkbox"/> T3 <input type="checkbox"/> T2 <input type="checkbox"/> N/A <input type="checkbox"/>
Overcurrent protective device for distribution circuit					
	BS EN 88	Rating 125	A	Nominal voltage 230	V
	RCD BS EN -	Poles -		Rating -	mA

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details						Overcurrent protective device					RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1	Lighting Office This End	O	E	8	1.5	1.5	0.4	60898	C	10	9	1.75	-	-	-	-
2	Lighting Office & Corridor	O	E	34	1.5	1.5	0.4	60898	C	10	9	1.75	-	-	-	-
3	Lighting Office	O	E	38	1.5	1.5	0.4	60898	C	10	9	1.75	-	-	-	-
4	Hand Dryers Male & Female WC	O	E	2	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
5	Hand Dryers Disabled WC	O	E	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
6	Sockets Cleaners	G	E	6	2.5	2.5	0.4	61009	C	16	9	1.1	61009	AC	16	10
7	Ring- Fan Coil Unit Spur	O	E	19	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
8	Kitchen Zip Tap & Fridge	O	E	2	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
9	Water Heater	O	B	1	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
10	Underfloor Powertrack	G	E	1	10	10	0.4	3871	2	40	9	0.62	-	-	-	-
11	Underfloor Powertrack	G	E	1	10	10	0.4	3871	2	40	9	0.62	-	-	-	-
12	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
13	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
14	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
15	Underfloor Powertrack	G	E	1	10	10	0.4	3871	2	40	9	0.62	-	-	-	-
16	Underfloor Powertrack	G	E	1	10	10	0.4	3871	2	40	9	0.62	-	-	-	-
17	Spare	-	-	-	-	-	-	3871	2	10	9	2.5	-	-	-	-
18	Ring- Sockets Kitchen	O	C	4	2.5	2.5	0.4	61009	C	32	9	0.54	61009	AC	30	32
19	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


CODES FOR TYPES OF WIRING									
A	B	C	D	E	F	G	H	O	
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)	

SCHEDULE OF TEST RESULTS

Designation DB T4	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.18 Ω $I_{\Delta n}$ - ms I_{pf} 2.44 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r ₁ (line)	r _n (neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1	-	-	-	0.26	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
2	-	-	-	0.31	-	250	LIM	>299	PASS	0.49	-	-	-	-	-
3	-	-	-	0.26	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
4	-	-	-	0.12	-	250	LIM	>299	PASS	0.30	-	-	-	-	-
5	-	-	-	0.16	-	250	LIM	>299	PASS	0.34	-	-	-	-	-
6	-	-	-	0.05	-	250	LIM	>299	PASS	0.23	32.2	PASS	-	-	-
7	0.44	0.44	0.44	LIM	-	250	LIM	>299	PASS	LIM	-	-	-	-	-
8	-	-	-	0.14	-	250	LIM	>299	PASS	0.32	-	-	-	-	-
9	-	-	-	0.22	-	250	LIM	>299	PASS	0.40	-	-	-	-	-
10	-	-	-	0.08	-	500	>299	>299	PASS	0.26	-	-	-	-	-
11	-	-	-	0.04	-	500	>299	>299	PASS	0.22	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	0.04	-	500	>299	>299	PASS	0.22	-	-	-	-	-
16	-	-	-	0.06	-	500	>299	>299	PASS	0.24	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	0.24	0.24	0.24	0.12	-	250	LIM	>299	PASS	0.30	28.8	PASS	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN										SPD Details Type(s)	
DB LL4	Supply Rising Busbar - 3TP										T1 <input type="checkbox"/>	T3 <input type="checkbox"/>
Location	Phases 3 Phase sequence confirmed PASS										T2 <input type="checkbox"/>	N/A <input type="checkbox"/>
4th Floor Riser(Dorman Smith)	Overcurrent protective device for distribution circuit											
	BS EN	88	Rating	100	A	Nominal voltage	400	V				
	RCD BS EN	-	Poles	-		Rating	-	mA				

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details						Overcurrent protective device					RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1L1	Lighting 4th Floor Female WC & Disabled Lobby	D	B	7	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
1L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1L3	Lighting 5th Floor Male & Female Toilet & Lobby	D	B	10	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
2L1	Lighting 4th Floor Male Toilet	D	B	5	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
2L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2L3	Lighting 5th Floor Roof Plant AHU	D	B	2	2.5	2.5	0.4	3871	2	16	9	1.56	-	-	-	-
3L1	Water Heater WC 4th Floor	D	B	1	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
3L2	Water Heater WC 5th Floor	D	B	1	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
3L3	Spare	-	-	-	-	-	-	3871	2	16	9	1.56	-	-	-	-
4L1	Spare	-	-	-	-	-	-	3871	2	32	9	0.78	-	-	-	-
4L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L3	Ring- Power Lobby & 5th Floor Disabled WC	D	B	2	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
5L1	Ring- Power Lobby & 4th Floor Disabled WC	D	B	2	2.5	2.5	0.4	3871	2	32	9	0.78	-	-	-	-
5L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L3	Spare	-	-	-	-	-	-	3871	2	32	9	0.78	-	-	-	-
6L1	Smoke Vent Spur	O	E	1	1.5	1.5	0.4	3871	2	16	9	1.56	-	-	-	-
6L2	Smoke Vent Spur	O	E	1	1.5	1.5	0.4	3871	2	16	9	1.56	-	-	-	-
6L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CODES FOR TYPES OF WIRING


A	B	C	D	E	F	G	H	O
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)

SCHEDULE OF TEST RESULTS

Designation DB LL4	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.20 Ω $I_{\Delta n}$ - ms I_{pf} 2.1 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1L1	-	-	-	0.36	-	250	LIM	>299	PASS	0.56	-	-	-	-	-
1L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1L3	-	-	-	0.29	-	250	LIM	>299	PASS	0.49	-	-	-	-	-
2L1	-	-	-	0.24	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
2L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2L3	-	-	-	0.29	-	250	LIM	>299	PASS	0.49	-	-	-	-	-
3L1	-	-	-	0.20	-	250	LIM	>299	PASS	0.40	-	-	-	-	-
3L2	-	-	-	0.23	-	250	LIM	>299	PASS	0.43	-	-	-	-	-
3L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4L3	0.28	0.27	0.28	0.14	-	500	>299	>299	PASS	0.34	-	-	-	-	-
5L1	>299	>299	>299	0.10	-	500	>299	>299	PASS	0.30	-	-	-	-	-
5L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6L1	-	-	-	0.19	-	250	LIM	>299	PASS	0.39	-	-	-	-	-
6L2	-	-	-	0.14	-	250	LIM	>299	PASS	0.34	-	-	-	-	-
6L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

SCHEDULE OF CIRCUIT DETAILS

Designation DB T5	APPLIES WHEN NOT CONNECTED TO INSTALLATION ORIGIN										SPD Details Type(s)				
Location 5th Floor Riser (Merlin Gerin)	Supply	Rising Busbar - 1L1									T1	<input type="checkbox"/>	T3	<input type="checkbox"/>	
	Phases	1		Phase sequence confirmed -								T2	<input type="checkbox"/>	N/A	<input type="checkbox"/>
	Overcurrent protective device for distribution circuit														
	BS EN	88		Rating	125		A	Nominal voltage	230		V				
	RCD BS EN	-		Poles	-			Rating	-		mA				

CIRCUIT DETAILS

Circuit number	Circuit description	Conductor details						Overcurrent protective device					RCD			
		Wiring type	Reference method	Number of points served	Number & size		Maximum permitted disconnection time	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	Max Z _s permitted (Ω)	BS (EN)	Type	I _{Δn} (mA)	Rating (A)
					Live mm ²	CPC mm ²										
1	Kitchen Zip Tap	O	E	1	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
2	Spare	-	-	-	-	-	-	3871	2	16	10	1.56	-	-	-	-
3	Water Heater	O	E	1	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
4	Fan Coil Unit Spur	O	E	11	2.5	2.5	0.4	3871	2	32	10	0.78	-	-	-	-
5	Water Heater	O	E	1	2.5	2.5	0.4	3871	2	16	10	1.56	-	-	-	-
6	Lighting Office & Corridor	O	E	17	1.5	1.5	0.4	60898	C	10	10	1.75	-	-	-	-
7	Lighting Office Far End	O	E	16	1.5	1.5	0.4	60898	C	10	10	1.75	-	-	-	-
8	Lighting Office & Corridor, Kitchen	O	E	18	1.5	1.5	0.4	60898	C	10	10	1.75	-	-	-	-
9	Shower	A	C	1	6	6	0.4	61009	C	32	10	0.54	61009	AC	30	32
10	Underfloor Powertrack RHS	G	E	1	10	10	0.4	60898	C	40	10	0.44	-	-	-	-
11	Underfloor Powertrack LHS	G	E	1	10	10	0.4	60898	C	40	10	0.44	-	-	-	-
12	Spare	-	-	-	-	-	-	3871	2	20	10	1.25	-	-	-	-
13	Hand Dryers	O	E	2	2.5	2.5	0.4	60898	B	16	10	2.18	-	-	-	-
14	Spare	-	-	-	-	-	-	60898	B	20	10	1.75	-	-	-	-
15	Spare	-	-	-	-	-	-	61009	C	32	10	0.54	-	AC	30	32
16	Spare	-	-	-	-	-	-	61009	C	16	10	1.1	-	AC	30	16
17	Sockets Cleaners	G	E	3	2.5	2.5	0.4	61009	C	16	10	1.1	-	AC	30	16
18	Ring- Sockets Kitchen	O	E	4	2.5	2.5	0.4	61009	C	32	10	0.54	61009	AC	30	32
19	Spare	-	-	-	-	-	-	60898	C	16	10	1.1	-	-	-	-
20	Disabled Alarm	O	E	1	2.5	2.5	0.4	60898	C	16	10	1.1	-	-	-	-
21	Meter Supply	D	B	1	1.5	1.5	0.4	60898	C	10	10	1.75	-	-	-	-
22	Spare	-	-	-	-	-	-	3871	2	16	10	1.56	-	-	-	-
23	Spare	-	-	-	-	-	-	60898	C	10	10	1.75	-	-	-	-
24	Spare	-	-	-	-	-	-	3871	2	10	10	2.5	-	-	-	-
25	Spare	-	-	-	-	-	-	60898	C	10	10	1.75	-	-	-	-
26	Spare	-	-	-	-	-	-	60898	B	16	10	2.18	-	-	-	-
27	Spare	-	-	-	-	-	-	3871	2	32	10	0.78	-	-	-	-
28	Spare	-	-	-	-	-	-	60898	C	10	10	1.75	-	-	-	-
29	Spare	-	-	-	-	-	-	60898	C	10	10	1.75	-	-	-	-
30	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CODES FOR TYPES OF WIRING


A	B	C	D	E	F	G	H	O
Thermoplastic insulated or sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermosetting SWA cables	Mineral insulated cables	Other (please state)

SCHEDULE OF TEST RESULTS

Designation DB T5	Supply polarity confirmed <input checked="" type="checkbox"/> YES	SPD Operational status confirmed <input type="checkbox"/> N/A <input type="checkbox"/>	Serial or asset numbers of test instruments used
	Characteristics at board RCD operating time Z_s 0.20 Ω $I_{\Delta n}$ - ms I_{pf} 1.22 kA		Continuity 101967498 Insulation resistance 101967498 Earth fault loop impedance 101967498 RCD 101967498 Earth electrode resistance -

TEST RESULT DETAILS

Circuit number	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	IR test voltage	Live Live M Ω	Live Earth M Ω	Polarity check	Earth fault loop impedance Ω	RCD time At In ms	Test button operation	AFDD test button op	Vulnerable to test	Remarks
1	-	-	-	0.10	-	250	LIM	>299	PASS	0.30	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	0.03	-	250	LIM	>299	PASS	0.23	-	-	-	-	-
4	-	-	-	0.10	-	250	LIM	>299	PASS	0.30	-	-	-	-	-
5	-	-	-	0.12	-	250	LIM	>299	PASS	0.32	-	-	-	-	-
6	-	-	-	0.24	-	250	LIM	>299	PASS	0.44	-	-	-	-	-
7	-	-	-	0.29	-	250	LIM	>299	PASS	0.40	-	-	-	-	-
8	-	-	-	0.25	-	250	LIM	>299	PASS	0.45	-	-	-	-	-
9	-	-	-	0.20	-	250	LIM	>299	PASS	0.40	24.4	PASS	-	-	-
10	-	-	-	0.10	-	500	>299	>299	PASS	0.30	-	-	-	-	-
11	-	-	-	0.03	-	500	>299	>299	PASS	0.23	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	0.10	-	500	>299	>299	PASS	0.30	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	0.13	-	500	>299	>299	PASS	0.33	28.9	PASS	-	-	-
18	0.18	0.18	0.18	0.09	-	500	>299	>299	PASS	0.29	28.8	PASS	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	0.10	-	250	LIM	>299	PASS	0.30	-	-	-	-	-
21	-	-	-	0.03	-	250	LIM	>299	PASS	0.23	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Engineer	Bogdan Rujoiu	Signature	
Position	Approved Electrician	Date	17 Oct 2023

GUIDANCE FOR RECIPIENTS

This Report is an important and valuable document which should be retained for future reference.

- 1 The purpose of this Report is to confirm, so far as reasonably practicable, whether the electrical installation is in a satisfactory condition for continued service (see Section E). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section K).
- 2 The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
- 3 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.
- 4 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 six-monthly. **For safety reasons, it is important that this instruction is followed.**
- 5 Section D (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 to these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.
- 6 Some operational limitations such as an 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 D.
- 7 For items classified in Section K as C1 ("danger present"), **the safety of those using the installation is at risk**, and it is recommended that a skilled person or persons competent in electrical installation work undertake the necessary remedial work immediately.
- 8 For items classified in Section K as C2 ('Potentially dangerous'), **the safety of those using the installation may be at risk** and it is recommended that a skilled person or persons competent in electrical installation work undertake the necessary remedial work as a matter of urgency.
- 9 Where it has been stated in Section K that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section F).
- 10 For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated in Section F of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.

Circuit Chart Board: Rising Busbar

Client	Managed Property Services	Occupier	Managed Property Services	
Board location	Riser	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH	
Supply is from	Origin			
Overcurrent device for this board	BS-EN LIM			
Overcurrent device rating for this board	- A	Associated RCD BS(EN)	-	RCD Rating - mA
No. of phases	3	Nominal voltage	400 V	RCD no. of poles - RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1L1	Supply to DB T5 (supply to DB T5)	D	B	1	50	50	88	gG	125	80	-	-
1L2	Spare	-	-	-	-	-	-	-	-	-	-	-
1L3	Spare	-	-	-	-	-	-	-	-	-	-	-
2L1	Supply to DB T4 (supply to DB T4)	D	B	1	50	50	88	gG	125	80	-	-
2L2	Spare	-	-	-	-	-	-	-	-	-	-	-
2L3	Spare	-	-	-	-	-	-	-	-	-	-	-
3TP	Supply to DB LL4 (supply to DB LL4)	D	B	1	35	35	88	gG	100	80	-	-
4L1	Supply to DB T3 (supply to DB T3)	D	B	1	35	35	88	gG	100	80	-	-
4L2	Spare	-	-	-	-	-	-	-	-	-	-	-
4L3	Spare	-	-	-	-	-	-	-	-	-	-	-
5L1	Supply to DB T2 (supply to DB T2)	D	B	1	50	50	88	gG	125	80	-	-
5L2	Spare	-	-	-	-	-	-	-	-	-	-	-
5L3	Spare	-	-	-	-	-	-	-	-	-	-	-
6TP	Supply to DB LL2 (supply to DB LL2)	F	E	1	35	35	88	gG	100	80	-	-
7L1	Supply to DB T1 (supply to DB T1)	D	B	1	50	50	88	gG	125	80	-	-
7L2	Spare	-	-	-	-	-	-	-	-	-	-	-
7L3	Spare	-	-	-	-	-	-	-	-	-	-	-
8TP	Supply to DB T1/M (supply to DB T1/M)	F	E	1	16	16	88	gG	63	80	-	-
9L1	Supply to DB LLG (supply to DB LLG)	D	B	1	35	35	88	gG	100	80	-	-
9L2	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: Rising Busbar

Client	Managed Property Services	Occupier	Managed Property Services
Board location	Riser	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Origin		
Overcurrent device for this board	BS-EN LIM		
Overcurrent device rating for this board	- A	Associated RCD BS(EN)	- RCD Rating - mA
No. of phases	3	Nominal voltage	400 V
		RCD no. of poles	- RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
9L3	Spare	-	-	-	-	-	-	-	-	-	-	-
10L1	Supply to DB TG (supply to DB TG)	D	B	1	50	50	88	gG	125	80	-	-
10L2	Spare	-	-	-	-	-	-	-	-	-	-	-
10L3	Spare	-	-	-	-	-	-	-	-	-	-	-
11L1	Spare	-	-	-	-	-	-	-	-	-	-	-
11L2	Spare	-	-	-	-	-	-	-	-	-	-	-
11L3	Spare	-	-	-	-	-	-	-	-	-	-	-
12L1	Spare	-	-	-	-	-	-	-	-	-	-	-
12L2	Spare	-	-	-	-	-	-	-	-	-	-	-
12L3	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: DB T/B North Area

Client	Managed Property Services	Occupier	Managed Property Services
Board location	Basement Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Origin		
Overcurrent device for this board	BS-EN LIM		
Overcurrent device rating for this board	- A	Associated RCD BS(EN)	- mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	-
		RCD operating time at In	- ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live	CPC	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
					mm ²	mm ²						
1	Lighting Store Room	D	B	-	2.5	2.5	3871	2	16	10	-	-
2	Spare	-	-	-	-	-	3871	2	16	10	-	-
3	Access Controller LMR	D	B	1	2.5	2.5	3871	2	16	10	-	-
4	Spare	-	-	-	-	-	3871	2	32	10	-	-
5	Spare	-	-	-	-	-	-	-	-	-	-	-
6	Meter Supply	D	B	-	1.5	TRUN	3871	2	6	10	-	-
7	Spare	-	-	-	-	-	-	-	-	-	-	-
8	Spare	-	-	-	-	-	-	-	-	-	-	-
9	Spare	-	-	-	-	-	-	-	-	-	-	-
10	Spare	-	-	-	-	-	3871	2	10	10	-	-
11	Spare	-	-	-	-	-	3871	2	10	10	-	-
12	Vivreau Sockets	O	E	2	2.5	2.5	3871	2	16	10	-	-
13	Spare	-	-	-	-	-	-	-	-	-	-	-
14	Spare	-	-	-	-	-	-	-	-	-	-	-
15	Spare	-	-	-	-	-	-	-	-	-	-	-
16	Spare	-	-	-	-	-	-	-	-	-	-	-
17	Spare	-	-	-	-	-	-	-	-	-	-	-
18	Spare	-	-	-	-	-	-	-	-	-	-	-
19	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: DB T/B South Area

Client	Managed Property Services	Occupier	Managed Property Services	
Board location	Basement Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH	
Supply is from	Origin			
Overcurrent device for this board	BS-EN -			
Overcurrent device rating for this board	- A	Associated RCD BS(EN)	-	RCD Rating - mA
No. of phases	1	Nominal voltage	230 V	RCD no. of poles - RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1	Spare	-	-	-	-	-	3871	2	16	9	-	-
2	Spare	-	-	-	-	-	3871	2	16	9	-	-
3	Spare	-	-	-	-	-	3871	2	16	9	-	-
4	Spare	-	-	-	-	-	3871	2	16	9	-	-
5	Spare	-	-	-	-	-	3871	2	16	9	-	-
6	Spare	-	-	-	-	-	-	-	-	-	-	-
7	Unable To Locate	D	B	-	2.5	2.5	3871	2	16	9	-	-
8	Spare	-	-	-	-	-	3871	2	32	9	-	-
9	Spare	-	-	-	-	-	3871	2	16	9	-	-
10	Spare	-	-	-	-	-	3871	2	32	9	-	-
11	Spare	-	-	-	-	-	3871	2	32	9	-	-
12	Spare	-	-	-	-	-	3871	2	10	9	-	-

Circuit Chart Board: DB T/B West Area

Client	Managed Property Services	Occupier	Managed Property Services
Board location	Basement Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Origin		
Overcurrent device for this board	BS-EN LIM		
Overcurrent device rating for this board	- A	Associated RCD BS(EN)	- RCD Rating - mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	- RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live	CPC	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD $I_{\Delta n}$ (mA)	
					mm ²	mm ²						
1	Ring- Unable To Locate	D	B	-	2.5	2.5	60898	B	32	9	-	-
2	Lighting Store Room	D	B	10	2.5	2.5	3871	2	16	9	-	-
3	Spare	-	-	-	-	-	-	-	-	-	-	-
4	Spare	-	-	-	-	-	-	-	-	-	-	-
5	Spare	-	-	-	-	-	-	-	-	-	-	-
6	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: DB LLB

Client	Managed Property Services	Occupier	Managed Property Services	
Board location	Basement Riser (Dorman Smith)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH	
Supply is from	Origin			
Overcurrent device for this board	BS-EN LIM			
Overcurrent device rating for this board	- A	Associated RCD BS(EN)	-	RCD Rating - mA
No. of phases	3	Nominal voltage	400 V	RCD no. of poles - RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1L1	Lighting Staircase 1 & Lobby	D	B	2	2.5	2.5	3871	2	16	9	-	-
1L2	Lighting LG Gas & BT (No Access)	D	B	-	2.5	2.5	3871	2	16	9	-	-
1L3	Lighting Basement Switch Room (No Access)	D	B	-	2.5	2.5	3871	2	16	9	-	-
2L1	Lighting Boiler Room	D	B	3	2.5	2.5	3871	2	16	9	-	-
2L2	Lighting Staircase	D	B	10	1.5	1.5	3871	2	16	9	-	-
2L3	Spare	-	-	-	-	-	3871	2	16	9	-	-
3L1	Lighting Staircase	D	B	9	2.5	2.5	3871	2	16	9	-	-
3L2	Unable To Locate	D	B	-	2.5	2.5	3871	2	16	9	-	-
3L3	Spare	-	-	-	-	-	3871	2	16	9	-	-
4L1	Lighting Staircase Half Landing	D	B	9	2.5	2.5	3871	2	16	9	-	-
4L2	Spare	-	-	-	-	-	3871	2	16	9	-	-
4L3	Spare	-	-	-	-	-	3871	2	16	9	-	-
5L1	Ring- Sockets Lobby & Boiler Room	D	B	4	2.5	2.5	3871	2	16	9	-	-
5L2	Spare	-	-	-	-	-	3871	2	16	9	-	-
5L3	Unable To Locate	D	B	-	2.5	2.5	3871	2	16	9	-	-
6L1	Spare	-	-	-	-	-	-	-	-	-	-	-
6L2	Socket BT Room (No Access)	D	B	-	2.5	2.5	3871	2	16	9	-	-
6L3	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: DB LLG

Client	Managed Property Services	Occupier	Managed Property Services
Board location	Gr Floor Riser (Dorman Smith)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 9L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	100.0 A	Associated RCD BS(EN)	-
		RCD Rating	- mA
No. of phases	3	Nominal voltage	400 V
		RCD no. of poles	-
		RCD operating time at In	- ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1L1	Lighting 1st Floor Female Toilet	D	B	7	2.5	2.5	3871	2	16	9	-	-
1L2	Spare	-	-	-	-	-	3871	2	16	9	-	-
1L3	Lighting Gr Floor Female Toilet	D	B	5	2.5	2.5	3871	2	16	9	-	-
2L1	Lighting 1st Floor Male Toilet	D	B	6	2.5	2.5	3871	2	16	9	-	-
2L2	Spare	-	-	-	-	-	3871	2	16	9	-	-
2L3	Lighting Gr Floor Male Toilet	D	B	6	2.5	2.5	3871	2	16	9	-	-
3L1	Water Heater Ladies Toilet	D	B	1	2.5	2.5	3871	2	32	9	-	-
3L2	Spare	-	-	-	-	-	3871	2	16	9	-	-
3L3	Spare	-	-	-	-	-	3871	2	32	9	-	-
4L1	Unable To Locate	D	B	-	2.5	2.5	3871	2	32	9	-	-
4L2	Water Heater 1st Floor Cleaners	D	B	1	2.5	2.5	3871	2	32	9	-	-
4L3	Refuse Store Socket	D	B	1	2.5	2.5	3871	2	16	9	-	-
5L1	Ring- Socket Lobby 1st Floor	D	B	1	2.5	2.5	3871	2	32	9	-	-
5L2	Spare	-	-	-	-	-	3871	2	20	9	-	-
5L3	Ring- Socket Lobby Gr Floor Lobby	D	B	1	2.5	2.5	3871	2	32	9	-	-
6L1	Lighting Main Staircase	D	B	7	2.5	2.5	3871	2	16	9	-	-
6L2	Spare	-	-	-	-	-	3871	2	20	9	-	-
6L3	Lighting Refuse Store	D	B	1	2.5	2.5	3871	2	16	9	-	-
7L1	Lighting Main Staircase Half Landing	D	B	6	2.5	2.5	3871	2	16	9	-	-
7L2	Spare	-	-	-	-	-	3871	2	20	9	-	-

Circuit Chart Board: DB LLG

Client	Managed Property Services	Occupier	Managed Property Services	
Board location	Gr Floor Riser (Dorman Smith)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH	
Supply is from	Rising Busbar - 9L1			
Overcurrent device for this board	BS-EN 88			
Overcurrent device rating for this board	100.0 A	Associated RCD BS(EN)	-	RCD Rating - mA
No. of phases	3	Nominal voltage	400 V	RCD no. of poles - RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test	
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)		
7L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-
8L1	Spur Riser	D	B	3	1.5	1	60898	C	16	9	-	-	-
8L2	Auto Doors	D	B	1	2.5	2.5	3871	2	20	9	-	-	-
8L3	Spare	-	-	-	-	-	3871	2	10	9	-	-	-
9L1	Spare	-	-	-	-	-	3871	2	16	9	-	-	-
9L2	Spare	-	-	-	-	-	3871	2	32	9	-	-	-
9L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-
10L1	Spare	-	-	-	-	-	3871	2	16	9	-	-	-
10L2	Spare	-	-	-	-	-	3871	2	32	9	-	-	-
10L3	Supply to DB AdJ SM	D	B	1	10	10	3871	2	63	9	-	-	-
11L1	Spare	-	-	-	-	-	60898	C	16	9	-	-	-
11L2	Spare	-	-	-	-	-	3871	2	16	9	-	-	-
11L3	Spare	-	-	-	-	-	-	-	-	-	-	-	-
12L1	Disabled Spur HD	O	C	1	2.5	2.5	60898	C	16	9	-	-	-
12L2	Spare	-	-	-	-	-	-	-	-	-	-	-	-
12L3	Intruder Alarm Spur	D	B	1	2.5	2.5	3871	2	6	9	-	-	-

Circuit Chart Board: DB TG

Client	Managed Property Services	Occupier	Managed Property Services
Board location	Gr Floor Riser (Merlin Gerin)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 10L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	125.0 A	Associated RCD BS(EN)	- RCD Rating - mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	- RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1	Underfloor Powertrack Far RHS	G	E	1	10	10	60898	C	40	9	-	-
2	Underfloor Powertrack Far RHS	G	E	1	10	10	60898	C	40	9	-	-
3	Underfloor Powertrack Far RHS	G	E	1	10	10	60898	C	40	9	-	-
4	Hand Dryers Male & Female Toilet	O	E	2	2.5	2.5	3871	2	16	9	-	-
5	AV Power & Reception Sockets/Comms Cabinet	O	E	9	2.5	2.5	3871	2	16	9	-	-
6	Meter Supply	D	B	1	1.5	1.5	3871	2	6	9	-	-
7	Lighting Club Lounge Reception	O	E	23	1.5	1.5	3871	2	10	9	-	-
8	Lighting Corridor	O	E	34	1.5	1.5	3871	2	10	9	-	-
9	Heater Lobby Gr Floor	O	E	1	2.5	2.5	3871	2	16	9	-	-
10	DB Comms Room	G	E	1	10	10	60898	C	40	9	-	-
11	A/C Comms Room Near	G	E	1	4	4	60898	C	32	9	-	-
12	A/C Comms Room Near	G	E	1	4	4	60898	C	32	9	-	-
13	Spare	-	-	-	-	-	-	-	-	-	-	-
14	Sockets Cleaners Bar Lounge	G	E	1	2.5	2.5	61009	C	16	9	30	-
15	Sockets Cleaners Office Side	G	E	3	2.5	2.5	61009	C	16	9	30	-
16	Spare	-	-	-	-	-	-	-	-	-	-	-
17	Spare	-	-	-	-	-	60898	C	40	9	-	-
18	Spare	-	-	-	-	-	3871	2	40	9	-	-
19	Lighting RHS Office Near Comms	O	E	22	1.5	1.5	3871	2	10	9	-	-

Circuit Chart Board: DB TG

Client	Managed Property Services	Occupier	Managed Property Services	
Board location	Gr Floor Riser (Merlin Gerin)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH	
Supply is from	Rising Busbar - 10L1			
Overcurrent device for this board	BS-EN 88			
Overcurrent device rating for this board	125.0 A	Associated RCD BS(EN)	-	RCD Rating - mA
No. of phases	1	Nominal voltage	230 V	RCD no. of poles - RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
20	Lighting Corridor	O	E	4	1.5	1.5	3871	2	16	9	-	-
21	Water Heater	O	E	1	1.5	1.5	3871	2	16	9	-	-
22	Zip Tap	O	E	1	2.5	2.5	3871	2	16	9	-	-
23	Ring- AC Spur	O	E	2	2.5	2.5	3871	2	32	9	-	-
24	Ring- Socket Kitchen	O	E	4	2.5	2.5	61009	C	32	9	30	-
25	Sockets Rest Area	O	E	1	2.5	2.5	3871	2	16	9	-	-
26	Sockets Tea Point	O	E	2	2.5	2.5	61009	C	16	9	30	-
27	Sockets Lounge	O	E	4	2.5	2.5	61009	C	16	9	30	-
28	Canopy Lights	O	E	4	2.5	2.5	3871	2	10	9	-	-
29	Spare	-	-	-	-	-	3871	2	40	9	-	-
30	Spare	-	-	-	-	-	3871	2	40	9	-	-

Circuit Chart Board: DB T1

Client	Managed Property Services	Occupier	Managed Property Services
Board location	1st Floor Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 7L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	125.0 A	Associated RCD BS(EN)	-
		RCD Rating	- mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	-
		RCD operating time at In	- ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1	Underfloor Powertrack RHS	G	E	1	10	10	60898	C	40	10	-	-
2	Underfloor Powertrack Large LHS Office	G	E	1	10	10	60898	C	40	10	-	-
3	Underfloor Powertrack Near End	G	E	1	10	10	60898	C	40	10	-	-
4	Underfloor Powertrack Far End	G	E	1	10	10	60898	C	40	10	-	-
5	Shower	G	E	1	6	6	61009	C	32	10	30	-
6	Meter Supply	O	E	1	2.5	2.5	3871	2	16	10	-	-
7	Hand Dryers	O	E	1	2.5	2.5	3871	2	16	10	-	-
8	Ring- Sockets Kitchen	O	E	4	2.5	2.5	61009	C	32	10	30	-
9	Hair Dryer	O	E	1	2.5	2.5	61009	C	16	10	30	-
10	Spare	-	-	-	-	-	61009	C	16	10	-	-
11	Spare	-	-	-	-	-	3871	2	32	10	-	-
12	Audio Socket In Riser	O	C	1	2.5	2.5	3871	2	20	10	-	-
13	Security Spurs	A	B	2	2.5	2.5	3871	2	20	10	-	-
14	Spare	-	-	-	-	-	3871	2	20	10	-	-
15	Spare	-	-	-	-	-	3871	2	32	10	-	-
16	Spare	-	-	-	-	-	3871	2	50	10	-	-
17	Spare	-	-	-	-	-	3871	2	50	10	-	-
18	Spare	-	-	-	-	-	3871	2	63	10	-	-
19	Fan Coil Unit Spurs	O	C	-	2.5	2.5	3871	2	32	10	-	-
20	Lighting Office	O	C	8	1.5	1.5	3871	2	10	10	-	-
21	Lighting Office	O	C	34	1.5	1.5	3871	2	10	10	-	-
22	Lighting Office	O	C	33	1.5	1.5	3871	2	10	10	-	-

Circuit Chart Board: DB T1

Client	Managed Property Services	Occupier	Managed Property Services
Board location	1st Floor Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 7L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	125.0 A	Associated RCD BS(EN)	- RCD Rating - mA
No. of phases	1	Nominal voltage	230 V RCD no. of poles - RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
23	Kitchen Zip Tap	O	C	1	2.5	2.5	3871	2	16	10	-	-
24	Water Heater	O	C	1	2.5	2.5	3871	2	16	10	-	-
25	A/V Power	O	C	2	2.5	2.5	3871	2	16	10	-	-
26	Spare	-	-	-	-	-	3871	2	16	10	-	-
27	Spare	-	-	-	-	-	3871	2	16	10	-	-
28	Spare	-	-	-	-	-	3871	2	16	10	-	-
29	Spare	-	-	-	-	-	3871	2	16	10	-	-
30	Spare	-	-	-	-	-	3871	2	32	10	-	-

Circuit Chart Board: DB T1/M

Client	Managed Property Services	Occupier	Managed Property Services	
Board location	1st Floor Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH	
Supply is from	Rising Busbar - 8TP			
Overcurrent device for this board	BS-EN 88			
Overcurrent device rating for this board	63.0 A	Associated RCD BS(EN)	-	RCD Rating - mA
No. of phases	3	Nominal voltage	400 V	RCD no. of poles - RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1TP	A/C Roof 1st Floor	F	E	1	4	4	60898	C	32	10	-	-
2TP	A/C Roof Gr Floor	F	E	1	4	4	60898	C	32	10	-	-
3L1	Spare	-	-	-	-	-	-	-	-	-	-	-
3L2	Spare	-	-	-	-	-	-	-	-	-	-	-
3L3	Spare	-	-	-	-	-	-	-	-	-	-	-
4L1	Fan Coil Unit Spurs	F	E	1	2.5	2.5	60898	C	20	10	-	-
4L2	A/C Supply on Roof	F	E	1	4	4	60898	C	32	10	-	-
4L3	Fan Coil Unit Spurs	F	E	1	2.5	2.5	60898	C	20	10	-	-
5L1	Spare	-	-	-	-	-	-	-	-	-	-	-
5L2	Spare	-	-	-	-	-	-	-	-	-	-	-
5L3	Spare	-	-	-	-	-	-	-	-	-	-	-
6L1	Unable To Locate	F	E	1	2.5	2.5	60898	B	20	10	-	-
6L2	Spare	-	-	-	-	-	-	-	-	-	-	-
6L3	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: DB T2

Client	Managed Property Services	Occupier	Managed Property Services
Board location	2nd Floor Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 5L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	125.0 A	Associated RCD BS(EN)	-
		RCD Rating	- mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	-
		RCD operating time at In	- ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1	Underfloor Powertrack Near End	G	E	1	10	10	3871	2	40	9	-	-
2	Underfloor Powertrack Far End	G	E	1	10	10	3871	2	40	9	-	-
3	Underfloor Powertrack RHS	G	E	1	10	10	3871	2	40	9	-	-
4	Underfloor Powertrack Middle Area	G	E	1	10	10	3871	2	40	9	-	-
5	Socket Riser	O	E	1	2.5	2.5	3871	2	16	9	-	-
6	Meter Supply	O	E	1	1.5	1.5	3871	2	6	9	-	-
7	Spare	-	-	-	-	-	3871	2	16	9	-	-
8	Hand Dryers Male & Female WC	O	E	2	2.5	2.5	3871	2	16	9	-	-
9	Ring- Fan Coil Unit Spurs	O	E	22	2.5	2.5	3871	2	32	9	-	-
10	Sockets Cleaners	G	E	3	2.5	2.5	61009	C	20	9	30	-
11	Spare	-	-	-	-	-	3871	2	40	9	-	-
12	Spare	-	-	-	-	-	3871	2	20	9	-	-
13	Spare	-	-	-	-	-	3871	2	20	9	-	-
14	Spare	-	-	-	-	-	3871	2	40	9	-	-
15	Spare	-	-	-	-	-	-	B	32	9	-	-
16	Spare	-	-	-	-	-	3871	2	40	9	-	-
17	Hand Dryer Disabled WC	O	E	1	2.5	2.5	61009	C	16	9	30	-
18	Spare	-	-	-	-	-	61009	C	16	9	30	-
19	ZipTap Kitchen	O	E	1	2.5	2.5	3871	2	16	9	-	-
20	Water Heater Kitchen	O	E	1	2.5	2.5	3871	2	16	9	-	-
21	Ring- Sockets Kitchen	O	E	5	2.5	2.5	61009	C	32	9	30	-

Circuit Chart Board: DB T2

Client	Managed Property Services	Occupier	Managed Property Services
Board location	2nd Floor Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 5L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	125.0 A	Associated RCD BS(EN)	- RCD Rating - mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	- RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
22	Lighting Office This End	O	E	8	1.5	1.5	60898	C	10	9	-	-
23	Lighting Office Middle Area	O	E	34	1.5	1.5	60898	C	10	9	-	-
24	Lighting Office Far End	O	E	33	1.5	1.5	60898	C	10	9	-	-
25	Spare	-	-	-	-	-	3871	2	16	9	-	-
26	Spare	-	-	-	-	-	3871	2	16	9	-	-
27	Spare	-	-	-	-	-	3871	2	16	9	-	-
28	Spare	-	-	-	-	-	3871	2	32	9	-	-
29	Spare	-	-	-	-	-	3871	2	10	9	-	-
30	Spare	-	-	-	-	-	3871	2	10	9	-	-

Circuit Chart Board: DB LL2

Client	Managed Property Services	Occupier	Managed Property Services	
Board location	2nd Floor Riser(Dorman Smith)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH	
Supply is from	Rising Busbar - 6TP			
Overcurrent device for this board	BS-EN 88			
Overcurrent device rating for this board	100.0 A	Associated RCD BS(EN)	-	RCD Rating - mA
No. of phases	3	Nominal voltage	400 V	RCD no. of poles - RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1L1	Spare	-	-	-	-	-	-	-	-	-	-	-
1L2	Lighting 2nd Floor Male WC & Cleaners Cupboard	D	B	6	2.5	2.5	3871	2	16	9	-	-
1L3	Lighting 3rd Floor Male WC & Cleaners Cupboard	D	B	6	2.5	2.5	3871	2	16	9	-	-
2L1	Spare	-	-	-	-	-	-	-	-	-	-	-
2L2	Lighting 2nd Floor Female WC, Lobby & Disabled	D	B	9	2.5	2.5	3871	2	16	9	-	-
2L3	Lighting 3rd Floor Female WC, Lobby & Disabled	D	B	7	2.5	2.5	3871	2	16	9	-	-
3L1	Ring- Unable To Locate	D	B	-	2.5	2.5	3871	2	32	9	-	-
3L2	Ring- Unable To Locate	D	B	-	2.5	2.5	3871	2	32	9	-	-
3L3	Spare	-	-	-	-	-	-	-	-	-	-	-
4L1	Spare	-	-	-	-	-	-	-	-	-	-	-
4L2	Ring- Unable To Locate	D	B	-	2.5	2.5	3871	2	32	9	-	-
4L3	Ring- Unable To Locate	D	B	2	2.5	2.5	3871	2	32	9	-	-
5L1	Spare	-	-	-	-	-	-	-	-	-	-	-
5L2	Ring- Sockets 2nd Floor Lobby	D	B	2	2.5	2.5	3871	2	32	9	-	-
5L3	Ring- Sockets 3rd Floor Lobby	D	B	2	2.5	2.5	3871	2	32	9	-	-
6L1	Spare	-	-	-	-	-	-	-	-	-	-	-
6L2	Spare	-	-	-	-	-	-	-	-	-	-	-



Circuit chart supplied by:
HMC Compliance Ltd
Unit 4 Crowhurst Hop Farm
Bullen Lane
East Peckham
Kent
TN12 5LP

Circuit Chart Board: DB LL2

Client	Managed Property Services	Occupier	Managed Property Services
Board location	2nd Floor Riser(Dorman Smith)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 6TP		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	100.0 A	Associated RCD BS(EN)	- RCD Rating - mA
No. of phases	3	Nominal voltage	400 V
		RCD no. of poles	- RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live	CPC	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD	
					mm ²	mm ²					I _{Δn} (mA)	
6L3	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: DB T3

Client	Managed Property Services	Occupier	Managed Property Services
Board location	3rd Floor Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 4L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	100.0 A	Associated RCD BS(EN)	-
		RCD Rating	- mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	-
		RCD operating time at In	- ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live	CPC	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
					mm ²	mm ²						
1	Underfloor Powertrack 3	G	E	1	10	10	60898	C	40	10	-	-
2	Underfloor Powertrack 2	G	E	1	10	10	60898	C	40	10	-	-
3	Spare	-	-	-	-	-	-	-	-	-	-	-
4	Spare	-	-	-	-	-	-	-	-	-	-	-
5	Spare	-	-	-	-	-	-	-	-	-	-	-
6	Spare	-	-	-	-	-	-	-	-	-	-	-
7	Spare	-	-	-	-	-	-	-	-	-	-	-
8	Spare	-	-	-	-	-	-	-	-	-	-	-
9	Spare	-	-	-	-	-	-	-	-	-	-	-
10	Spare	-	-	-	-	-	-	-	-	-	-	-
11	Spare	-	-	-	-	-	-	-	-	-	-	-
12	Spare	-	-	-	-	-	-	-	-	-	-	-
13	Spare	-	-	-	-	-	-	-	-	-	-	-
14	Spare	-	-	-	-	-	-	-	-	-	-	-
15	Spare	-	-	-	-	-	-	-	-	-	-	-
16	Spare	-	-	-	-	-	-	-	-	-	-	-
17	Spare	-	-	-	-	-	-	-	-	-	-	-
18	Spare	-	-	-	-	-	-	-	-	-	-	-
19	Underfloor Powertrack 4	G	E	1	10	10	60898	C	40	10	-	-
20	Underfloor Powertrack 1	G	E	1	10	10	60898	C	40	10	-	-
21	Sockets Cleaners	G	C	4	2.5	2.5	61009	C	16	10	30	-
22	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: DB T3

Client	Managed Property Services	Occupier	Managed Property Services
Board location	3rd Floor Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 4L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	100.0 A	Associated RCD BS(EN)	-
		RCD Rating	- mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	-
		RCD operating time at In	- ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
23	Spare	-	-	-	-	-	-	-	-	-	-	-
24	Spare	-	-	-	-	-	-	-	-	-	-	-
25	Water Heater	O	E	1	2.5	2.5	3871	2	16	9	-	-
26	A/V Power	O	E	1	2.5	2.5	3871	2	16	9	-	-
27	Kitchen Zip Tap	O	E	1	2.5	2.5	3871	2	16	9	-	-
28	Hand Dryers	O	E	2	2.5	2.5	3871	2	16	9	-	-
29	Staircase Heater	O	E	1	2.5	2.5	3871	2	16	9	-	-
30	Hair Dryer	O	E	1	2.5	2.5	61009	C	16	9	30	-
31	Shower	O	E	1	6	6	61009	C	32	10	30	-
32	Ring- Sockets Kitchen	O	E	4	2.5	2.5	61009	C	32	10	30	-
33	Fan Coil Unit Spur	O	E	11	2.5	2.5	60898	C	32	10	-	-
34	Lighting Office Far Offices RHS	O	E	18	1.5	1.5	60898	C	10	10	-	-
35	Lighting Office & Shower Room	O	E	18	1.5	1.5	60898	C	10	10	-	-
36	Lighting Office & Corridor	O	E	18	1.5	1.5	60898	C	10	10	-	-

Circuit Chart Board: DB T4

Client	Managed Property Services	Occupier	Managed Property Services
Board location	4th Floor Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 2L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	125.0 A	Associated RCD BS(EN)	-
		RCD Rating	- mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	-
		RCD operating time at In	- ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1	Lighting Office This End	O	E	8	1.5	1.5	60898	C	10	9	-	-
2	Lighting Office & Corridor	O	E	34	1.5	1.5	60898	C	10	9	-	-
3	Lighting Office	O	E	38	1.5	1.5	60898	C	10	9	-	-
4	Hand Dryers Male & Female WC	O	E	2	2.5	2.5	3871	2	16	9	-	-
5	Hand Dryers Disabled WC	O	E	1	2.5	2.5	3871	2	16	9	-	-
6	Sockets Cleaners	G	E	6	2.5	2.5	61009	C	16	9	16	-
7	Ring- Fan Coil Unit Spur	O	E	19	2.5	2.5	3871	2	32	9	-	-
8	Kitchen Zip Tap & Fridge	O	E	2	2.5	2.5	3871	2	16	9	-	-
9	Water Heater	O	B	1	2.5	2.5	3871	2	16	9	-	-
10	Underfloor Powertrack	G	E	1	10	10	3871	2	40	9	-	-
11	Underfloor Powertrack	G	E	1	10	10	3871	2	40	9	-	-
12	Spare	-	-	-	-	-	3871	2	16	9	-	-
13	Spare	-	-	-	-	-	3871	2	16	9	-	-
14	Spare	-	-	-	-	-	3871	2	16	9	-	-
15	Underfloor Powertrack	G	E	1	10	10	3871	2	40	9	-	-
16	Underfloor Powertrack	G	E	1	10	10	3871	2	40	9	-	-
17	Spare	-	-	-	-	-	3871	2	10	9	-	-
18	Ring- Sockets Kitchen	O	C	4	2.5	2.5	61009	C	32	9	30	-
19	Spare	-	-	-	-	-	-	-	-	-	-	-
20	Spare	-	-	-	-	-	-	-	-	-	-	-
21	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: DB T4

Client	Managed Property Services	Occupier	Managed Property Services
Board location	4th Floor Riser (Merlin Gerin Multi9)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 2L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	125.0 A	Associated RCD BS(EN)	- RCD Rating - mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	- RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live	CPC	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD $I_{\Delta n}$ (mA)	
					mm ²	mm ²						
22	Spare	-	-	-	-	-	-	-	-	-	-	-
23	Spare	-	-	-	-	-	-	-	-	-	-	-
24	Spare	-	-	-	-	-	-	-	-	-	-	-
25	Spare	-	-	-	-	-	-	-	-	-	-	-
26	Spare	-	-	-	-	-	-	-	-	-	-	-
27	Spare	-	-	-	-	-	-	-	-	-	-	-
28	Spare	-	-	-	-	-	-	-	-	-	-	-
29	Spare	-	-	-	-	-	-	-	-	-	-	-
30	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: DB LL4

Client	Managed Property Services	Occupier	Managed Property Services	
Board location	4th Floor Riser(Dorman Smith)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH	
Supply is from	Rising Busbar - 3TP			
Overcurrent device for this board	BS-EN 88			
Overcurrent device rating for this board	100.0 A	Associated RCD BS(EN)	-	RCD Rating - mA
No. of phases	3	Nominal voltage	400 V	RCD no. of poles - RCD operating time at In - ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1L1	Lighting 4th Floor Female WC & Disabled Lobby	D	B	7	2.5	2.5	3871	2	16	9	-	-
1L2	Spare	-	-	-	-	-	-	-	-	-	-	-
1L3	Lighting 5th Floor Male & Female Toilet & Lobby	D	B	10	2.5	2.5	3871	2	16	9	-	-
2L1	Lighting 4th Floor Male Toilet	D	B	5	2.5	2.5	3871	2	16	9	-	-
2L2	Spare	-	-	-	-	-	-	-	-	-	-	-
2L3	Lighting 5th Floor Roof Plant AHU	D	B	2	2.5	2.5	3871	2	16	9	-	-
3L1	Water Heater WC 4th Floor	D	B	1	2.5	2.5	3871	2	32	9	-	-
3L2	Water Heater WC 5th Floor	D	B	1	2.5	2.5	3871	2	32	9	-	-
3L3	Spare	-	-	-	-	-	3871	2	16	9	-	-
4L1	Spare	-	-	-	-	-	3871	2	32	9	-	-
4L2	Spare	-	-	-	-	-	-	-	-	-	-	-
4L3	Ring- Power Lobby & 5th Floor Disabled WC	D	B	2	2.5	2.5	3871	2	32	9	-	-
5L1	Ring- Power Lobby & 4th Floor Disabled WC	D	B	2	2.5	2.5	3871	2	32	9	-	-
5L2	Spare	-	-	-	-	-	-	-	-	-	-	-
5L3	Spare	-	-	-	-	-	3871	2	32	9	-	-
6L1	Smoke Vent Spur	O	E	1	1.5	1.5	3871	2	16	9	-	-
6L2	Smoke Vent Spur	O	E	1	1.5	1.5	3871	2	16	9	-	-
6L3	Spare	-	-	-	-	-	-	-	-	-	-	-

Circuit Chart Board: DB T5

Client	Managed Property Services	Occupier	Managed Property Services
Board location	5th Floor Riser (Merlin Gerin)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 1L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	125.0 A	Associated RCD BS(EN)	-
		RCD Rating	- mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	-
		RCD operating time at In	- ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live mm ²	CPC mm ²	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD I _{Δn} (mA)	
1	Kitchen Zip Tap	O	E	1	2.5	2.5	3871	2	16	10	-	-
2	Spare	-	-	-	-	-	3871	2	16	10	-	-
3	Water Heater	O	E	1	2.5	2.5	3871	2	16	10	-	-
4	Fan Coil Unit Spur	O	E	11	2.5	2.5	3871	2	32	10	-	-
5	Water Heater	O	E	1	2.5	2.5	3871	2	16	10	-	-
6	Lighting Office & Corridor	O	E	17	1.5	1.5	60898	C	10	10	-	-
7	Lighting Office Far End	O	E	16	1.5	1.5	60898	C	10	10	-	-
8	Lighting Office & Corridor, Kitchen	O	E	18	1.5	1.5	60898	C	10	10	-	-
9	Shower	A	C	1	6	6	61009	C	32	10	30	-
10	Underfloor Powertrack RHS	G	E	1	10	10	60898	C	40	10	-	-
11	Underfloor Powertrack LHS	G	E	1	10	10	60898	C	40	10	-	-
12	Spare	-	-	-	-	-	3871	2	20	10	-	-
13	Hand Dryers	O	E	2	2.5	2.5	60898	B	16	10	-	-
14	Spare	-	-	-	-	-	60898	B	20	10	-	-
15	Spare	-	-	-	-	-	61009	C	32	10	30	-
16	Spare	-	-	-	-	-	61009	C	16	10	30	-
17	Sockets Cleaners	G	E	3	2.5	2.5	61009	C	16	10	30	-
18	Ring- Sockets Kitchen	O	E	4	2.5	2.5	61009	C	32	10	30	-
19	Spare	-	-	-	-	-	60898	C	16	10	-	-
20	Disabled Alarm	O	E	1	2.5	2.5	60898	C	16	10	-	-
21	Meter Supply	D	B	1	1.5	1.5	60898	C	10	10	-	-
22	Spare	-	-	-	-	-	3871	2	16	10	-	-

Circuit Chart Board: DB T5

Client	Managed Property Services	Occupier	Managed Property Services
Board location	5th Floor Riser (Merlin Gerin)	Installation address	Office space in town - St Paul's 20 Little Britain London EC1A 7DH
Supply is from	Rising Busbar - 1L1		
Overcurrent device for this board	BS-EN 88		
Overcurrent device rating for this board	125.0 A	Associated RCD BS(EN)	-
		RCD Rating	- mA
No. of phases	1	Nominal voltage	230 V
		RCD no. of poles	-
		RCD operating time at In	- ms

Circuit no.	Circuit designation	Wiring Type	Reference	No. points served	Conductors		Overcurrent protective devices					Vulnerable to test
					Live	CPC	BS (EN)	Type	Rating (A)	Short circuit capacity (kA)	RCD $I_{\Delta n}$ (mA)	
					mm ²	mm ²						
23	Spare	-	-	-	-	-	60898	C	10	10	-	-
24	Spare	-	-	-	-	-	3871	2	10	10	-	-
25	Spare	-	-	-	-	-	60898	C	10	10	-	-
26	Spare	-	-	-	-	-	60898	B	16	10	-	-
27	Spare	-	-	-	-	-	3871	2	32	10	-	-
28	Spare	-	-	-	-	-	60898	C	10	10	-	-
29	Spare	-	-	-	-	-	60898	C	10	10	-	-
30	Spare	-	-	-	-	-	-	-	-	-	-	-