

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations* by an Approved Contractor or Conforming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX

Original (To the person ordering the work)

DETAILS OF THE CLIENT		
Client / Address:	St Modwen Park Point, 17 High Street, Longbridge, Birmingham, West Midlands	B31 2UQ

DETAILS OF THE INSTALLATION		The installation is:	
Address:	Building 11, Swansea Bay Science and Innovation Campus., Residential Buildings SA1 8QQ	New	<input checked="" type="checkbox"/>
Extent of the installation covered by this certificate:	Building 11 fixed wiring whole installation as per test result sheets.	An addition	<input type="checkbox"/>
		An alteration	<input type="checkbox"/>

DESIGN			
I/We, being the person(s) responsible for the design of the electrical installation (as indicated by my/our signature(s) below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671 amended to 17th Edition, Amendment 1:2011 (date) except for the departures, if any, detailed as follows:			
Details of departures from BS 7671, as amended (Regulations 120.3, 133.5):		None	
The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate. For the DESIGN of the installation: **(Where there is divided responsibility for the design)			
Signature		Date	17/09/2015
		Name (CAPITALS)	STEVEN PRIDMORE Designer 1
Signature		Date	17/09/2015
		Name (CAPITALS)	CHRIS MORGAN ** Designer 2

CONSTRUCTION			
I/We, being the person(s) responsible for the construction of the electrical installation (as indicated by my/our signature below), particulars of which are described above, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the construction work for which I/we have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671 amended to 17th Edition, Amendment 1:2011 (date) except for the the departures, if any, detailed as follows:			
Details of departures from BS 7671, as amended (Regulations 120.3, 133.5):		None	
The extent of liability of the signatory is limited to the work described above as the subject of this certificate. For the CONSTRUCTION of the installation:			
Signature		Date	17/09/2015
		Name (CAPITALS)	STEVEN PRIDMORE Constructor

INSPECTION AND TESTING			
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 CERTIFY that the work for which I/we have been responsible is, to the best of my/our knowledge and belief in accordance with BS 7671, amended to 17th Edition, Amendment 1:2011 (date) except for the departures, if any, detailed as follows:			
Details of departures from BS 7671, as amended (Regulations 120.3, 133.5):		None	
The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate. For the INSPECTION AND TESTING of the installation:			
Signature		Date	17/09/2015
		Signature	
		Date	18/09/2015
Name (CAPITALS)	JUSTIN SCRIVEN Inspector	Name (CAPITALS)	CLAYTON EVANS Qualified Supervisor †

DESIGN, CONSTRUCTION, INSPECTION AND TESTING *			
I, being the person responsible for the design, construction, inspection and testing of the electrical installation (as indicated by my signature below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, construction, inspection and testing, hereby CERTIFY that the said work for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671, amended to (date) except for the departures, if any, detailed as follows:			
Details of departures from BS 7671, as amended (Regulations 120.3, 133.5):			
The extent of liability of the signatory is limited to the work described above as the subject of this certificate. For the DESIGN , the CONSTRUCTION and the INSPECTION AND TESTING of the installation:			
Signature		Signature	
Date		Date	
Name (CAPITALS)		Name (CAPITALS)	Qualified Supervisor ††

† Where the inspection and testing have been carried out by an Approved Contractor, the inspection and testing results are to be reviewed by the registered Qualified Supervisor.
 †† Where the design, the construction, and the inspection and testing have been the responsibility of one person, the inspection and testing results are to be reviewed by the registered Qualified Supervisor.

This certificate is based on the model forms shown in Appendix 6 of BS 7671

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Please see the 'Notes for Recipients' on the reverse of this page.

Check your certificate is genuine, go to www.checkmyniceicert.com and put in the certificate number

NOTES FOR RECIPIENT

THIS SAFETY CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE REFERENCE

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected, tested and verified in accordance with the national standard for the safety of electrical installations, British Standard 7671 (as amended) - *Requirements for Electrical Installations*.

Where, as will often be the case, the installation incorporates a residual current device (RCD), there should be a notice at or near the main switchboard or consumer unit stating that the device should be tested at quarterly intervals. For safety reasons, it is important that you carry out the test regularly.

Also for safety reasons, the complete electrical installation will need to be inspected and tested at appropriate intervals by a competent person. NICEIC* recommends that you engage the services of an Approved Contractor for this purpose. The maximum interval recommended before the next inspection is stated on Page 2 under *Next Inspection*. There should be a notice at or near the main switchboard or consumer unit indicating when the inspection of the installation is next due.

Only an NICEIC Approved Contractor or Conforming Body responsible for the **construction** of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate.

The certificate consists of at least five numbered pages. The certificate is invalid if any of the five pages are missing. The certificate has a printed seven-digit serial number which is traceable to the Approved Contractor to which it was supplied by NICEIC.

For installations having more than one distribution board or more circuits than can be recorded on pages 4 and 5, one or more additional *Schedules of Circuit Details for the Installation*, and *Schedules of Test Results for the Installation* (pages 6 and 7 onwards) should form part of the certificate.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an alteration or addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' or, where appropriate, a Domestic Electrical Installation Condition Report should be issued for such a periodic inspection.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the Approved Contractor holds an appropriate extension to NICEIC enrolment for such work.

You should have received the certificate marked 'Original' and the Approved Contractor should have retained the certificate marked 'Duplicate'.

If you were the person ordering the work, but not the user of the installation, you should pass this certificate, or a full copy of it including these notes, the schedules and additional pages (if any), immediately to the user.

The 'Original' certificate should be retained in a safe place and shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this certificate will demonstrate to the new user that the electrical installation complied with the requirements of the national electrical safety standard at the time the certificate was issued.

Page 1 of this certificate provides details of the electrical installation, together with the name(s) and signature(s) of the person(s) certifying the three elements of installation work: design, construction and inspection and testing. Page 2 identifies the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of BS 7671 (except for any departures sanctioned by the designer) and recorded in the appropriate box(es) of the certificate.

* NICEIC is a part of the Ascertiva Group, a wholly owned subsidiary of The Electrical Safety Council. Under license from The Electrical Safety Council, NICEIC acts as the electrical contracting industry's independent voluntary body for electrical installation safety matters throughout the UK, and maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).

For further information about electrical safety and how NICEIC can help you, visit **www.niceic.com**

continued on the reverse of page 2

NOTES FOR RECIPIENT **(continued from the reverse of page 1)**

Where responsibility for the *design*, the *construction* and the *inspection and testing* of the electrical work is divided between the Approved Contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the *construction*, or the *inspection and testing* elements of the work would render the certificate invalid. If the *design* section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with the national electrical safety standard.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards BS 5839 and BS 5266 respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

Where the installation can be supplied by more than one source, such as the public supply and a standby generator, the number of sources should have been recorded in the box entitled Number of Sources, under the general heading *Supply Characteristics and Earthing Arrangements* on page 2 of the certificate, and the *Schedule of Test Results* compiled accordingly. Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, an additional page should have been provided which gives the relevant information relating to each additional source, and to the associated earthing arrangements and main switchgear.

Should the person ordering the work (e.g. the client, as identified on Page 1 of this certificate), have reason to believe that any element of the work for which the Approved Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with the requirements of the national electrical safety standard (BS 7671), the client should in the first instance raise the specific concerns in writing with the Approved Contractor. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

PARTICULARS OF THE ORGANISATION(S) RESPONSIBLE FOR THE ELECTRICAL INSTALLATION

DESIGN (1)	Organisation † RDM Electrical Services Ltd	NICEIC Enrolment No (where appropriate)	0	1	9	6	3	4
Address:	Unit 6 Cambrian Court Ferryboat Close Swansea Enterprise Park Postcode SA6 8PZ	Branch number: (if applicable)	0	0	0			
DESIGN (2)	Organisation † McCann and Partners	NICEIC Enrolment No (where appropriate)						
Address:	Faraday House Terra Nova Way Penarth Marina Cardiff Postcode CF64 1SA	Branch number: (if applicable)						
CONSTRUCTION	Organisation † RDM Electrical Services Ltd	NICEIC Enrolment No (Essential information)	0	1	9	6	3	4
Address:	Unit 6 Cambrian Court Ferryboat Close Swansea Enterprise Park Postcode SA6 8PZ	Branch number: (if applicable)	0	0	0			
INSPECTION AND TESTING	Organisation † RDM Electrical Services Ltd	NICEIC Enrolment No (where appropriate)	0	1	9	6	3	4
Address:	Unit 6 Cambrian Court Ferryboat Close Swansea Enterprise Park Postcode SA6 8PZ	Branch number: (if applicable)	0	0	0			

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)		Number and Type of Live Conductors				Nature of Supply Parameters				Characteristics of Primary Supply Overcurrent Protective Device(s)				
TNS	N/A	a.c.	<input checked="" type="checkbox"/>	d.c.		Nominal voltage(s):	400	V	U _o (1)	230	V	BS(EN)	BS 88 Fuse HRC gG (General)	
TN-CS	<input checked="" type="checkbox"/>	1-phase (2-wire)	N/A	1-phase (3-wire)	N/A	Nominal frequency, f (1)	50	Hz	Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one supply, record the higher or highest values		Type	gG		
TN-C	N/A	2-phase (3-wire)	N/A	3-pole	N/A	Prospective fault current, I _{pr} (2)(3)	5.1	kA	Rated current	200	A	Short-circuit capacity	80	kA
TT	N/A	3-phase (3-wire)	N/A	3-phase (4-wire)	<input checked="" type="checkbox"/>	External earth fault loop impedance, Z _e (2)(3)	0.08	Ω	Confirmation of polarity	<input checked="" type="checkbox"/>	(✓)			
IT	N/A	Other	Please state N/A	other	N/A	Number of sources	1							

PARTICULARS OF INSTALLATION AT THE ORIGIN

Tick boxes and enter details, as appropriate

Means of Earthing		Details of Installation Earth Electrode (where applicable)					
Distributor's facility:	<input checked="" type="checkbox"/>	Type: (eg rod(s), tape etc)	N/A	Location:	N/A		
Installation earth electrode:	N/A	Electrode resistance, R _A :	N/A (Ω)	Method of measurement:	N/A		
Main Switch or Circuit-Breaker		Maximum Demand (Load):	400	Amps	400 *Delete as appropriate		
* (applicable only where an RCD is suitable and is used as a main circuit-breaker)		Protective measures against electric shock:		ADS			
Type BS(EN)	BS EN 60947-2	Voltage rating	400	V	Earthing and Protective Bonding Conductors		
No of poles	4	Rated current, I_n	400	A	Earthing conductor		
Supply conductors material	copper	RCD operating current, I_{Δn}*	N/A	mA	Conductor material	copper	
Supply conductors csa	150 mm ²	RCD operating time (at I_{Δn})*	N/A	ms	Conductor csa	50 mm ²	
					Continuity/connection verified	<input checked="" type="checkbox"/> (✓)	
					Main protective bonding conductors	Conductor material	copper
					Conductor csa	50	mm ²
					Continuity/connection verified	<input checked="" type="checkbox"/> (✓)	
					Bonding of extraneous-conductive-parts (✓)	Water service	<input checked="" type="checkbox"/>
						Gas service	<input checked="" type="checkbox"/>
						Oil service	N/A
						Structural steel	N/A
						Lightning protection	N/A
						Other incoming service(s)	

COMMENTS ON EXISTING INSTALLATION

In the case of an alteration or additions see Section 633 None

Note: Enter 'NONE' or, where appropriate, the page number(s) of additional page(s) of comments on the existing installation.

NEXT INSPECTION

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

5 Years

Tick boxes and enter details, as appropriate

† Where the Approved Contractor responsible for the construction of the electrical installation has also been responsible for the design and the inspection and testing of that installation, the 'Particulars of the Organisation responsible for the Electrical Installation' may be recorded only in the section entitled 'CONSTRUCTION'.

‡ Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, a separate sheet must be provided which identifies the relevant information relating to each additional source.

SCHEDULE OF ITEMS INSPECTED

† See note below

PROTECTIVE MEASURES AGAINST ELECTRIC SHOCK

Basic and fault protection

Extra-low voltage

✓ SELV N/A PELV

Double or reinforced insulation

✓ Double or Reinforced Insulation

Basic protection

✓ Insulation of live parts ✓ Barriers or enclosures

N/A Obstacles ** N/A Placing out of reach **

Fault protection

Automatic disconnection of supply

- ✓ Presence of earthing conductor
- ✓ Presence of circuit protective conductors
- ✓ Presence of main protective bonding conductors
- N/A Presence of earthing arrangements for combined protective and functional purposes
- N/A Presence of adequate arrangements for other source(s), where applicable
- N/A FELV
- ✓ Choice and setting of protective and monitoring devices (for fault protection and/or overcurrent protection)

Non-conducting location **

N/A Absence of protective conductors

Earth-free equipotential bonding **

N/A Presence of earth-free equipotential bonding

Electrical separation

- ✓ For **one** item of current-using equipment
- N/A For **more** than one item of current-using equipment **

Additional protection

- ✓ Presence of residual current device(s)
- ✓ Presence of supplementary bonding conductors

** For use in controlled supervised/conditions only

Prevention of mutual detrimental influence

- ✓ Proximity of non-electrical services and other influences
- ✓ Segregation of Band I and Band II circuits or Band II insulation used
- ✓ Segregation of Safety Circuits

Identification

- ✓ Presence of diagrams, instructions, circuit charts and similar information
- ✓ Presence of danger notices and other warning notices
- ✓ Labelling of protective devices, switches and terminals
- ✓ Identification of conductors

Cables and Conductors

- ✓ Selection of conductors for current-carrying capacity and voltage drop
- ✓ Erection methods
- ✓ Routing of cables in prescribed zones
- ✓ Cables incorporating earthed armour or sheath, or run in an earthed wiring system, or otherwise adequately protected against nails, screws and the like
- ✓ Additional protection by 30 mA RCD for cables concealed in walls (where required, in premises not under the supervision of a skilled or instructed person)
- ✓ Connection of conductors
- ✓ Presence of fire barriers, suitable seals and protection against thermal effects

General

- ✓ Presence and correct location of appropriate devices for isolation and switching
- ✓ Adequacy of access to switchgear and other equipment
- ✓ Particular protective measures for special installations and locations
- ✓ Connection of single-pole devices for protection or switching in line conductors only
- ✓ Correct connection of accessories and equipment
- N/A Presence of undervoltage protective devices
- ✓ Selection of equipment and protective measures appropriate to external influences
- ✓ Selection of appropriate functional switching devices

SCHEDULE OF ITEMS TESTED

† See note below

- ✓ External earth fault loop impedance, Z_e
- N/A Installation earth electrode resistance, R_A
- ✓ Continuity of protective conductors
- ✓ Continuity of ring final circuit conductors
- ✓ Insulation resistance between live conductors
- ✓ Insulation resistance between live conductors and Earth
- ✓ Protection by separation of circuits

- ✓ Basic protection by barrier or enclosure provided during erection
- N/A Insulation of non-conducting floors or walls
- ✓ Polarity
- ✓ Earth fault loop impedance, Z_s
- ✓ Verification of phase sequence
- ✓ Operation of residual current devices
- ✓ Functional testing of assemblies
- ✓ Verification of voltage drop

SCHEDULE OF ADDITIONAL RECORDS* (See attached schedule)

Page No(s)

Note: Additional page(s) must be identified by the Electrical Installation Certificate serial number and page number(s).

† All boxes must be completed. '✓' indicates that an inspection or a test was carried out and that the result was **satisfactory**. 'N/A' indicates that an inspection or test was **not applicable** to the particular installation.

* Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: IT Hub / Electrical Room	Supply to distribution board is from: Origin of Supply []	No of phases: 3 Nominal voltage: 400 V
Distribution board designation: Main Panel Board	Overcurrent protective device for the distribution circuit: Type: BS(EN) 88 Rating: 200 A RCD No of poles: N/A $I_{\Delta n}$ N/A mA	Associated RCD (if any): BS(EN) Not Applicable

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)	
1L1	SPARE													
1L2	SPARE													
1L3	SPARE													
2TP	Surge Protection	D	B	1	16	16	5	60947-2		80	36	N/A	0.30	
3TP	Rising Busbar No1	G	B	1	120	70	5	60947-2		200	36	N/A	0.1	
4TP	Rising Busbar No2	G	E	1	95	50	5	60947-2		160	36	N/A	0.15	
5L1	Fire Alarm Panel	O	B	1	4	4	0.4	60947-2		20	36	N/A	0.64	
5L2	Disabled Refuge Alarm	O	B	1	4	4	0.4	60947-2		20	36	N/A	0.64	
5L3	SPARE													
6L1	SPARE													
6L2	SPARE													
6L3	SPARE													
7L1	SPARE													
7L2	SPARE													
7L3	SPARE													
8L1	SPARE													
8L2	SPARE													
8L3	SPARE													
9L1	SPARE													
9L2	SPARE													
9L3	SPARE													
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	FP200/Firetuff

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;">Confirmation of supply polarity</p> <p><small>* See note below</small></p> <p>Z_s <input type="text" value="N/A"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms</p> <p>I_{pf} <input type="text" value="N/A"/> kA At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms</p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

Original (To the person ordering the work)

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>† Record lower or lowest value</small>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits <small>(At least one column to be completed)</small>		Line/Line †	Line/Neutral †	Line/Earth †	Neutral/Earth			operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(M Ω)	(M Ω)	(M Ω)	(M Ω)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1														
1L2														
1L3														
2TP	N/A	N/A	N/A	N/A	N/A	>200	>200	>200	>200	✓	N/A	N/A	N/A	
3TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✓	0.10	N/A	N/A	
4TP	N/A	N/A	N/A	0.01	N/A	>200	>200	>200	>200	✓	0.09	N/A	N/A	
5L1	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	✓	0.18	N/A	N/A	
5L2	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	✓	0.18	N/A	N/A	
5L3														
6L1														
6L2														
6L3														
7L1														
7L2														
7L3														
8L1														
8L2														
8L3														
9L1														
9L2														
9L3														
10L1														
10L2														
10L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN	Date of testing: 10/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*		
Location of distribution board: IT Hub / Electrical Room	Supply to distribution board is from: Origin of Supply []	No of phases: 3	Nominal voltage: 400 V
Distribution board designation: Main Panel Board	Overcurrent protective device for the distribution circuit: Type: BS (EN) 88	Associated RCD (if any): BS (EN) Not Applicable	Rating: 200 A RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)	
								Type	Rating (A)	Short-circuit capacity (kA)			
11L1	SPARE												
11L2	SPARE												
11L3	SPARE												
12L1	SPARE												
12L2	SPARE												
12L3	SPARE												

Check your certificate is genuine, go to www.heckmyniceiccert.com and put in the certificate number

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	FP200/Firetuff

See next page for Schedule of Test Results

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;">Confirmation of supply polarity</p> <p><small>* See note below</small></p> <p>Z_s^* N/A Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ N/A ms</p> <p>I_{pf}^* N/A kA At $5I_{\Delta n}$ (if applicable) N/A ms</p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%; border: 1px solid black;"></td> <td style="width: 10%;">RCD</td> <td style="width: 30%; border: 1px solid black;"></td> </tr> <tr> <td>Insulation resistance</td> <td style="border: 1px solid black;"></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td style="border: 1px solid black;"></td> <td>Other</td> <td style="border: 1px solid black;"></td> </tr> </table>	Earth fault loop impedance		RCD		Insulation resistance		Multi-function	090409/9887	Continuity		Other	
Earth fault loop impedance		RCD											
Insulation resistance		Multi-function	090409/9887										
Continuity		Other											

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits <small>(At least one column to be completed)</small>		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
11L1														
11L2														
11L3														
12L1														
12L2														
12L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN	Date of testing: 10/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Riser Cupboard	Supply to distribution board is from: Main Panel Board [3TP]	No of phases: 3 Nominal voltage: 400 V
Distribution board designation: Rising Busbar No1	Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2 Rating: 200 A	Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A I _{Δn} N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices			RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)
								Type	Rating (A)	Short-circuit capacity (kA)		
1TP	DB/LL2	F	E	1	25	16	5	60947-2	63	36	N/A	0.38
2L1	Way taken by Tap Off DB/CL3											
2L2	Way taken by Tap Off DB/CL3											
2L3	DB/CL3	G	E	1	16	16	5	60947-2	63	36	N/A	0.38
3L1	DB/CL4	G	E	1	25	25	5	60947-2	63	36	N/A	0.38
3L2	Way taken by Tap Off DB/CL4											
3L3	Way taken by Tap Off DB/CL4											
4L1	Way taken by Tap Off DB/CL7											
4L2	DB/CL7	G	E	1	16	16	5	60947-2	63	36	N/A	0.38
4L3	Way taken by Tap Off DB/CL7											
5L1	Way taken by Tap Off DB/CL8											
5L2	Way taken by Tap Off DB/CL8											
5L3	DB/CL8	G	E	1	25	25	5	60947-2	63	36	N/A	0.38
6TP	DB/LL4	F	E	1	25	16	5	60947-2	63	36	N/A	0.38
7L1	DB/CL11	G	E	1	16	16	5	60947-2	63	36	N/A	0.38
7L2	Way taken by Tap Off DB/CL11											
7L3	Way taken by Tap Off DB/CL11											
8L1	Way taken by Tap Off DB/CL12											
8L2	DB/CL12	G	E	1	25	25	5	60947-2	63	36	N/A	0.38
8L3	way taken by Tap Off DB/CL12											
9L1	Way taken by Tap Off DB/CL14											
9L2	Way taken by Tap Off DB/CL14											
9L3	DB/CL14	G	E	1	16	16	5	60947-2	63	36	N/A	0.38
10TP	Passanger Lift	G	E	1	16	10	5	60947-2	32	36	N/A	0.48

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;">✓ Confirmation of supply polarity</p> <p><small>* See note below</small></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Z_s</td> <td style="width: 15%;">0.10</td> <td style="width: 15%;">Ω</td> <td style="width: 15%;">Operating times of associated RCD (if any)</td> <td style="width: 15%;">At $I_{\Delta n}$</td> <td style="width: 15%;">N/A</td> <td style="width: 15%;">ms</td> </tr> <tr> <td>I_{pf}</td> <td>4.8</td> <td>kA</td> <td></td> <td>At $5I_{\Delta n}$ (if applicable)</td> <td>N/A</td> <td>ms</td> </tr> </table>	Z_s	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms	I_{pf}	4.8	kA		At $5I_{\Delta n}$ (if applicable)	N/A	ms	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"></td> </tr> <tr> <td>Insulation resistance</td> <td></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td></td> <td>Other</td> <td></td> </tr> </table>	Earth fault loop impedance		RCD		Insulation resistance		Multi-function	090409/9887	Continuity		Other	
Z_s	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms																					
I_{pf}	4.8	kA		At $5I_{\Delta n}$ (if applicable)	N/A	ms																					
Earth fault loop impedance		RCD																									
Insulation resistance		Multi-function	090409/9887																								
Continuity		Other																									

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✓	0.11	N/A	N/A	
2L1														
2L2														
2L3	N/A	N/A	N/A	0.04	N/A	N/A	>200	>200	>200	✓	0.11	N/A	N/A	
3L1	N/A	N/A	N/A	0.05	N/A	N/A	>200	>200	>200	✓	0.13	N/A	N/A	
3L2														
3L3														
4L1														
4L2	N/A	N/A	N/A	0.04	N/A	N/A	>200	>200	>200	✓	0.11	N/A	N/A	
4L3														
5L1														
5L2														
5L3	N/A	N/A	N/A	0.06	N/A	N/A	>200	>200	>200	✓	0.25	N/A	N/A	
6TP	N/A	N/A	N/A	0.05	N/A	>200	>200	>200	>200	✓	0.15	N/A	N/A	
7L1	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	✓	0.11	N/A	N/A	
7L2														
7L3														
8L1														
8L2	N/A	N/A	N/A	0.04	N/A	N/A	>200	>200	>200	✓	0.14	N/A	N/A	
8L3														
9L1														
9L2														
9L3	N/A	N/A	N/A	0.04	N/A	N/A	>200	>200	>200	✓	0.12	N/A	N/A	
10TP	N/A	N/A	N/A	0.05	N/A	>200	>200	>200	>200	✓	0.18	N/A	N/A	

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN <small>(CAPITALS)</small>	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*
Location of distribution board: Riser Cupboard Distribution board designation: Rising Busbar No1	Supply to distribution board is from: Main Panel Board [3TP] No of phases: 3 Nominal voltage: 400 V Overcurrent protective device for the distribution circuit: Not Applicable Type: 60947-2 Rating: 200 A RCD (if any): BS (EN) Associated RCD (if any): BS (EN) BS (EN) RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices			RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
								Type	Rating (A)	Short-circuit capacity (kA)		
11TP	DB/PL2	G	E	1	25	16	5	60947-2	63	36	N/A	0.38

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Characteristics at this distribution board			
<input checked="" type="checkbox"/>	Confirmation of supply polarity		
* See note below			
Z_s	0.10	Ω	Operating times of associated RCD (if any) At $I_{\Delta n}$ N/A ms
I_{pf}	4.8	kA	At $5I_{\Delta n}$ (if applicable) N/A ms

Test instruments (serial numbers) used:			
Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <i>Record lower or lowest value</i>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
	(Line)	(Neutral)	(cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)			(ms)	(ms)	(ms)
11TP	N/A	N/A	N/A	0.05	N/A	>200	>200	>200	>200	✓	0.13	N/A	N/A	

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY	Signature: <i>J. L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*
Location of distribution board: <input style="width: 100%;" type="text" value="First Floor Common Room Store"/> Distribution board designation: <input style="width: 100%;" type="text" value="DB/LL2"/>	Supply to distribution board is from: <input style="width: 100%;" type="text" value="Rising Busbar No1 [1TP]"/> No of phases: <input style="width: 50px;" type="text" value="3"/> Nominal voltage: <input style="width: 50px;" type="text" value="400"/> V Overcurrent protective device for the distribution circuit: <input style="width: 100%;" type="text" value="Not Applicable"/> Associated RCD (if any): BS (EN) Type: <input style="width: 100%;" type="text" value="60947-2"/> Rating: <input style="width: 50px;" type="text" value="63"/> A RCD No of poles: <input style="width: 50px;" type="text" value="N/A"/> I _{Δn} : <input style="width: 50px;" type="text" value="N/A"/> mA

CIRCUIT DETAILS													
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices			RCD		Maximum Z _s permitted by BS 7671 (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)	
								Type	Rating (A)	Short-circuit capacity (kA)			
1TP	DB/LL2/L	G	E	1	25	16	5	60947-2	63	36	N/A	0.38	
2TP	DB/LL2/P	G	E	1	25	16	5	60947-2	63	36	N/A	0.38	

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

See next page for
Schedule of Test Results

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </div> <p><small>* See note below</small></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Z_s</td> <td style="width: 15%;">0.11</td> <td style="width: 15%;">Ω</td> <td style="width: 15%;">Operating times of associated RCD (if any)</td> <td style="width: 15%;">At $I_{\Delta n}$</td> <td style="width: 15%;">N/A</td> <td style="width: 10%;">ms</td> </tr> <tr> <td>I_{pf}</td> <td>3.9</td> <td>kA</td> <td>At $5I_{\Delta n}$ (if applicable)</td> <td>N/A</td> <td></td> <td>ms</td> </tr> </table>	Z_s	0.11	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms	I_{pf}	3.9	kA	At $5I_{\Delta n}$ (if applicable)	N/A		ms	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"></td> </tr> <tr> <td>Insulation resistance</td> <td></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td></td> <td>Other</td> <td></td> </tr> </table>	Earth fault loop impedance		RCD		Insulation resistance		Multi-function	090409/9887	Continuity		Other	
Z_s	0.11	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms																					
I_{pf}	3.9	kA	At $5I_{\Delta n}$ (if applicable)	N/A		ms																					
Earth fault loop impedance		RCD																									
Insulation resistance		Multi-function	090409/9887																								
Continuity		Other																									

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits <small>(At least one column to be completed)</small>		Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✓	0.11	N/A	N/A	
2TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✓	0.11	N/A	N/A	

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN <small>(CAPITALS)</small>	Date of testing: 10/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: <input type="text" value="First Floor Common Room Store"/> Distribution board designation: <input type="text" value="DB/LL2/L"/>	Supply to distribution board is from: <input type="text" value="DB/LL2 [1TP]"/>	No of phases: <input type="text" value="3"/> Nominal voltage: <input type="text" value="400"/> V
	Overcurrent protective device for the distribution circuit: Type: <input type="text" value="BS (EN) 60947-2"/> Rating: <input type="text" value="63"/> A	Associated RCD (if any): BS (EN) <input type="text" value="Not Applicable"/> RCD No of poles: <input type="text" value="N/A"/> I _{Δn} <input type="text" value="N/A"/> mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Ground Floor Staircase Lighting	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
1L2	First Floor Staircase Lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3	
1L3	Second Floor Staircase Lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3	
2L1	Ground Floor IT Hub Lighting	A	E	2	2.5	1.5	0.4	61009	C	10	10	30	2.3	
2L2	First Floor Circulation Lighting	A	E	11	1.5	1	0.4	61009	C	10	10	30	2.3	
2L3	Second Floor Circulation Lighting	A	E	11	2.5	1	0.4	61009	C	10	10	30	2.3	
3L1	Ground Floor Bus Power Supply	A	E	1	2.5	1.5	0.4	61009	C	10	10	30	2.3	
3L2	First Floor Circulation Lighting	A	E	11	1.5	1	0.4	61009	C	10	10	30	2.3	
3L3	Second Floor Circulation Lighting	A	E	11	2.5	1.5	0.4	61009	C	10	10	30	2.3	
4L1	External Entrance Lighting	A	E	6	1.5	1	0.4	61009	C	16	10	30	1.44	
4L2	SPARE													
4L3	SPARE													
5L1	SPARE													
5L2	SPARE													
5L3	SPARE													
6L1	SPARE													
6L2	SPARE													
6L3	SPARE													

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

See next page for Schedule of Test Results

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf} kA At $5I_{\Delta n}$ (if applicable) ms

Test instruments (serial numbers) used:

Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>
Insulation resistance	<input type="text"/>	Multi-function	090409/9887
Continuity	<input type="text"/>	Other	<input type="text"/>

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	N/A	N/A	N/A	0.48	N/A	N/A	>200	>200	>200	\checkmark	0.59	38.4	28.6	\checkmark
1L2	N/A	N/A	N/A	0.46	N/A	N/A	>200	>200	>200	\checkmark	0.56	37.9	28.4	\checkmark
1L3	N/A	N/A	N/A	0.51	N/A	N/A	>200	>200	>200	\checkmark	0.61	38.4	28.9	\checkmark
2L1	N/A	N/A	N/A	0.43	N/A	N/A	>200	>200	>200	\checkmark	0.54	38.1	28.5	\checkmark
2L2	N/A	N/A	N/A	0.68	N/A	N/A	>200	>200	>200	\checkmark	0.79	39.3	28.5	\checkmark
2L3	N/A	N/A	N/A	0.69	N/A	N/A	>200	>200	>200	\checkmark	0.80	38.4	28.6	\checkmark
3L1	N/A	N/A	N/A	0.29	N/A	N/A	>200	>200	>200	\checkmark	0.40	38.5	29.1	\checkmark
3L2	N/A	N/A	N/A	0.48	N/A	N/A	>200	>200	>200	\checkmark	0.59	38.1	28.6	\checkmark
3L3	N/A	N/A	N/A	0.53	N/A	N/A	>200	>200	>200	\checkmark	0.64	39.3	28.9	\checkmark
4L1	N/A	N/A	N/A	0.69	N/A	N/A	>200	>200	>200	\checkmark	0.80	38.4	29.3	\checkmark
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 10/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: First Floor Common Room Store Distribution board designation: DB/LL2/P	Supply to distribution board is from: DB/LL2 [2TP] Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 63 A	No of phases: 3 Nominal voltage: 400 V Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Ground Floor IT Hub Sockets	A	E	2	2.5	1.5	0.4	61009	B	32	10	30	1.44	
1L2	Cleaners Sockets First Floor	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
1L3	Cleaners Sockets Second Floor	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
2L1	Ground Floor Main Door Access	A	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88	
2L2	First Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44	
2L3	Second Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44	
3L1	Ground Floor IT Hub Commando Outlet	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88	
3L2	SPARE													
3L3	SPARE													
4L1	Ground Floor IT Hub Commando Outlet	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88	
4L2	SPARE													
4L3	SPARE													
5L1	Ground Floor IT Hub Commando Outlet	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88	
5L2	SPARE													
5L3	SPARE													
6L1	Ground Floor Smoke Shaft AOD	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88	
6L2	SPARE													
6L3	SPARE													
7L1	Intercom Unit	A	E	1	4	1	0.4	60898	B	16	10	N/A	2.88	
7L2	SPARE													
7L3	SPARE													
8L1	SPARE													
8L2	SPARE													
8L3	SPARE													

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf} kA At $5I_{\Delta n}$ (if applicable) ms

Test instruments (serial numbers) used:

Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>
Insulation resistance	<input type="text"/>	Multi-function	090409/9887
Continuity	<input type="text"/>	Other	<input type="text"/>

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <i>Record lower or lowest value</i>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2	($M\Omega$)	($M\Omega$)	($M\Omega$)	($M\Omega$)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	0.45	0.45	0.64	0.18	N/A	N/A	>200	>200	>200	\checkmark	0.29	38.1	28.6	\checkmark
1L2	0.90	0.90	1.48	0.34	N/A	N/A	>200	>200	>200	\checkmark	0.45	38.4	37.9	\checkmark
1L3	0.99	0.99	1.53	0.37	N/A	N/A	>200	>200	>200	\checkmark	0.48	37.9	29.0	\checkmark
2L1	N/A	N/A	N/A	0.25	N/A	N/A	>200	>200	>200	\checkmark	0.36	N/A	N/A	
2L2	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	\checkmark	0.28	N/A	N/A	
2L3	N/A	N/A	N/A	0.20	N/A	N/A	>200	>200	>200	\checkmark	0.31	N/A	N/A	
3L1	N/A	N/A	N/A	0.28	N/A	N/A	>200	>200	>200	\checkmark	0.39	N/A	N/A	
3L2														
3L3														
4L1	N/A	N/A	N/A	0.28	N/A	N/A	>200	>200	>200	\checkmark	0.39	N/A	N/A	
4L2														
4L3														
5L1	N/A	N/A	N/A	0.28	N/A	N/A	>200	>200	>200	\checkmark	0.39	N/A	N/A	
5L2														
5L3														
6L1	N/A	N/A	N/A	0.37	N/A	N/A	>200	>200	>200	\checkmark	0.48	N/A	N/A	
6L2														
6L3														
7L1	N/A	N/A	N/A	0.26	N/A	N/A	>200	>200	>200	\checkmark	0.37	N/A	N/A	
7L2														
7L3														
8L1														
8L2														
8L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 10/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: First Floor Common Room Store Distribution board designation: DB/CL3	Supply to distribution board is from: Rising Busbar No1 [2L3] Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2 Rating: 63 A	No of phases: 1 Nominal voltage: 230 V Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Lighting Common Room	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Lighting Bedroom 1	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Lighting Bedroom 2	A	E	15	1.5	1	0.4	61009	C	10	6	30	2.3	
4	Lighting Bedroom 3	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
5	SPARE													
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
9	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44	
10	Bedroom Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 2	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
12	Bedroom Ring Main 3	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
13	SPARE													
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													
18	SPARE													

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p><small>* See note below</small></p> <p> Z_s <input type="text" value="0.11"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms </p> <p> I_{pf} <input type="text" value="2.0"/> kA </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	\checkmark	0.32	38.1	27.9	\checkmark
2	N/A	N/A	N/A	0.66	N/A	N/A	>200	>200	>200	\checkmark	0.77	38.4	28.1	\checkmark
3	N/A	N/A	N/A	0.93	N/A	N/A	>200	>200	>200	\checkmark	1.04	38.3	28.4	\checkmark
4	N/A	N/A	N/A	0.89	N/A	N/A	>200	>200	>200	\checkmark	0.98	38.1	28.1	\checkmark
5														
6	0.36	0.36	0.44	0.22	N/A	N/A	>200	>200	>200	\checkmark	0.33	38.2	27.7	\checkmark
7	0.30	0.30	0.40	0.18	N/A	N/A	>200	>200	>200	\checkmark	0.29	29.1	28.8	\checkmark
8	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	\checkmark	0.20	38.3	29.1	\checkmark
9	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	\checkmark	0.21	38.1	28.1	\checkmark
10	0.38	0.38	0.51	0.29	N/A	N/A	>200	>200	>200	\checkmark	0.41	37.9	28.3	\checkmark
11	0.40	0.40	0.59	0.28	N/A	N/A	>200	>200	>200	\checkmark	0.41	38.1	28.4	\checkmark
12	0.45	0.45	0.61	0.30	N/A	N/A	>200	>200	>200	\checkmark	0.43	38.4	28.6	\checkmark
13														
14														
15														
16														
17														
18														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

Signature: <u>J.L. Scriven</u>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: First Floor Common Room Distribution board designation: DB/CL4	Supply to distribution board is from: Rising Busbar No1 [3L1] Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 63 A RCD No of poles: N/A	No of phases: 1 Nominal voltage: 230 V Associated RCD (if any): BS (EN) Not Applicable I _{Δn} : N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Lighting Common Room	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Lighting Bedroom 1	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Lighting Bedroom 2	A	E	15	1.5	1	0.4	61009	C	10	6	30	2.3	
4	SPARE													
5	SPARE													
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
9	SPARE													
10	Bedroom Ring Main 1	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 2	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
12	SPARE													
13	SPARE													
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													

Check your certificate is genuine, go to www.heckmyniceicert.com and put in the certificate number

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p><small>* See note below</small></p> <p> Z_s^* <input type="text" value="0.13"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms </p> <p> I_{pf} <input type="text" value="1.60"/> kA </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 20%;">RCD</td> <td style="width: 20%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	\checkmark	0.30	38.4	28/1	\checkmark
2	N/A	N/A	N/A	0.97	N/A	N/A	>200	>200	>200	\checkmark	1.10	38.1	28.7	\checkmark
3	N/A	N/A	N/A	0.83	N/A	N/A	>200	>200	>200	\checkmark	0.96	37.7	28.4	\checkmark
4														
5														
6	0.35	0.35	0.51	0.19	N/A	N/A	>200	>200	>200	\checkmark	0.32	38.4	28.5	\checkmark
7	0.29	0.29	0.46	0.15	N/A	N/A	>200	>200	>200	\checkmark	0.28	39.0	28.1	\checkmark
8	N/A	N/A	N/A	0.12	N/A	N/A	>200	>200	>200	\checkmark	0.25	38.3	28.7	\checkmark
9														
10	0.45	0.45	0.56	0.31	N/A	N/A	>200	>200	>200	\checkmark	0.45	38.2	29.1	\checkmark
11	0.42	0.42	0.53	0.32	N/A	N/A	>200	>200	>200	\checkmark	0.46	38.2	29.1	\checkmark
12														
13														
14														
15														
16														
17														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Second Floor Common Room Store Distribution board designation: DB/CL7	Supply to distribution board is from: Rising Busbar No1 [4L2] Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2 Rating: 63 A	No of phases: 1 Nominal voltage: 230 V Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Lighting Common Room	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Lighting Bedroom 1	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Lighting Bedroom 2	A	E	15	1.5	1	0.4	61009	C	10	6	30	2.3	
4	Lighting Bedroom 3	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
5	SPARE													
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
9	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44	
10	Bedroom Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 2	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
12	Bedroom Ring Main 3	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
13	SPARE													
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													
18	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf} kA At $5I_{\Delta n}$ (if applicable) ms

Test instruments (serial numbers) used:

Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>
Insulation resistance	<input type="text"/>	Multi-function	090409/9887
Continuity	<input type="text"/>	Other	<input type="text"/>

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.29	N/A	N/A	>200	>200	>200	\checkmark	0.41	38.1	28.0	\checkmark
2	N/A	N/A	N/A	0.69	N/A	N/A	>200	>200	>200	\checkmark	0.80	38.4	28.2	\checkmark
3	N/A	N/A	N/A	0.91	N/A	N/A	>200	>200	>200	\checkmark	1.02	38.1	28.4	\checkmark
4	N/A	N/A	N/A	0.93	N/A	N/A	>200	>200	>200	\checkmark	1.04	38.2	28.3	\checkmark
5														
6	0.39	0.39	0.62	0.33	N/A	N/A	>200	>200	>200	\checkmark	0.46	39.1	28.4	\checkmark
7	0.48	0.48	0.70	0.38	N/A	N/A	>200	>200	>200	\checkmark	0.49	39.2	28.3	\checkmark
8	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	\checkmark	0.20	38.4	28.5	\checkmark
9	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	\checkmark	0.21	38.4	28.3	\checkmark
10	0.23	0.23	0.34	0.27	N/A	N/A	>200	>200	>200	\checkmark	0.38	37.9	29.0	\checkmark
11	0.49	0.49	0.70	0.30	N/A	N/A	>200	>200	>200	\checkmark	0.47	38.5	28.8	\checkmark
12	0.53	0.53	0.69	0.32	N/A	N/A	>200	>200	>200	\checkmark	0.46	37.7	27.7	\checkmark
13														
14														
15														
16														
17														
18														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Second Floor Common Room Distribution board designation: DB/CL8	Supply to distribution board is from: Rising Busbar No1 [5L3] Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 63 A	No of phases: 1 Nominal voltage: 230 V Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Lighting Common Room	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Lighting Bedroom 1	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Lighting Bedroom 2	A	E	15	1.5	1	0.4	61009	C	10	6	30	2.3	
4	SPARE													
5	SPARE													
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
9	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44	
10	Bedroom Ring Main 1	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 1	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
12	SPARE													
13	SPARE													
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													
18	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf} kA At $5I_{\Delta n}$ (if applicable) ms

Test instruments (serial numbers) used:

Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>
Insulation resistance	<input type="text"/>	Multi-function	090409/9887
Continuity	<input type="text"/>	Other	<input type="text"/>

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(M Ω)	(M Ω)	(M Ω)	(M Ω)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.18	N/A	N/A	>200	>200	>200	\checkmark	0.31	38.1	28.4	\checkmark
2	N/A	N/A	N/A	0.90	N/A	N/A	>200	>200	>200	\checkmark	1.03	38.5	27.9	\checkmark
3	N/A	N/A	N/A	0.87	N/A	N/A	>200	>200	>200	\checkmark	1.01	38.8	29.0	\checkmark
4														
5														
6	0.35	0.35	0.56	0.17	N/A	N/A	>200	>200	>200	\checkmark	0.29	38.4	29.0	\checkmark
7	0.42	0.42	0.63	0.25	N/A	N/A	>200	>200	>200	\checkmark	0.39	38.3	27.9	\checkmark
8	N/A	N/A	N/A	0.11	N/A	N/A	>200	>200	>200	\checkmark	0.23	38.2	39.0	\checkmark
9	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	\checkmark	0.22	39.0	27.9	\checkmark
10	0.47	0.47	0.60	0.34	N/A	N/A	>200	>200	>200	\checkmark	0.60	38.1	28.9	\checkmark
11	0.46	0.46	0.57	0.31	N/A	N/A	>200	>200	>200	\checkmark	0.39	37.8	28.6	\checkmark
12														
13														
14														
15														
16														
17														
18														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*
Location of distribution board: <div style="border: 1px solid black; padding: 2px; display: inline-block;">Third Floor Common Room Store</div>	Supply to distribution board is from: <div style="border: 1px solid black; padding: 2px; display: inline-block;">Rising Busbar No1 [6TP]</div>
Distribution board designation: DB/LL4	No of phases: 3 Nominal voltage: 400 V Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 63 A RCD (if any): BS (EN) Associated RCD: Not Applicable BS (EN) RCD No of poles: N/A $I_{\Delta n}$: N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)	
								Type	Rating (A)	Short-circuit capacity (kA)			
1TP	DB/LL4/L	G	E	1	25	16	5	60947-2	63	36	N/A	0.38	
2TP	DB/LL4/P	G	E	1	25	16	5	60947-2	63	36	N/A	0.38	

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

Original (To the person ordering the work)

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

★ See note below

Z _s *	0.15	Ω	Operating times of associated RCD (if any)	At I _{Δn}	N/A	ms
I _{pf} *	3.3	kA		At 5I _{Δn} (if applicable)	N/A	ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <i>Record lower or lowest value</i>				Polarity (✓)	Maximum measured earth fault loop impedance, Z _s * (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)			Operating times		Test button operation (✓)
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	R ₂							at I _{Δn} (ms)	at 5I _{Δn} (if applicable) (ms)	
1TP	N/A	N/A	N/A	0.05	N/A	>200	>200	>200	>200	✓	0.15	N/A	N/A	
2TP	N/A	N/A	N/A	0.05	N/A	>200	>200	>200	>200	✓	0.15	N/A	N/A	

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN (CAPITALS)	Date of testing: 07/09/2015

See previous page for
Schedule of Circuit Details

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Third Floor Common Room Store	Supply to distribution board is from: DB/LL4 [1TP]	No of phases: 3 Nominal voltage: 400 V
Distribution board designation: DB/LL4/L	Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 63 A	Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A I _{Δn} N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Third Floor Stair Lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3	
1L2	Fourth Floor Stair Lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3	
1L3	SPARE													
2L1	Third Floor Circulation Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
2L2	Fourth Floor Circulation Lighting	A	E	11	2.5	1.5	0.4	61009	C	10	10	30	2.3	
2L3	SPARE													
3L1	Third Floor Circulation Lighting	A	E	11	1.5	1	0.4	61009	C	10	10	30	2.3	
3L2	Fourth Floor Circulation Lighting	A	E	6	2.5	1.5	0.4	61009	C	10	10	30	2.3	
3L3	SPARE													
4L1	SPARE													
4L2	SPARE													
4L3	SPARE													
5L1	SPARE													
5L2	SPARE													
5L3	SPARE													
6L1	SPARE													
6L2	SPARE													
6L3	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p><small>* See note below</small></p> <p> Z_s <input type="text" value="0.15"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms I_{pf} <input type="text" value="3.3"/> kA At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 20%;">RCD</td> <td style="width: 20%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <i>Record lower or lowest value</i>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2	(M Ω)	(M Ω)	(M Ω)	(M Ω)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
	(M Ω)	(M Ω)	(M Ω)	(M Ω)	(M Ω)	(M Ω)	(M Ω)	(M Ω)	(M Ω)			(ms)	(ms)	
1L1	N/A	N/A	N/A	0.38	N/A	N/A	>200	>200	>200	✓	0.53	39.1	29.0	✓
1L2	N/A	N/A	N/A	0.41	N/A	N/A	>200	>200	>200	✓	0.56	39.1	28.9	✓
1L3														
2L1	N/A	N/A	N/A	0.44	N/A	N/A	>200	>200	>200	✓	0.59	34.5	28.7	✓
2L2	N/A	N/A	N/A	0.31	N/A	N/A	>200	>200	>200	✓	0.46	39.0	28.7	✓
2L3														
3L1	N/A	N/A	N/A	0.42	N/A	N/A	>200	>200	>200	✓	0.57	38.8	29.0	✓
3L2	N/A	N/A	N/A	0.55	N/A	N/A	>200	>200	>200	✓	0.70	38.9	28.8	✓
3L3														
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: <div style="border: 1px solid black; padding: 2px; width: 150px; margin: 5px 0;">Third Floor Common Room Store</div>	Supply to distribution board is from: DB/LL4 [2TP]	No of phases: 3 Nominal voltage: 400 V
Distribution board designation: DB/LL4/P	Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2 Rating: 63 A	Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A I _{Δn} : N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS 7671 (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)			
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Third Floor Cleaners Sockets	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
1L2	Fourth Floor Cleaners sockets	A	E	5	2.5	1.5	0.4	61009	B	32	10	N/A	1.44	
1L3	SPARE													
2L1	Third Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
2L2	Fourth Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
2L3	SPARE													
3L1	SPARE													
3L2	Fourth Floor Head of Stair Core AOV	O	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
3L3	SPARE													
4L1	SPARE													
4L2	SPARE													
4L3	SPARE													
5L1	SPARE													
5L2	SPARE													
5L3	SPARE													
6L1	SPARE													
6L2	SPARE													
6L3	SPARE													
7L1	SPARE													
7L2	SPARE													
7L3	SPARE													
8L1	SPARE													
8L2	SPARE													
8L3	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	FP200/Firetuff

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s^* Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf}^* kA At $5I_{\Delta n}$ (if applicable) ms

Test instruments (serial numbers) used:

Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>
Insulation resistance	<input type="text"/>	Multi-function	090409/9887
Continuity	<input type="text"/>	Other	<input type="text"/>

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (<input checked="" type="checkbox"/>)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (<input checked="" type="checkbox"/>)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2	(M Ω)	(M Ω)	(M Ω)	(M Ω)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	0.80	0.80	0.91	0.30	N/A	N/A	>200	>200	>200	<input checked="" type="checkbox"/>	0.45	39.0	29.1	<input checked="" type="checkbox"/>
1L2	0.84	0.84	0.96	0.32	N/A	N/A	>200	>200	>200	<input checked="" type="checkbox"/>	0.47	39.0	28.7	<input checked="" type="checkbox"/>
1L3														
2L1	N/A	N/A	N/A	0.25	N/A	N/A	>200	>200	>200	<input checked="" type="checkbox"/>	0.40	N/A	N/A	
2L2	N/A	N/A	N/A	0.28	N/A	N/A	>200	>200	>200	<input checked="" type="checkbox"/>	0.43	N/A	N/A	
2L3														
3L1														
3L2	N/A	N/A	N/A	0.32	N/A	N/A	>200	>200	>200	<input checked="" type="checkbox"/>	0.47	N/A	N/A	
3L3														
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														
7L1														
7L2														
7L3														
8L1														
8L2														
8L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Third Floor Common Room Store	Supply to distribution board is from: Rising Busbar No1 [7L1]	No of phases: 1 Nominal voltage: 230 V
Distribution board designation: DB/CL11	Overcurrent protective device for the distribution circuit:	Associated RCD (if any): BS (EN) Not Applicable
	Type: BS (EN) 60947-2 Rating: 63 A	RCD No of poles: N/A I _{Δn} N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Lighting Common Room	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Lighting Bedroom 1	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Lighting Bedroom 2	A	E	15	1.5	1	0.4	61009	C	10	6	30	2.3	
4	Lighting Bedroom 3	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
5	SPARE													
6	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
9	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44	
10	Bedroom Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 2	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
12	Bedroom Ring Main 3	A	E	9	2.5	1	0.4	61009	B	32	10	30	1.44	
13	SPARE													
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													
18	SPARE													

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p> <small>* See note below</small> Z_s^* 0.11 Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ N/A ms I_{pf} 2.0 kA At $5I_{\Delta n}$ (if applicable) N/A ms </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"></td> <td style="width: 20%;">RCD</td> <td style="width: 20%;"></td> </tr> <tr> <td>Insulation resistance</td> <td></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td></td> <td>Other</td> <td></td> </tr> </table>	Earth fault loop impedance		RCD		Insulation resistance		Multi-function	090409/9887	Continuity		Other	
Earth fault loop impedance		RCD											
Insulation resistance		Multi-function	090409/9887										
Continuity		Other											

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.30	N/A	N/A	>200	>200	>200	\checkmark	0.40	38.3	29.1	\checkmark
2	N/A	N/A	N/A	0.68	N/A	N/A	>200	>200	>200	\checkmark	0.79	38.0	28.3	\checkmark
3	N/A	N/A	N/A	0.96	N/A	N/A	>200	>200	>200	\checkmark	1.06	37.6	29.0	\checkmark
4	N/A	N/A	N/A	0.94	N/A	N/A	>200	>200	>200	\checkmark	1.05	39.3	28.3	\checkmark
5														
6	0.28	0.28	0.43	0.22	N/A	N/A	>200	>200	>200	\checkmark	0.33	38.2	27.9	\checkmark
7	0.38	0.38	0.59	0.28	N/A	N/A	>200	>200	>200	\checkmark	0.40	38.2	27.9	\checkmark
8	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	\checkmark	0.20	37.9	28.5	\checkmark
9	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	\checkmark	0.20	38.4	28.1	\checkmark
10	0.22	0.22	0.34	0.28	N/A	N/A	>200	>200	>200	\checkmark	0.36	38.3	28.4	\checkmark
11	0.50	0.50	0.69	0.28	N/A	N/A	>200	>200	>200	\checkmark	0.39	38.0	27.9	\checkmark
12	0.55	0.55	0.69	0.30	N/A	N/A	>200	>200	>200	\checkmark	0.44	37.9	28.6	\checkmark
13														
14														
15														
16														
17														
18														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <u>J.L. Scriven</u>	Position: Approved Electrician
Name: JUSTIN SCRIVEN <small>(CAPITALS)</small>	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Third Floor Common Room Distribution board designation: DB/CL12	Supply to distribution board is from: Rising Busbar No1 [8L2] Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 63 A	No of phases: 1 Nominal voltage: 230 V Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Lighting Common Room	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Lighting Bedroom 1	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Lighting Bedroom 2	A	E	15	1.5	1	0.4	61009	C	10	6	30	2.3	
4	SPARE													
5	SPARE													
6	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
9	SPARE													
10	Bedroom Ring Main 1	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 2	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
12	SPARE													
13	SPARE													
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p><input checked="" type="checkbox"/> Confirmation of supply polarity</p> <p><small>* See note below</small></p> <p>Z_s <input type="text" value="0.14"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms</p> <p>I_{pf} <input type="text" value="1.78"/> kA At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms</p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <i>Record lower or lowest value</i>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.18	N/A	N/A	>200	>200	>200	\checkmark	0.31	38.0	27.8	\checkmark
2	N/A	N/A	N/A	0.85	N/A	N/A	>200	>200	>200	\checkmark	1.03	38.2	28.0	\checkmark
3	N/A	N/A	N/A	0.75	N/A	N/A	>200	>200	>200	\checkmark	1.01	38.4	28.5	\checkmark
4														
5														
6	0.38	0.38	0.56	0.22	N/A	N/A	>200	>200	>200	\checkmark	0.42	38.0	28.3	\checkmark
7	0.29	0.29	0.44	0.23	N/A	N/A	>200	>200	>200	\checkmark	0.37	38.5	28.0	\checkmark
8	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	\checkmark	0.19	37.9	28.6	\checkmark
9														
10	0.44	0.44	0.54	0.25	N/A	N/A	>200	>200	>200	\checkmark	0.49	38.6	29.0	\checkmark
11	0.43	0.43	0.56	0.21	N/A	N/A	>200	>200	>200	\checkmark	0.39	39.0	28.5	\checkmark
12														
13														
14														
15														
16														
17														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN <small>(CAPITALS)</small>	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Fourth Floor Common Room Store Distribution board designation: DB/CL14	Supply to distribution board is from: Rising Busbar No1 [9L3] Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2 Rating: 63 A	No of phases: 1 Nominal voltage: 230 V Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Lighting Common Room	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Lighting Standard Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Lighting standard Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
4	Lighting Standard Room	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
5	Lighting Standard Room	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
9	Common Room Cooker 2	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
10	Bedroom Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 2	A	E	6	2.5	1	0.4	61009	B	32	10	30	1.44	
12	Bedroom Ring Main 3	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
13	Bedroom Ring Main 4	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													
18	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s^* 0.12 Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ N/A ms

I_{pf}^* 1.98 kA At $5I_{\Delta n}$ (if applicable) N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <i>Record lower or lowest value</i>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2	(M Ω)	(M Ω)	(M Ω)	(M Ω)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	\checkmark	0.36	38.1	28.8	\checkmark
2	N/A	N/A	N/A	0.60	N/A	N/A	>200	>200	>200	\checkmark	0.71	38.1	28.8	\checkmark
3	N/A	N/A	N/A	0.74	N/A	N/A	>200	>200	>200	\checkmark	0.86	37.9	28.4	\checkmark
4	N/A	N/A	N/A	0.83	N/A	N/A	>200	>200	>200	\checkmark	0.95	38.6	28.7	\checkmark
5	N/A	N/A	N/A	0.87	N/A	N/A	>200	>200	>200	\checkmark	0.99	38.3	28.1	\checkmark
6	0.36	0.36	0.52	0.33	N/A	N/A	>200	>200	>200	\checkmark	0.45	38.1	28.8	\checkmark
7	0.40	0.40	0.53	0.25	N/A	N/A	>200	>200	>200	\checkmark	0.37	38.1	28.8	\checkmark
8	N/A	N/A	N/A	0.08	N/A	N/A	>200	>200	>200	\checkmark	0.20	38.6	29.4	\checkmark
9	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	\checkmark	0.21	39.1	28.3	\checkmark
10	0.25	0.25	0.37	0.35	N/A	N/A	>200	>200	>200	\checkmark	0.53	38.4	28.6	\checkmark
11	0.33	0.33	0.40	0.36	N/A	N/A	>200	>200	>200	\checkmark	0.52	39.1	2.0	\checkmark
12	0.53	0.53	0.73	0.31	N/A	N/A	>200	>200	>200	\checkmark	0.43	37.6	27.9	\checkmark
13	0.51	0.51	0.70	0.30	N/A	N/A	>200	>200	>200	\checkmark	0.42	38.0	28.4	\checkmark
14														
15														
16														
17														
18														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Plant Room	Supply to distribution board is from: Rising Busbar No1 [11TP]	No of phases: 3 Nominal voltage: 400 V
Distribution board designation: DB/PL2	Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2 Rating: 63 A	Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A I _{Δn} N/A mA

Original (To the person ordering the work)

CIRCUIT DETAILS													
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)	
								Type	Rating (A)	Short-circuit capacity (kA)			
1TP	DB/PL2/L	G	E	1	25	16	0.4	60947-2	63	36	N/A	0.38	
2TP	DB/PL2/P	G	E	1	25	16	5	60947-2	63	36	N/A	0.38	

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

**See next page for
Schedule of Test Results**

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Characteristics at this distribution board			
✓	Confirmation of supply polarity		
<small>* See note below</small>			
Z_s	0.13	Ω	Operating times of associated RCD (if any) At $I_{\Delta n}$ N/A ms
I_{pf}	3.3	kA	At $5I_{\Delta n}$ (if applicable) N/A ms

Test instruments (serial numbers) used:			
Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1TP	N/A	N/A	N/A	0.05	N/A	>200	>200	>200	>200	✓	0.13	N/A	N/A	
2TP	N/A	N/A	N/A	0.05	N/A	>200	>200	>200	>200	✓	0.13	N/A	N/A	

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <u>J. L. Scriven</u>	Position: <u>Approved Electrician</u>
Name: <u>JUSTIN SCRIVEN</u> <small>(CAPITALS)</small>	Date of testing: <u>14/09/2015</u>

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*
Location of distribution board: Plant Room Distribution board designation: DB/PL2/L	Supply to distribution board is from: DB/PL2 [1TP] No of phases: 3 Nominal voltage: 400 V Overcurrent protective device for the distribution circuit: Associated RCD (if any): BS (EN) Not Applicable Type: BS (EN) 60947-2 Rating: 63 A RCD No of poles: N/A I _{Δn} N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Plant Room Lighting	A	E	3	2.5	1.5	0.4	61009	C	10	10	30	2.3	
1L2	SPARE													
1L3	SPARE						0.4							
2L1	Plant Stair Lighting	A	E	4	1.5	1	0.4	61009	C	10	10	30	2.3	
2L2	SPARE													
2L3	SPARE													
3L1	Plant Room Access Lighting	A	E	3	1.5	1	0.4	61009	C	10	10	30	2.3	
3L2	SPARE													
3L3	SPARE													
4L1	SPARE													
4L2	SPARE													
4L3	SPARE													
5L1	SPARE													
5L2	SPARE													
5L3	SPARE													
6L1	SPARE													
6L2	SPARE													
6L3	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf} kA At $5I_{\Delta n}$ (if applicable) ms

Test instruments (serial numbers) used:

Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>
Insulation resistance	<input type="text"/>	Multi-function	090409/9887
Continuity	<input type="text"/>	Other	<input type="text"/>

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (<input checked="" type="checkbox"/>)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (<input checked="" type="checkbox"/>)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	N/A	N/A	N/A	0.38	N/A	N/A	>200	>200	>200	<input checked="" type="checkbox"/>	0.52	39.1	28.6	<input checked="" type="checkbox"/>
1L2														
1L3														
2L1	N/A	N/A	N/A	0.54	N/A	N/A	>200	>200	>200	<input checked="" type="checkbox"/>	0.65	38.3	28.5	<input checked="" type="checkbox"/>
2L2														
2L3														
3L1	N/A	N/A	N/A	0.51	N/A	N/A	>200	>200	>200	<input checked="" type="checkbox"/>	0.62	37.9	29.0	<input checked="" type="checkbox"/>
3L2														
3L3														
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <u>J.L. Scriven</u>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Plant Room Distribution board designation: DB/PL2/P	Supply to distribution board is from: DB/PL2 [2TP] Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 63 A	No of phases: 3 Nominal voltage: 400 V Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Plant Room Ring Main	B	B	3	2.5	1.5	0.4	61009	B	32	10	30	1.44	
1L2	Head of Shaft AOV	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44	
1L3	Plant Room Tubular Heater	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88	
2TP	Roof Extract Fan 1	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
3TP	Roof Extract Fan 2	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
4TP	Roof Extract Fan 3	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
5TP	Roof Extract Fan 4	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
6TP	Roof Extract Fan 5	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
7L1	SPARE													
7L2	SPARE													
7L3	SPARE													
8L1	SPARE													
8L2	SPARE													
8L3	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	FP200/Firetuff

See next page for Schedule of Test Results

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p><input checked="" type="checkbox"/> Confirmation of supply polarity</p> <p><small>★ See note below</small></p> <p>Z_s <input type="text" value="0.13"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms</p> <p>I_{pf} <input type="text" value="N/A"/> kA At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms</p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 20%;">RCD</td> <td style="width: 20%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	0.59	0.59	0.59	0.24	N/A	N/A	>200	>200	>200	✓	0.35	38.5	29.0	✓
1L2	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	✓	0.18	N/A	N/A	
1L3	N/A	N/A	N/A	0.27	N/A	N/A	>200	>200	>200	✓	0.38	N/A	N/A	
2TP	N/A	N/A	N/A	0.21	N/A	>200	>200	>200	>200	✓	0.34	N/A	N/A	
3TP	N/A	N/A	N/A	0.22	N/A	>200	>200	>200	>200	✓	0.35	N/A	N/A	
4TP	N/A	N/A	N/A	0.25	N/A	>200	>200	>200	>200	✓	0.38	N/A	N/A	
5TP	N/A	N/A	N/A	0.26	N/A	>200	>200	>200	>200	✓	0.39	N/A	N/A	
6TP	N/A	N/A	N/A	0.30	N/A	>200	>200	>200	>200	✓	0.43	N/A	N/A	
7L1														
7L2														
7L3														
8L1														
8L2														
8L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <u>J.L. Scriven</u>	Position: Approved Electrician
Name: JUSTIN SCRIVEN <small>(CAPITALS)</small>	Date of testing: 14/09/2015

Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Riser Cupboard Distribution board designation: Rising Busbar No2	Supply to distribution board is from: Main Panel Board [4TP] Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 160 A RCD No of poles: N/A	No of phases: 3 Nominal voltage: 400 V Associated RCD (if any): BS (EN) Not Applicable I _{Δn} : N/A I _{Δn} : N/A mA

CIRCUIT DETAILS													
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices			RCD		Maximum Z _s permitted by BS 7671 (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)	
								Type	Rating (A)	Short-circuit capacity (kA)			
1TP	DB/LL1	G	E	1	25	16	5	60947-2	63	36	N/A	0.38	
2L1	DB/CL1	G	E	1	16	16	5	60947-2	63	36	N/A	0.38	
2L2	Way taken by Tap Off DB/CL1												
2L3	Way taken by Tap Off DB/CL1												
3L1	Way taken by Tap Off DB/CL2												
3L2	DB/CL2	G	E	1	16	16	5	60947-2	63	36	N/A	0.38	
3L3	Way taken by Tap Off DB/CL2												
4L1	Way taken by Tap Off DB/CL5												
4L2	Way taken by Tap Off DB/CL5												
4L3	DB/CL5	G	E	1	16	16	5	60947-2	63	36	N/A	0.38	
5L1	DB/CL6	G	E	1	16	16	5	60947-2	63	36	N/A	0.38	
5L2	Way taken by Tap Off DB/CL6												
5L3	Way taken by Tap Off DB/CL6												
6TP	DB/LL3	G	E	1	25	16	5	60947-2	63	36	N/A	0.38	
7L1	way taken by Tap Off DB/CL9												
7L2	DB/CL9	G	E	1	16	16	5	60947-2	63	36	N/A	0.38	
7L3	Way taken by Tap Off DB/CL9												
8L1	Way taken by Tap Off DB/CL10												
8L2	Way taken by Tap Off DB/CL10												
8L3	DB/CL10	G	E	1	16	16	5	60947-2	63	36	N/A	0.38	
9L1	DB/CL13	G	E	1	16	16	5	60947-2	63	36	N/A	0.38	
9L2	Way taken by Tap Off DB/CL13												
9L3	Way taken by Tap Off DB/CL13												
10TP	Passenger Lift	G	E	1	10	10	0.4	60947-2	32	36	N/A	0.48	

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p><small>* See note below</small></p> <p> Z_s <input type="text" value="0.09"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms <small>At $5I_{\Delta n}$ (if applicable)</small> <input type="text" value="N/A"/> ms </p> <p> I_{pf} <input type="text" value="4.98"/> kA </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(M Ω)	(M Ω)	(M Ω)	(M Ω)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	\checkmark	0.11	N/A	N/A	
2L1	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	\checkmark	0.11	N/A	N/A	
2L2														
2L3														
3L1														
3L2	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	\checkmark	0.11	N/A	N/A	
3L3														
4L1														
4L2														
4L3	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	\checkmark	0.13	N/A	N/A	
5L1	N/A	N/A	N/A	0.05	N/A	N/A	>200	>200	>200	\checkmark	0.14	N/A	N/A	
5L2														
5L3														
6TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	\checkmark	0.15	N/A	N/A	
7L1														
7L2	N/A	N/A	N/A	0.05	N/A	N/A	>200	>200	>200	\checkmark	0.14	N/A	N/A	
7L3														
8L1														
8L2														
8L3	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	\checkmark	0.11	N/A	N/A	
9L1	N/A	N/A	N/A	0.06	N/A	N/A	>200	>200	>200	\checkmark	0.13	N/A	N/A	
9L2														
9L3														
10TP	N/A	N/A	N/A	0.07	N/A	>200	>200	>200	>200	\checkmark	0.19	N/A	N/A	

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN <small>(CAPITALS)</small>	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*
Location of distribution board: Riser Cupboard Distribution board designation: Rising Busbar No2	Supply to distribution board is from: Main Panel Board [4TP] No of phases: 3 Nominal voltage: 400 V Overcurrent protective device for the distribution circuit: Not Applicable Associated RCD (if any): BS (EN) Type: 60947-2 Rating: 160 A RCD No of poles: N/A I _{Δn} N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)	
								Type	Rating (A)	Short-circuit capacity (kA)			
11TP	DB/PL1	G	E	1	25	16	5	60947-2	63	36	N/A	0.38	
12TP	MSCP	G	E	1	16	16	5	60947-2	20	36	N/A	0.64	

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

Original (To the person ordering the work)
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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

★ See note below

Z_s	0.09	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms
I_{pf}	4.98	kA	At $5I_{\Delta n}$ (if applicable)	N/A		ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	(R ₁ + R ₂)	R ₂							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
11TP	N/A	N/A	N/A	0.04	N/A	>200	>200	>200	>200	✓	0.11	N/A	N/A	
12TP	N/A	N/A	N/A	0.06	N/A	>200	>200	>200	>200	✓	0.14	N/A	N/A	

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <u>J. L. Scriven</u>	Position: Approved Electrician
Name: JUSTIN SCRIVEN (CAPITALS)	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*
Location of distribution board: <input type="text" value="First Floor Common Room Store"/> Distribution board designation: <input type="text" value="DB/LL1"/>	Supply to distribution board is from: <input type="text" value="Rising Busbar No2 [1TP]"/> No of phases: <input type="text" value="3"/> Nominal voltage: <input type="text" value="400"/> V Overcurrent protective device for the distribution circuit: <input type="text" value="Not Applicable"/> Associated RCD (if any): BS (EN) <input type="text" value="Not Applicable"/> Type: BS (EN) <input type="text" value="60947-2"/> Rating: <input type="text" value="63"/> A RCD No of poles: <input type="text" value="N/A"/> I _{Δn} <input type="text" value="N/A"/> mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices			RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)
								Type	Rating (A)	Short-circuit capacity (kA)		
1TP	DB/LL1/L	G	E	1	25	16	5	60947-2	63	36	N/A	0.38
2TP	DB/LL1/P	G	E	1	25	16	5	60947-2	63	36	N/A	0.38

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

Original (To the person ordering the work)

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

★ See note below

Z_s ★ Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf} ★ kA At $5I_{\Delta n}$ (if applicable) ms

Test instruments (serial numbers) used:

Earth fault loop impedance RCD

Insulation resistance Multi-function

Continuity Other

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <i>Record lower or lowest value</i>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	\checkmark	0.11	N/A	N/A	
2TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	\checkmark	0.11	N/A	N/A	

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: J.L. Scriven Position: Approved Electrician

Name: JUSTIN SCRIVEN Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: <input type="text" value="First Floor Common Room Store"/> Distribution board designation: <input type="text" value="DB/LL1/L"/>	Supply to distribution board is from: <input type="text" value="DB/LL1 [1TP]"/>	No of phases: <input type="text" value="3"/> Nominal voltage: <input type="text" value="400"/> V
	Overcurrent protective device for the distribution circuit: Type: <input type="text" value="BS (EN) 60947-2"/> Rating: <input type="text" value="63"/> A	Associated RCD (if any): BS (EN) <input type="text" value="Not Applicable"/> RCD No of poles: <input type="text" value="N/A"/> I _{Δn} <input type="text" value="N/A"/> mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Ground Floor Staircase Lighting	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
1L2	First Floor Staircase Lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3	
1L3	Second Floor Staircase Lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3	
2L1	Ground Floor IT Hub Lighting	A	E	2	1.5	1	0.4	61009	C	10	10	30	2.3	
2L2	First Floor Circulation Lighting	A	E	11	1.5	1	0.4	61009	C	10	10	30	2.3	
2L3	Second Floor Circulation Lighting	A	E	11	2.5	1.5	0.4	61009	C	10	10	30	2.3	
3L1	Ground Floor Bus Power Supply	A	E	1	2.5	1.5	0.4	61009	C	10	10	30	2.3	
3L2	First Floor Circulation Lighting	A	E	13	1.5	1	0.4	61009	C	10	10	30	2.3	
3L3	Second Floor Circulation Lighting	A	E	13	2.5	1.5	0.4	61009	C	10	10	30	2.3	
4L1	Ground Floor Booster Room Lighting	A	E	1	2.5	1.5	0.4	61009	C	16	10	30	1.44	
4L2	Colonnade Lighting	A	E	6	2.5	1.5	0.4	61009	C	10	10	30	2.3	
4L3	SPARE													
5L1	SPARE						0.4							
5L2	SPARE													
5L3	SPARE													
6L1	SPARE													
6L2	SPARE													
6L3	SPARE													

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

See next page for
Schedule of Test Results

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p> <small>* See note below</small> Z_s <input type="text" value="0.11"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms I_{pf} <input type="text" value="3.3"/> kA At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	N/A	N/A	N/A	0.54	N/A	N/A	>200	>200	>200	\checkmark	0.65	38.8	28.6	\checkmark
1L2	N/A	N/A	N/A	0.48	N/A	N/A	>200	>200	>200	\checkmark	0.59	39.1	28.5	\checkmark
1L3	N/A	N/A	N/A	0.51	N/A	N/A	>200	>200	>200	\checkmark	0.62	37.9	28.5	\checkmark
2L1	N/A	N/A	N/A	0.49	N/A	N/A	>200	>200	>200	\checkmark	0.60	38.6	28.3	\checkmark
2L2	N/A	N/A	N/A	0.61	N/A	N/A	>200	>200	>200	\checkmark	0.72	39.4	27.8	\checkmark
2L3	N/A	N/A	N/A	0.64	N/A	N/A	>200	>200	>200	\checkmark	0.75	38.4	28.5	\checkmark
3L1	N/A	N/A	N/A	0.23	N/A	N/A	>200	>200	>200	\checkmark	0.34	38.4	28.5	\checkmark
3L2	N/A	N/A	N/A	0.54	N/A	N/A	>200	>200	>200	\checkmark	0.65	38.4	28.4	\checkmark
3L3	N/A	N/A	N/A	0.60	N/A	N/A	>200	>200	>200	\checkmark	0.71	38.8	28.5	\checkmark
4L1	N/A	N/A	N/A	0.85	N/A	N/A	>200	>200	>200	\checkmark	0.97	39.1	28.6	\checkmark
4L2	N/A	N/A	N/A	0.74	N/A	N/A	>200	>200	>200	\checkmark	0.85	37.9	28.0	\checkmark
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN <small>(CAPITALS)</small>	Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*
Location of distribution board: <input type="text" value="First Floor Common Room Store"/> Distribution board designation: <input type="text" value="DB/LL1/P"/>	Supply to distribution board is from: <input type="text" value="DB/LL1 [2TP]"/> No of phases: <input type="text" value="3"/> Nominal voltage: <input type="text" value="400"/> V Overcurrent protective device for the distribution circuit: <input type="text" value="Not Applicable"/> Associated RCD (if any): BS (EN) Type: BS (EN) <input type="text" value="60947-2"/> Rating: <input type="text" value="63"/> A RCD No of poles: <input type="text" value="N/A"/> I _{Δn} <input type="text" value="N/A"/> mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Ground Floor IT Hub Sockets	A	E	3	2.5	1.5	0.4	61009	C	32	10	30	0.73	
1L2	Cleaners Sockets First Floor	A	E	5	2.5	1.5	0.4	61009	C	32	10	30	0.73	
1L3	Cleaners Sockets Second Floor	A	E	5	2.5	1.5	0.4	61009	C	32	10	30	0.73	
2L1	Ground Floor Main Door Access	A	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88	
2L2	First Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44	
2L3	Second Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44	
3L1	Ground Floor IT Hub Commando Outlet	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88	
3L2	First Floor Door Access PSU	A	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88	
3L3	Second Floor Door Access PSU	A	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88	
4L1	Ground Floor IT Hub Commando Outlet	A	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88	
4L2	Door Access Booster Room	A	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88	
4L3	SPARE													
5L1	Ground Floor IT Hub Commando Outlet	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88	
5L2	SPARE													
5L3	SPARE													
6L1	IT Hub Tubular Heaters	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88	
6L2	SPARE													
6L3	SPARE													
7L1	Intercom Unit	A	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88	
7L2	SPARE													
7L3	SPARE													
8L1	Ground Floor Booster Room Sockets	A	E	3	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8L2	SPARE													
8L3	SPARE													

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

Original (To the person ordering the work)

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p><small>* See note below</small></p> <p> Z_s <input type="text" value="0.11"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms <small>At $5I_{\Delta n}$ (if applicable)</small> <input type="text" value="N/A"/> ms </p> <p> I_{pf} <input type="text" value="3.3"/> kA </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	0.36	0.36	0.47	0.33	N/A	N/A	>200	>200	>200	\checkmark	0.44	39.0	28.6	\checkmark
1L2	0.67	0.67	0.94	0.39	N/A	N/A	>200	>200	>200	\checkmark	0.48	38.4	29.0	\checkmark
1L3	0.73	0.73	0.90	0.41	N/A	N/A	>200	>200	>200	\checkmark	0.50	38.8	27.9	\checkmark
2L1	N/A	N/A	N/A	0.27	N/A	N/A	>200	>200	>200	\checkmark	0.38	N/A	N/A	
2L2	N/A	N/A	N/A	0.18	N/A	N/A	>200	>200	>200	\checkmark	0.28	N/A	N/A	
2L3	N/A	N/A	N/A	0.20	N/A	N/A	>200	>200	>200	\checkmark	0.31	N/A	N/A	
3L1	N/A	N/A	N/A	0.31	N/A	N/A	>200	>200	>200	\checkmark	0.41	N/A	N/A	
3L2	N/A	N/A	N/A	0.23	N/A	N/A	>200	>200	>200	\checkmark	0.34	N/A	N/A	
3L3	N/A	N/A	N/A	0.27	N/A	N/A	>200	>200	>200	\checkmark	0.37	N/A	N/A	
4L1	N/A	N/A	N/A	0.31	N/A	N/A	>200	>200	>200	\checkmark	0.41	N/A	N/A	
4L2	N/A	N/A	N/A	0.39	N/A	N/A	>200	>200	>200	\checkmark	0.50	N/A	N/A	
4L3														
5L1	N/A	N/A	N/A	0.30	N/A	N/A	>200	>200	>200	\checkmark	0.42	N/A	N/A	
5L2														
5L3														
6L1	N/A	N/A	N/A	0.25	N/A	N/A	>200	>200	>200	\checkmark	0.35	N/A	N/A	
6L2														
6L3														
7L1	N/A	N/A	N/A	0.28	N/A	N/A	>200	>200	>200	\checkmark	0.39	N/A	N/A	
7L2														
7L3														
8L1	0.71	0.71	1.14	0.43	N/A	N/A	>200	>200	>200	\checkmark	0.52	38.4	28.6	\checkmark
8L2														
8L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: First Floor Common Room Distribution board designation: DB/CL1	Supply to distribution board is from: Rising Busbar No2 [2L1] Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 63 A RCD No of poles: N/A BS (EN)	No of phases: 1 Nominal voltage: 230 V Associated RCD (if any): BS (EN) Not Applicable I _{Δn} N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Common Room Lighting	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Bedroom Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Bedroom Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
4	SPARE													
5	SPARE													
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	6	0.4	61009	B	32	10	30	1.44	
9	SPARE													
10	Bedroom Ring Main 1	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 2	A	E	9	2.5	1	0.4	61009	B	32	10	30	1.44	
12	SPARE													
13	SPARE													
14	SPARE													
15	SPARE													
16	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf} kA At $5I_{\Delta n}$ (if applicable) ms

Test instruments (serial numbers) used:

Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>
Insulation resistance	<input type="text"/>	Multi-function	090409/9887
Continuity	<input type="text"/>	Other	<input type="text"/>

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.38	N/A	N/A	>200	>200	>200	\checkmark	0.43	38.5	28.2	\checkmark
2	N/A	N/A	N/A	0.85	N/A	N/A	>200	>200	>200	\checkmark	0.96	38.1	28.0	\checkmark
3	N/A	N/A	N/A	0.87	N/A	N/A	>200	>200	>200	\checkmark	0.98	38.3	28.4	\checkmark
4														
5														
6	0.36	0.36	0.47	0.17	N/A	N/A	>200	>200	>200	\checkmark	0.28	39.0	28.3	\checkmark
7	0.34	0.34	0.44	0.21	N/A	N/A	>200	>200	>200	\checkmark	0.32	38.1	28.1	\checkmark
8	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	\checkmark	0.18	38.4	28.4	\checkmark
9														
10	0.50	0.50	0.62	0.37	N/A	N/A	>200	>200	>200	\checkmark	0.48	38.1	27.9	\checkmark
11	0.45	0.45	0.57	0.31	N/A	N/A	>200	>200	>200	\checkmark	0.42	38.0	28.4	\checkmark
12														
13														
14														
15														
16														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN	Date of testing: 07/09/2015

Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: First Floor Common Room Store Distribution board designation: DB/CL2	Supply to distribution board is from: Rising Busbar No2 [3L2] Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2 Rating: 63 A	No of phases: 1 Nominal voltage: 230 V Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Common Room Lighting	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Bedroom Lighting	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Bedroom Lighting	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
4	Bedroom Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
5	Bedroom Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	6	0.4	61009	B	32	10	30	1.44	
9	Common Room Cooker 2	A	E	1	10	6	0.4	61009	B	32	10	30	1.44	
10	Bedroom Ring Main 1	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 2	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
12	Bedroom Ring Main 3	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
13	Bedroom Ring Main 4	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													
18	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p><small>* See note below</small></p> <p> Z_s <input type="text" value="0.11"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms I_{pf} <input type="text" value="1.78"/> kA At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.32	N/A	N/A	>200	>200	>200	\checkmark	0.43	38.0	28.1	\checkmark
2	N/A	N/A	N/A	0.86	N/A	N/A	>200	>200	>200	\checkmark	0.97	28.4	28.0	\checkmark
3	N/A	N/A	N/A	0.92	N/A	N/A	>200	>200	>200	\checkmark	1.04	38.1	28.4	\checkmark
4	N/A	N/A	N/A	0.89	N/A	N/A	>200	>200	>200	\checkmark	1.02	38.4	27.7	\checkmark
5	N/A	N/A	N/A	0.82	N/A	N/A	>200	>200	>200	\checkmark	0.93	39.1	28.6	\checkmark
6	0.37	0.37	0.50	0.23	N/A	N/A	>200	>200	>200	\checkmark	0.34	38.7	29.0	\checkmark
7	0.32	0.32	0.43	0.19	N/A	N/A	>200	>200	>200	\checkmark	0.29	39.2	28.1	\checkmark
8	N/A	N/A	N/A	0.13	N/A	N/A	>200	>200	>200	\checkmark	0.24	38.1	28.2	\checkmark
9	N/A	N/A	N/A	0.13	N/A	N/A	>200	>200	>200	\checkmark	0.24	38.1	28.1	\checkmark
10	0.43	0.43	0.73	0.44	N/A	N/A	>200	>200	>200	\checkmark	0.52	39.3	29.0	\checkmark
11	0.54	0.54	0.70	0.38	N/A	N/A	>200	>200	>200	\checkmark	0.47	38.4	28.4	\checkmark
12	0.40	0.40	0.60	0.38	N/A	N/A	>200	>200	>200	\checkmark	0.43	38.1	28.6	\checkmark
13	0.51	0.51	0.58	0.35	N/A	N/A	>200	>200	>200	\checkmark	0.57	38.4	29.0	\checkmark
14														
15														
16														
17														
18														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY Signature: <u>J.L. Scriven</u>	Position: <u>Approved Electrician</u>
Name: <u>JUSTIN SCRIVEN</u> <small>(CAPITALS)</small>	Date of testing: <u>07/09/2015</u>

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Second Floor Common Room	Supply to distribution board is from: Rising Busbar No2 [4L3]	No of phases: 1 Nominal voltage: 230 V
Distribution board designation: DB/CL5	Overcurrent protective device for the distribution circuit:	Associated RCD (if any): BS (EN) Not Applicable
	Type: BS (EN) 60947-2 Rating: 63 A	RCD No of poles: N/A I _{Δn} N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Common Room Lighting	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Bedroom Lighting	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Bedroom Lighting	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
4	SPARE													
5	SPARE													
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	6	0.4	61009	B	32	10	30	1.44	
9	Bedroom Ring Main 1	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
10	Bedroom Ring Main 2	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	SPARE													
12	SPARE													
13	SPARE													
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													

Original (To the person ordering the work)

Check your certificate is genuine, go to www.heckmyniceiccert.com and put in the certificate number

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p><small>* See note below</small></p> <p> Z_s^* <input type="text" value="0.13"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms I_{pf} <input type="text" value="1.84"/> kA At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.13	N/A	N/A	>200	>200	>200	\checkmark	0.26	38.5	28.2	\checkmark
2	N/A	N/A	N/A	0.88	N/A	N/A	>200	>200	>200	\checkmark	1.01	37.9	28.5	\checkmark
3	N/A	N/A	N/A	0.84	N/A	N/A	>200	>200	>200	\checkmark	0.97	38.4	28.1	\checkmark
4														
5														
6	0.34	0.34	0.49	0.20	N/A	N/A	200	200	200	\checkmark	0.33	38.3	28.4	\checkmark
7	0.38	0.38	0.56	0.23	N/A	N/A	>200	>200	>200	\checkmark	0.39	38.1	27.9	\checkmark
8	N/A	N/A	N/A	0.08	N/A	N/A	>200	>200	>200	\checkmark	0.21	38.0	28.4	\checkmark
9	0.42	0.42	0.65	0.29	N/A	N/A	>200	>200	>200	\checkmark	0.45	38.4	28.6	\checkmark
10	0.46	0.46	0.60	0.38	N/A	N/A	>200	>200	>200	\checkmark	0.44	38.0	28.1	\checkmark
11														
12														
13														
14														
15														
16														
17														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <u>J.L. Scriven</u>	Position: Approved Electrician
Name: (CAPITALS) <u>JUSTIN SCRIVEN</u>	Date of testing: <u>07/09/2015</u>

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Second Floor Common Room Store	Supply to distribution board is from: Rising Busbar No2 [5L1]	No of phases: 1 Nominal voltage: 230 V
Distribution board designation: DB/CL6	Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2 Rating: 63 A	Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A I _{Δn} N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)	
								Type	Rating (A)	Short-circuit capacity (kA)			
1	Common Room Lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3
2	Bedroom Lighting	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
3	Bedroom Lighting	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
4	Bedroom Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
5	Bedroom Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44
9	Common Room Cooker 2	A	E	1	10	4	0.4	61009	B	32	10	30	1.44
10	Bedroom Ring Main 1	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44
11	Bedroom Ring Main 2	A	E	9	2.5	1	0.4	61009	B	32	10	30	1.44
12	Bedroom Ring Main 3	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44
13	Bedroom Ring Main 4	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	SPARE												

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p> <small>* See note below</small> Z_s <input type="text" value="0.14"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms I_{pf} <input type="text" value="1.62"/> kA At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/98887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/98887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/98887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.19	N/A	N/A	>200	>200	>200	\checkmark	0.36	39.0	28.8	\checkmark
2	N/A	N/A	N/A	0.30	N/A	N/A	>200	>200	>200	\checkmark	0.44	39.1	28.8	\checkmark
3	N/A	N/A	N/A	0.49	N/A	N/A	>200	>200	>200	\checkmark	0.63	39.1	28.8	\checkmark
4	N/A	N/A	N/A	0.62	N/A	N/A	>200	>200	>200	\checkmark	0.76	39.0	29.1	\checkmark
5	N/A	N/A	N/A	0.46	N/A	N/A	>200	>200	>200	\checkmark	0.62	39.2	29.0	\checkmark
6	0.40	0.40	0.61	0.23	N/A	N/A	>200	>200	>200	\checkmark	0.36	39.1	29.1	\checkmark
7	0.33	0.33	0.51	0.17	N/A	N/A	>200	>200	>200	\checkmark	0.23	39.0	29.1	\checkmark
8	N/A	N/A	N/A	0.06	N/A	N/A	>200	>200	>200	\checkmark	0.19	39.0	29.1	\checkmark
9	N/A	N/A	N/A	0.06	N/A	N/A	>200	>200	>200	\checkmark	0.20	39.1	29.0	\checkmark
10	0.36	0.36	0.43	0.49	N/A	N/A	>200	>200	>200	\checkmark	0.65	39.0	29.1	\checkmark
11	0.46	0.46	0.51	0.49	N/A	N/A	>200	>200	>200	\checkmark	0.56	39.0	29.1	\checkmark
12	0.50	0.50	0.71	0.37	N/A	N/A	>200	>200	>200	\checkmark	0.57	39.0	28.9	\checkmark
13	0.40	0.40	0.60	0.50	N/A	N/A	>200	>200	>200	\checkmark	0.68	39.1	28.9	\checkmark
14														
15														
16														
17														
18														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

Signature: <u>J.L. Scriven</u>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 07/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*		
Location of distribution board: Third Floor Common Room Store	Supply to distribution board is from: Rising Busbar No2 [6TP]	No of phases: 3	Nominal voltage: 400 V
Distribution board designation: DB/LL3	Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2	Associated RCD (if any): BS (EN) Not Applicable	RCD No of poles: N/A
	Rating: 63 A	$I_{\Delta n}$ N/A	mA

CIRCUIT DETAILS													
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)	
								Type	Rating (A)	Short-circuit capacity (kA)			
1TP	DB/LL3/L	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
2TP	DB/LL3/P	G	E	1	25	16	5	60947-2		63	36	N/A	0.38

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p>Characteristics at this distribution board</p> <p><input checked="" type="checkbox"/> Confirmation of supply polarity</p> <p>★ See note below</p> <p>Z_s <input type="text" value="0.15"/> Ω Operating times of associated RCD (if any) At I_{Δn} <input type="text" value="N/A"/> ms</p> <p>I_{pf} <input type="text" value="3.0"/> kA At 5I_{Δn} (if applicable) <input type="text" value="N/A"/> ms</p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%;"> <tr> <td style="width: 33%;">Earth fault loop impedance</td> <td style="width: 33%;"><input type="text"/></td> <td style="width: 33%;">RCD</td> <td><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <i>Record lower or lowest value</i>				Polarity (✓)	Maximum measured earth fault loop impedance, Z _s ★ (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)			Operating times		Test button operation (✓)
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	R ₂							at I _{Δn} (ms)	at 5I _{Δn} (if applicable) (ms)	
1TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	✓	0.15	N/A	N/A	
2TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	✓	0.15	N/A	N/A	

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <u>J. L. Scriven</u>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Third Floor Common Room Store	Supply to distribution board is from: DB/LL3 [1TP]	No of phases: 3 Nominal voltage: 400 V
Distribution board designation: DB/LL3/L	Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 63 A	Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A I _{Δn} N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Third Floor Stair Lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3	
1L2	Fourth Floor Stair Lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3	
1L3	SPARE													
2L1	Third Floor Circulation Lighting	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2L2	Fourth Floor Circulation Lighting	A	E	8	2.5	1.5	0.4	61009	C	10	10	30	2.3	
2L3	SPARE													
3L1	Third Floor Circulation Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
3L2	Fourth Floor Circulation Lighting	A	E	10	2.5	1.5	0.4	61009	C	10	10	30	2.3	
3L3	SPARE													
4L1	SPARE													
4L2	SPARE													
4L3	SPARE													
5L1	SPARE													
5L2	SPARE													
5L3	SPARE													
6L1	SPARE													
6L2	SPARE													
6L3	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p><input checked="" type="checkbox"/> Confirmation of supply polarity</p> <p><small>* See note below</small></p> <table style="width: 100%;"> <tr> <td style="width: 15%;">Z_s</td> <td style="width: 15%;">0.15</td> <td style="width: 15%;">Ω</td> <td style="width: 15%;">Operating times of associated RCD (if any)</td> <td style="width: 15%;">At $I_{\Delta n}$</td> <td style="width: 15%;">N/A</td> <td style="width: 15%;">ms</td> </tr> <tr> <td>I_{pf}</td> <td>3.0</td> <td>kA</td> <td></td> <td>At $5I_{\Delta n}$ (if applicable)</td> <td>N/A</td> <td>ms</td> </tr> </table>	Z_s	0.15	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms	I_{pf}	3.0	kA		At $5I_{\Delta n}$ (if applicable)	N/A	ms	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"></td> </tr> <tr> <td>Insulation resistance</td> <td></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td></td> <td>Other</td> <td></td> </tr> </table>	Earth fault loop impedance		RCD		Insulation resistance		Multi-function	090409/9887	Continuity		Other	
Z_s	0.15	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms																					
I_{pf}	3.0	kA		At $5I_{\Delta n}$ (if applicable)	N/A	ms																					
Earth fault loop impedance		RCD																									
Insulation resistance		Multi-function	090409/9887																								
Continuity		Other																									

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits <small>(At least one column to be completed)</small>		Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	N/A	N/A	N/A	0.44	N/A	N/A	>200	>200	>200	✓	0.55	38.1	28.6	✓
1L2	N/A	N/A	N/A	0.49	N/A	N/A	>200	>200	>200	✓	0.0	38.1	29.2	✓
1L3														
2L1	N/A	N/A	N/A	0.29	N/A	N/A	>200	>200	>200	✓	0.44	38.31	29.3	✓
2L2	N/A	N/A	N/A	0.74	N/A	N/A	>200	>200	>200	✓	0.89	38.9	29.2	✓
2L3														
3L1	N/A	N/A	N/A	0.22	N/A	N/A	>200	>200	>200	✓	0.29	38.0	29.1	✓
3L2	N/A	N/A	N/A	0.67	N/A	N/A	>200	>200	>200	✓	0.82	38.1	28.1	✓
3L3														
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN <small>(CAPITALS)</small>	Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: <div style="border: 1px solid black; padding: 2px; width: 150px; margin: 5px 0;">Third Floor Common Room Store</div>	Supply to distribution board is from: DB/LL3 [2TP]	No of phases: 3 Nominal voltage: 400 V
Distribution board designation: DB/LL3/P	Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2 Rating: 63 A	Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A I _{Δn} : N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Cleaners Sockets Third Floor	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
1L2	Cleaners Sockets Fourth Floor	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
1L3	SPARE													
2L1	Smoke Shaft AOD Third Floor	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44	
2L2	Smoke Shaft AOD Fourth Floor	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44	
2L3	SPARE													
3L1	SPARE													
3L2	Foerth Floor Head of Staircore AOV	O	E	1	2.5	2.5	0.4	60898	C	10	10	N/A	2.3	
3L3	SPARE													
4L1	SPARE													
4L2	SPARE													
4L3	SPARE													
5L1	SPARE													
5L2	SPARE													
5L3	SPARE													
6L1	SPARE													
6L2	SPARE													
6L3	SPARE													
7L1	SPARE													
7L2	SPARE													
7L3	SPARE													
8L1	SPARE													
8L2	SPARE													
8L3	SPARE													

Original (To the person ordering the work)

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↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	FP200/Firetuff

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p><small>* See note below</small></p> <p> Z_s^* 0.15 Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ N/A ms At $5I_{\Delta n}$ (if applicable) N/A ms </p> <p> I_{pf}^* 3.0 kA </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"></td> </tr> <tr> <td>Insulation resistance</td> <td></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td></td> <td>Other</td> <td></td> </tr> </table>	Earth fault loop impedance		RCD		Insulation resistance		Multi-function	090409/9887	Continuity		Other	
Earth fault loop impedance		RCD											
Insulation resistance		Multi-function	090409/9887										
Continuity		Other											

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(M Ω)	(M Ω)	(M Ω)	(M Ω)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	0.67	0.67	0.99	0.34	N/A	N/A	>200	>200	>200	\checkmark	0.45	39.1	29.0	\checkmark
1L2	0.70	0.70	0.87	0.39	N/A	N/A	>200	>200	>200	\checkmark	0.50	38.2	28.9	\checkmark
1L3														
2L1	N/A	N/A	N/A	0.37	N/A	N/A	>200	>200	>200	\checkmark	0.52	N/A	N/A	
2L2	N/A	N/A	N/A	0.27	N/A	N/A	>200	>200	>200	\checkmark	0.42	N/A	N/A	
2L3														
3L1														
3L2	N/A	N/A	N/A	0.12	N/A	N/A	>200	>200	>200	\checkmark	0.27	N/A	N/A	
3L3														
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														
7L1														
7L2														
7L3														
8L1														
8L2														
8L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: <div style="border: 1px solid black; padding: 2px; display: inline-block;">Third Floor Common Room</div>	Supply to distribution board is from: <div style="border: 1px solid black; padding: 2px; display: inline-block;">Rising Busbar No2 [7L2]</div>	No of phases: 1 Nominal voltage: 230 V
Distribution board designation: <div style="border: 1px solid black; padding: 2px; display: inline-block;">DB/CL9</div>	Overcurrent protective device for the distribution circuit: Type: BS (EN) <div style="border: 1px solid black; padding: 2px; display: inline-block;">60947-2</div> Rating: 63 A	Associated RCD (if any): BS (EN) <div style="border: 1px solid black; padding: 2px; display: inline-block;">Not Applicable</div> RCD No of poles: N/A I _{Δn} N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Lighting Common Room	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Lighting Standard Room	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Lighting standard Room	A	E	15	1.5	1	0.4	60898	C	10	10	30	2.3	
4	SPARE													
5	SPARE												2.3	
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
9	Bedroom Ring Main 1	A	E	9	2.5	1.5	0.4	61009	B	32	10	30	1.44	
10	Bedroom Ring Main 2	A	E	9	2.5	1	0.4	61009	B	32	10	30	1.44	
11	SPARE													
12	SPARE													
13	SPARE													
14	SPARE													
15	SPARE													

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

Original (To the person ordering the work)

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Characteristics at this distribution board			
<input checked="" type="checkbox"/>	Confirmation of supply polarity		
<small>* See note below</small>			
Z_s^*	0.14	Ω	Operating times of associated RCD (if any) At $I_{\Delta n}$ N/A ms
I_{pf}^*	1.78	kA	At $5I_{\Delta n}$ (if applicable) N/A ms

Test instruments (serial numbers) used:			
Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.11	N/A	N/A	>200	>200	>200	✓	0.34	38.0	27.8	✓
2	N/A	N/A	N/A	0.79	N/A	N/A	>200	>200	>200	✓	0.87	38.2	28.0	✓
3	N/A	N/A	N/A	0.83	N/A	N/A	>200	>200	>200	✓	0.89	38.4	28.5	✓
4														
5														
6	0.29	0.29	0.34	0.21	N/A	N/A	>200	>200	>200	✓	0.35	38.0	28.3	✓
7	0.19	0.19	0.28	0.21	N/A	N/A	>200	>200	>200	✓	0.35	38.5	28.0	✓
8	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	✓	0.19	37.9	28.6	✓
9	0.43	0.43	0.69	0.46	N/A	N/A	>200	>200	>200	✓	0.53	38.6	29.0	✓
10	0.40	0.40	0.48	0.40	N/A	N/A	>200	>200	>200	✓	0.52	39.0	28.5	✓
11														
12														
13														
14														
15														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Third Floor Common Room Store	Supply to distribution board is from: Rising Busbar No2 [8L3]	No of phases: 1 Nominal voltage: 230 V
Distribution board designation: DB/CL10	Overcurrent protective device for the distribution circuit:	Associated RCD (if any): BS (EN) Not Applicable
	Type: BS (EN) 60947-2 Rating: 63 A	RCD No of poles: N/A I _{Δn} N/A mA

CIRCUIT DETAILS														
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Lighting Common Room	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Lighting Standard Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Lighting standard Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
4	Lighting Standard Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
5	Lighting Standard Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
9	Common Room Cooker 2	A	E	3	10	4	0.4	61009	B	32	10	30	1.44	
10	Bedroom Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 2	A	E	6	2.5	1	0.4	61009	B	32	10	30	1.44	
12	Bedroom Ring Main 3	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
13	Bedroom Ring Main 4	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													
18	SPARE													

Original (To the person ordering the work)

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p> <small>* See note below</small> Z_s^* 0.11 Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ N/A ms I_{pf}^* 2.0 kA At $5I_{\Delta n}$ (if applicable) N/A ms </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%; border: 1px solid black;"></td> <td style="width: 10%;">RCD</td> <td style="width: 30%; border: 1px solid black;"></td> </tr> <tr> <td>Insulation resistance</td> <td style="border: 1px solid black;"></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td style="border: 1px solid black;"></td> <td>Other</td> <td style="border: 1px solid black;"></td> </tr> </table>	Earth fault loop impedance		RCD		Insulation resistance		Multi-function	090409/9887	Continuity		Other	
Earth fault loop impedance		RCD											
Insulation resistance		Multi-function	090409/9887										
Continuity		Other											

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.27	N/A	N/A	>200	>200	>200	\checkmark	0.38	38.0	28.6	\checkmark
2	N/A	N/A	N/A	0.92	N/A	N/A	>200	>200	>200	\checkmark	1.03	38.5	28.4	\checkmark
3	N/A	N/A	N/A	0.92	N/A	N/A	>200	>200	>200	\checkmark	1.04	38.6	27.9	\checkmark
4	N/A	N/A	N/A	0.97	N/A	N/A	>200	>200	>200	\checkmark	1.09	38.6	27.9	\checkmark
5	N/A	N/A	N/A	0.93	N/A	N/A	>200	>200	>200	\checkmark	1.04	39.0	28.6	\checkmark
6	0.36	0.36	0.49	0.24	N/A	N/A	>200	>200	>200	\checkmark	0.35	38.3	29.0	\checkmark
7	0.30	0.30	0.41	0.18	N/A	N/A	>200	>200	>200	\checkmark	0.28	37.7	28.4	\checkmark
8	N/A	N/A	N/A	0.13	N/A	N/A	>200	>200	>200	\checkmark	0.24	38.6	28.3	\checkmark
9	N/A	N/A	N/A	0.12	N/A	N/A	>200	>200	>200	\checkmark	0.23	39.1	29.3	\checkmark
10	0.35	0.35	0.43	0.55	N/A	N/A	>200	>200	>200	\checkmark	0.66	38.3	28.6	\checkmark
11	0.50	0.50	0.68	0.49	N/A	N/A	>200	>200	>200	\checkmark	0.60	38.6	29.1	\checkmark
12	0.35	0.35	0.52	0.40	N/A	N/A	>200	>200	>200	\checkmark	0.51	38.4	28.8	\checkmark
13	0.42	0.42	0.69	0.40	N/A	N/A	>200	>200	>200	\checkmark	0.56	39.2	28.7	\checkmark
14														
15														
16														
17														
18														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY Signature: <u>J.L. Scriven</u>	Position: <u>Approved Electrician</u>
Name: <u>JUSTIN SCRIVEN</u> <small>(CAPITALS)</small>	Date of testing: <u>14/09/2015</u>

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Fourth Floor Common Room Store Distribution board designation: DB/CL13	Supply to distribution board is from: Rising Busbar No2 [9L1] Overcurrent protective device for the distribution circuit: Type: BS (EN) 60947-2 Rating: 63 A	No of phases: 1 Nominal voltage: 230 V Associated RCD (if any): BS (EN) Not Applicable RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1	Lighting Common Room	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3	
2	Lighting Standard Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
3	Lighting standard Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
4	Lighting Standard Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
5	Lighting Standard Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3	
6	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
7	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44	
8	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44	
9	Common Room Cooker 2	A	E	3	10	4	0.4	61009	B	32	10	30	1.44	
10	Bedroom Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
11	Bedroom Ring Main 2	A	E	6	2.5	1	0.4	61009	B	32	10	30	1.44	
12	Bedroom Ring Main 3	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
13	Bedroom Ring Main 4	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44	
14	SPARE													
15	SPARE													
16	SPARE													
17	SPARE													
18	SPARE													

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

**See next page for
Schedule of Test Results**

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p><small>* See note below</small></p> <p> Z_s <input type="text" value="0.13"/> Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ <input type="text" value="N/A"/> ms I_{pf} <input type="text" value="2.0"/> kA At $5I_{\Delta n}$ (if applicable) <input type="text" value="N/A"/> ms </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"><input type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"><input type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input type="text"/></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td><input type="text"/></td> <td>Other</td> <td><input type="text"/></td> </tr> </table>	Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>	Insulation resistance	<input type="text"/>	Multi-function	090409/9887	Continuity	<input type="text"/>	Other	<input type="text"/>
Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>										
Insulation resistance	<input type="text"/>	Multi-function	090409/9887										
Continuity	<input type="text"/>	Other	<input type="text"/>										

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.22	N/A	N/A	>200	>200	>200	\checkmark	0.34	38.3	28.8	\checkmark
2	N/A	N/A	N/A	0.65	N/A	N/A	>200	>200	>200	\checkmark	0.70	38.1	28.6	\checkmark
3	N/A	N/A	N/A	0.79	N/A	N/A	>200	>200	>200	\checkmark	0.91	38.0	28.2	\checkmark
4	N/A	N/A	N/A	0.97	N/A	N/A	>200	>200	>200	\checkmark	1.02	37.9	28.0	\checkmark
5	N/A	N/A	N/A	0.99	N/A	N/A	>200	>200	>200	\checkmark	1.07	39.1	27.8	\checkmark
6	0.24	0.24	0.32	0.29	N/A	N/A	>200	>200	>200	\checkmark	0.43	38.5	29.0	\checkmark
7	0.32	0.32	0.56	0.30	N/A	N/A	>200	>200	>200	\checkmark	0.42	37.7	28.4	\checkmark
8	N/A	N/A	N/A	0.13	N/A	N/A	>200	>200	>200	\checkmark	0.19	38.6	29.0	\checkmark
9	N/A	N/A	N/A	0.13	N/A	N/A	>200	>200	>200	\checkmark	0.20	39.0	28.4	\checkmark
10	0.29	0.29	0.34	0.22	N/A	N/A	>200	>200	>200	\checkmark	0.36	39.3	28.6	\checkmark
11	0.44	0.44	0.50	0.28	N/A	N/A	>200	>200	>200	\checkmark	0.51	37.8	28.8	\checkmark
12	0.57	0.57	0.67	0.31	N/A	N/A	>200	>200	>200	\checkmark	0.45	38.1	29.0	\checkmark
13	0.54	0.54	0.64	0.33	N/A	N/A	>200	>200	>200	\checkmark	0.45	38.4	28.3	\checkmark
14														
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16														
17														
18														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN	Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*		
Location of distribution board: <div style="border: 1px solid black; padding: 2px; width: 150px; margin-left: 20px;">Plant Room</div>	Supply to distribution board is from: <div style="border: 1px solid black; padding: 2px; width: 200px; margin-left: 20px;">Rising Busbar No2 [11TP]</div>	No of phases: 3	Nominal voltage: 400 V
Distribution board designation: <div style="border: 1px solid black; padding: 2px; width: 100px; margin-left: 20px;">DB/PL1</div>	Overcurrent protective device for the distribution circuit: Type: BS (EN) <div style="border: 1px solid black; padding: 2px; width: 100px; margin-left: 20px;">60947-2</div> Rating: 63 A	Associated RCD (if any): BS (EN) Not Applicable	RCD No of poles: N/A I _{Δn} : N/A mA

CIRCUIT DETAILS													
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)	
								Type	Rating (A)	Short-circuit capacity (kA)			
1TP	DB/PL1/L	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
2TP	DB/PL1/P	G	E	1	25	16	5	60947-2		63	36	N/A	0.38

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s^* Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf}^* kA At $5I_{\Delta n}$ (if applicable) ms

Test instruments (serial numbers) used:

Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>
Insulation resistance	<input type="text"/>	Multi-function	09409/9887
Continuity	<input type="text"/>	Other	<input type="text"/>

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <i>Record lower or lowest value</i>				Polarity (<input checked="" type="checkbox"/>)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (<input checked="" type="checkbox"/>)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	<input checked="" type="checkbox"/>	0.11	N/A	N/A	
2TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	<input checked="" type="checkbox"/>	0.11	N/A	N/A	

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <u>J. L. Scriven</u>	Position: <u>Approved Electrician</u>
Name: <u>JUSTIN SCRIVEN</u> (CAPITALS)	Date of testing: <u>14/09/2015</u>

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*	
Location of distribution board: Plant Room	Supply to distribution board is from: DB/PL1 [1TP]	No of phases: 3 Nominal voltage: 400 V
Distribution board designation: DB/PL1/L	Overcurrent protective device for the distribution circuit: Associated RCD (if any): BS (EN) Not Applicable	
	Type: 60947-2 Rating: 63 A	RCD No of poles: N/A I _{Δn} : N/A mA

Original (To the person ordering the work)

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Plant Room Lighting	A	E	4	2.5	1.5	0.4	61009	C	10	10	30	2.3	
1L2	SPARE													
1L3	Plant Room Stair Lighting	A	E	4	1.5	1	0.4	61009	C	10	10	30	2.3	
2L1	SPARE													
2L2	SPARE													
2L3	Plant Room Access Lighting	A	E	2	1.5	1	0.4	61009	C	10	10	30	2.3	
3L1	SPARE													
3L2	SPARE													
3L3	SPARE													
4L1	SPARE													
4L2	SPARE													
4L3	SPARE													
5L1	SPARE													
5L2	SPARE													
5L3	SPARE													
6L1	SPARE													
6L2	SPARE													
6L3	SPARE													
7L1	SPARE													
7L2	SPARE													
7L3	SPARE													
8L1	SPARE													
8L2	SPARE													
8L3	SPARE													

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s^* Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf}^* kA At $5I_{\Delta n}$ (if applicable) ms

Test instruments (serial numbers) used:

Earth fault loop impedance	<input type="text"/>	RCD	<input type="text"/>
Insulation resistance	<input type="text"/>	Multi-function	090409/9887
Continuity	<input type="text"/>	Other	<input type="text"/>

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2	($M\Omega$)	($M\Omega$)	($M\Omega$)	($M\Omega$)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	N/A	N/A	N/A	0.56	N/A	N/A	>200	>200	>200	\checkmark	0.66	38.4	28.1	\checkmark
1L2														
1L3	N/A	N/A	N/A	0.49	N/A	N/A	>200	>200	>200	\checkmark	0.60	38.0	28.1	\checkmark
2L1														
2L2														
2L3	N/A	N/A	N/A	0.67	N/A	N/A	>200	>200	>200	\checkmark	0.78	38.5	28.6	\checkmark
3L1														
3L2														
3L3														
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														
7L1														
7L2														
7L3														
8L1														
8L2														
8L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*
Location of distribution board: Plant Room Distribution board designation: DB/PL1/P	Supply to distribution board is from: DB/PL1 [2TP] No of phases: 3 Nominal voltage: 400 V Overcurrent protective device for the distribution circuit: Associated RCD (if any): BS (EN) Not Applicable Type: 60947-2 Rating: 63 A RCD No of poles: N/A $I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)		
								Type	Rating (A)	Short-circuit capacity (kA)				
1L1	Plant Room Ring Main	A	E	3	2.5	1.5	0.4	61009	B	32	10	30	1.44	
1L2	Head of Shaft AOV	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44	
1L3	Plant Room Tubular Heater	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88	
2TP	Roof Extract Fan 1	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
3TP	Roof Extract Fan 2	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
4TP	Roof Extract Fan 3	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
5TP	Roof Extract Fan 4	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
6TP	Roof Extract Fan 5	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
7TP	Roof Extract Fan 6	G	E	1	2.5	2.5	0.4	60898	B	16	10	N/A	2.88	
8L1	SPARE													
8L2	SPARE													
8L3	SPARE													
9L1	SPARE													
9L2	SPARE													
9L3	SPARE													
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	FP200/Firetuff

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> Confirmation of supply polarity </p> <p><small>* See note below</small></p> <p> Z_s^* 0.11 Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ N/A ms At $5I_{\Delta n}$ (if applicable) N/A ms </p> <p> I_{pf}^* 3.3 kA </p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%;"></td> <td style="width: 10%;">RCD</td> <td style="width: 30%;"></td> </tr> <tr> <td>Insulation resistance</td> <td></td> <td>Multi-function</td> <td>090409/9887</td> </tr> <tr> <td>Continuity</td> <td></td> <td>Other</td> <td></td> </tr> </table>	Earth fault loop impedance		RCD		Insulation resistance		Multi-function	090409/9887	Continuity		Other	
Earth fault loop impedance		RCD											
Insulation resistance		Multi-function	090409/9887										
Continuity		Other											

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line (M Ω)	Line/Neutral (M Ω)	Line/Earth (M Ω)	Neutral/Earth (M Ω)			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	($R_1 + R_2$)	R_2							at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1	0.14	0.14	0.21	0.08	N/A	N/A	>200	>200	>200	\checkmark	0.19	38.1	28.3	\checkmark
1L2	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	\checkmark	0.18	N/A	N/A	
1L3	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	\checkmark	0.21	N/A	N/A	
2TP	N/A	N/A	N/A	0.54	N/A	>200	>200	>200	>200	\checkmark	0.65	N/A	N/A	
3TP	N/A	N/A	N/A	0.31	N/A	>200	>200	>200	>200	\checkmark	0.42	N/A	N/A	
4TP	N/A	N/A	N/A	0.31	N/A	>200	>200	>200	>200	\checkmark	0.42	N/A	N/A	
5TP	N/A	N/A	N/A	0.29	N/A	>200	>200	>200	>200	\checkmark	0.40	N/A	N/A	
6TP	N/A	N/A	N/A	0.49	N/A	>200	>200	>200	>200	\checkmark	0.60	N/A	N/A	
7TP	N/A	N/A	N/A	0.54	N/A	>200	>200	>200	>200	\checkmark	0.65	N/A	N/A	
8L1														
8L2														
8L3														
9L1														
9L2														
9L3														
10L1														
10L2														
10L3														
11L1														
11L2														
11L3														
12L1														
12L2														
12L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: <i>J.L. Scriven</i>	Position: Approved Electrician
Name: JUSTIN SCRIVEN <small>(CAPITALS)</small>	Date of testing: 14/09/2015

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

Original (To the person ordering the work)

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*
Location of distribution board: Plant Room Distribution board designation: DB/PL1/P	Supply to distribution board is from: DB/PL1 [2TP] No of phases: 3 Nominal voltage: 400 V Overcurrent protective device for the distribution circuit: Type: 60947-2 Rating: 63 A RCD No of poles: N/A BS (EN) Associated RCD (if any): BS (EN) Not Applicable I _{Δn} N/A mA

CIRCUIT DETAILS												
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices			RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time permitted by BS 7671 (s)	BS (EN)			Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)
								Type	Rating (A)	Short-circuit capacity (kA)		
13L1	SPARE											
13L2	SPARE											
13L3	SPARE											
14L1	SPARE											
14L2	SPARE											
14L3	SPARE											

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* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	0 (Other - please state)
Thermoplastic insulated/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	FP200/Firetuff

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Confirmation of supply polarity

* See note below

Z_s	0.11	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms
I_{pf}	3.3	kA		At $5I_{\Delta n}$ (if applicable)	N/A	ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance <i>Record lower or lowest value</i>				Polarity (\checkmark)	Maximum measured earth fault loop impedance, Z_s^* (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (\checkmark)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	($M\Omega$)	($M\Omega$)	($M\Omega$)	($M\Omega$)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
13L1														
13L2														
13L3														
14L1														
14L2														
14L3														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature:	J.L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	14/09/2015

See previous page for Schedule of Circuit Details