APPROVED CONTRACTOR

This certificate is not valid if the serial number has been defaced or altered ICN3C/ 00539494

# 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, High Street, Longbridge, Birmingham, B13 2UQ

## DETAILS OF THE INSTALLATION

The installation is: New ✔ An addition ☐ An alteration ☐

Address: Building 6 & 7, Swansea Bay Science and Innovation Campus,, Residential Buildings SA1 8QQ

Extent of the installation covered by this certificate: Building 6 & 7 fixed wiring whole installation.

## 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):

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 28/08/2015 | Name (CAPITALS) | CHRIS MORGAN | Designer 1 |
| Signature | | Date | Name (CAPITALS) | ** | 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 (date) except for the 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 **CONSTRUCTION** of the installation:

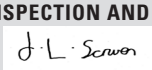
| | | | | | |
|---|---|---|---|---|---|
| Signature |  | Date 28/08/2015 | Name (CAPITALS) | STEVEN PRIDMORE | Constructor |

## 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 (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/signatories is limited to the work described above as the subject of this certificate.
For the **INSPECTION AND TESTING** of the installation:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Signature |  | Date 28/08/2015 | Name (CAPITALS) | JUSTIN SCRIVEN | Inspector | Reviewed by | |
| Signature |  | Date 27/08/2015 | Name (CAPITALS) | MALDWYN ROWE | Qualified Supervisor † | | |

## DESIGN, CONSTRUCTION, INSPECTION AND TESTING *

* This box to be completed only where the design, construction, inspection and testing have been the responsibility of one person.

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 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):

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 | | Date | Signature | | Date |
| Name (CAPITALS) | | | Name (CAPITALS) | | Qualified Supervisor †† |

Reviewed by

† *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



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

# 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).

NICEIC APPROVED CONTRACTOR

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**Original** (To the person ordering the work)

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

**DESIGN (1)**
Organisation † R D M Electrical Services Ltd
Address: Unit 6, Cambrian Court, Ferryboat Close, Postcode SA6 8PZ
NICEIC Enrolment No (where appropriate): 0 1 9 6 3 4
Branch number: (if applicable) 0 0 0

**DESIGN (2)**
Organisation † McCann and Partners Consulting Engineers
Address: Terra Nova Way, Penarth, Glamorgan, Postcode CF64 1SA
NICEIC Enrolment No (where appropriate):
Branch number: (if applicable)

**† CONSTRUCTION**
Organisation R D M Electrical Services Ltd
Address: Unit 6, Cambrian Court, Ferryboat Close, Postcode SA6 8PZ
NICEIC Enrolment No (Essential information): 0 1 9 6 3 4
Branch number: (if applicable) 0 0 0

**INSPECTION AND TESTING**
Organisation † R D M Electrical Services Ltd
Address: Unit 6, Cambrian Court, Ferryboat Close, Postcode SA6 8PZ
NICEIC Enrolment No (where appropriate): 0 1 9 6 3 4
Branch number: (if applicable) 0 0 0

## SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

**✣ System Type(s)**

| | |
|---|---|
| TN-S | N/A |
| TN-C-S | ✔ |
| TN-C | N/A |
| TT | N/A |
| IT | N/A |

**✣ Number and Type of Live Conductors**

| | | | | | |
|---|---|---|---|---|---|
| | | a.c. | ✔ | d.c. | |
| 1-phase (2-wire) | N/A | 1-phase (3-wire) | N/A | 2-pole | N/A |
| 2-phase (3-wire) | N/A | | | 3-pole | N/A |
| 3-phase (3-wire) | N/A | 3-phase (4-wire) | ✔ | other | |
| Other | Please state | | | | |

**Nature of Supply Parameters**

| | | | |
|---|---|---|---|
| Nominal voltage(s): U (1) | 400 | V | $U_o$ (1) 230 V |
| Nominal frequency, f (1) | 50 | Hz | |
| Prospective fault current, $I_{pf}$ (2)(3) | 9.8 | kA | |
| External earth fault loop impedance, $Z_e$ (2)(3) | 0.03 | Ω | |
| Number of sources | 1 | | |

*Notes:*
*(1) by enquiry*
*(2) by enquiry or by measurement*
*(3) where more than one supply, record the higher or highest values*

**✣ Characteristics of Primary Supply Overcurrent Protective Device(s)**

| | |
|---|---|
| BS(EN) | BS 88 Fuse HRC gG (General) |
| Type | gG |
| Rated current | 315 A |
| Short-circuit capacity | 33 kA |
| Confirmation of polarity | ✔ (✓) |

## PARTICULARS OF INSTALLATION AT THE ORIGIN

*Tick boxes and enter details, as appropriate*

**✣ Means of Earthing**

| | |
|---|---|
| Distributor's facility: | ✔ |
| Installation earth electrode: | N/A |

**Details of Installation Earth Electrode (where applicable)**

| | | | |
|---|---|---|---|
| Type: (eg rod(s), tape etc) | N/A | Location: | N/A |
| Electrode resistance, $R_A$: | N/A (Ω) | Method of measurement: | N/A |

**✣ Main Switch or Circuit-Breaker**
** (applicable only where an RCD is suitable and is used as a main circuit-breaker)*

| | | | | | |
|---|---|---|---|---|---|
| Type BS(EN) | BS EN 60947-2 | Voltage rating | 400 V | | |
| No of poles | 4 | Rated current, $I_n$ | 200 A | | |
| Supply conductors material | copper | RCD operating current, $I_{\Delta n}$* | N/A mA | | |
| Supply conductors csa | 150 mm² | RCD operating time (at $I_{\Delta n}$)* | N/A ms | | |

**Maximum Demand (Load):** 185 kVA / [redacted] *Delete as appropriate

**Protective measures against electric shock:** ADS

**Earthing and Protective Bonding Conductors**

| Earthing conductor | | Main protective bonding conductors | | Bonding of extraneous-conductive-parts (✓) | | | |
|---|---|---|---|---|---|---|---|
| Conductor material | copper | Conductor material | copper | Water service | ✔ | Gas service | ✔ |
| Conductor csa | 185 mm² | Conductor csa | 50 mm² | Oil service | N/A | Structural steel | N/A |
| Continuity/ connection verified | ✔ (✓) | Continuity/ connection verified | ✔ (✓) | Lightning protection | ✔ | Other incoming service(s) | |

## COMMENTS ON EXISTING INSTALLATION

In the case of an alteration or additions see Section 633

*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*

I/We, the designer(s), RECOMMEND that this installation is further inspected and tested after an interval of not more than § five 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.*



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

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Original (To the person ordering the work)

## SCHEDULE OF ITEMS INSPECTED

† *See note below*

### PROTECTIVE MEASURES AGAINST ELECTRIC SHOCK

#### Basic and fault protection

**Extra-low voltage**

| | | | |
|---|---|---|---|
| N/A | 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 |
| ✔ | 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).*

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Original (To the person ordering the work)

# 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: | 315 A | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD 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 Building 6 | G | B | 1 | 95 | 50 | 5 | 60947-2 | | 200 | 36 | N/A | 0.10 |
| 4L1 | SPARE | | | | | | | | | | | | |
| 4L2 | SPARE | | | | | | | | | | | | |
| 4L3 | SPARE | | | | | | | | | | | | |
| 5L1 | DB/CL1 | G | E | 1 | 35 | 25 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 5L2 | Fire Alarm Panel | O | E | 1 | 4 | 4 | 0.4 | 60947-2 | | 20 | 36 | N/A | 0.64 |
| 5L3 | Disabled Refuge Alarm | O | E | 1 | 4 | 4 | 0.4 | 60947-2 | | 20 | 36 | N/A | 0.64 |
| 6L1 | SPARE | | | | | | | | | | | | |
| 6L2 | SPARE | | | | | | | | | | | | |
| 6L3 | SPARE | | | | | | | | | | | | |
| 7TP | Busbar Riser Building 7 | G | E | 1 | 150 | 70 | 0.4 | 60947-2 | | 200 | 36 | N/A | 0.10 |
| 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 | O (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 | |



* *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 next page for Schedule of Test Results

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Original (To the person ordering the work)

# SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

**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 | | | | | |
| $Z_s$ | ☆ 0.02 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ N/A | ms |
| $I_{pf}$ | ☆ 9.8 | kA | | At $5I_{\Delta n}$ (if applicable) N/A | ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance † *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | | | | | | | | | | | | | | |
| 1L2 | | | | | | | | | | | | | | |
| 1L3 | | | | | | | | | | | | | | |
| 2TP | N/A | N/A | N/A | 0.03 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.04 | N/A | N/A | |
| 3TP | N/A | N/A | N/A | 0.03 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.05 | N/A | N/A | |
| 4L1 | | | | | | | | | | | | | | |
| 4L2 | | | | | | | | | | | | | | |
| 4L3 | | | | | | | | | | | | | | |
| 5L1 | N/A | N/A | N/A | 0.03 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.08 | N/A | N/A | |
| 5L2 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.19 | N/A | N/A | |
| 5L3 | N/A | N/A | N/A | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.20 | N/A | N/A | |
| 6L1 | | | | | | | | | | | | | | |
| 6L2 | | | | | | | | | | | | | | |
| 6L3 | | | | | | | | | | | | | | |
| 7TP | N/A | N/A | N/A | 0.02 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.06 | N/A | N/A | |
| 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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Circuit Details

NICEIC APPROVED CONTRACTOR

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00539494

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: | 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: | 315 A | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11L1 | SPARE | | | | | | | | | | | | |
| 11L2 | SPARE | | | | | | | | | | | | |
| 11L3 | SPARE | | | | | | | | | | | | |
| 12L1 | SPARE | | | | | | | | | | | | |
| 12L2 | SPARE | | | | | | | | | | | | |
| 12L3 | SPARE | | | | | | | | | | | | |
| 13L1 | SPARE | | | | | | | | | | | | |
| 13L2 | SPARE | | | | | | | | | | | | |
| 13L3 | SPARE | | | | | | | | | | | | |
| 14L1 | SPARE | | | | | | | | | | | | |
| 14L2 | SPARE | | | | | | | | | | | | |
| 14L3 | SPARE | | | | | | | | | | | | |
| 15L1 | SPARE | | | | | | | | | | | | |
| 15L2 | SPARE | | | | | | | | | | | | |
| 15L3 | 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 | O (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

NICEIC APPROVED CONTRACTOR

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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 | | | | | | |
| $Z_s$ * | 0.02 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A | ms |
| $I_{pf}$ * | 9.8 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A | ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | |
| 11L1 | | | | | | | | | | | | | | |
| 11L2 | | | | | | | | | | | | | | |
| 11L3 | | | | | | | | | | | | | | |
| 12L1 | | | | | | | | | | | | | | |
| 12L2 | | | | | | | | | | | | | | |
| 12L3 | | | | | | | | | | | | | | |
| 13L1 | | | | | | | | | | | | | | |
| 13L2 | | | | | | | | | | | | | | |
| 13L3 | | | | | | | | | | | | | | |
| 14L1 | | | | | | | | | | | | | | |
| 14L2 | | | | | | | | | | | | | | |
| 14L3 | | | | | | | | | | | | | | |
| 15L1 | | | | | | | | | | | | | | |
| 15L2 | | | | | | | | | | | | | | |
| 15L3 | | | | | | | | | | | | | | |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | Building Riser | Supply to distribution board is from: | Main Panel Board [3TP] | No of phases: | 3 | Nominal voltage: | 400 | V | |
| Distribution board designation: | Rising Busbar Building 6 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | DB/CL3 | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 1L2 | Way taken by Tap Off DB/CL3 | | | | | | | | | | | | |
| 1L3 | Way taken by Tap Off DB/CL3 | | | | | | | | | | | | |
| 2L1 | Way taken by Tap Off DB/CL4 | | | | | | | | | | | | |
| 2L2 | DB/CL4 | G | E | 1 | 25 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 2L3 | Way taken by Tap Off DB/CL4 | | | | | | | | | | | | |
| 3TP | DB/LL1 | F | E | 1 | 25 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 4L1 | Way taken by Tap Off DB/Flat 1 | | | | | | | | | | | | |
| 4L2 | Way taken by Tap Off DB/Flat 1 | | | | | | | | | | | | |
| 4L3 | DB/Flat 1 | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 5L1 | DB/CL7 | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 5L2 | Way taken by Tap Off DB/CL7 | | | | | | | | | | | | |
| 5L3 | Way taken by Tap Off DB/CL7 | | | | | | | | | | | | |
| 6L1 | Way taken by Tap Off DB/CL8 | | | | | | | | | | | | |
| 6L2 | DB/CL8 | G | E | 1 | 25 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 6L3 | Way taken by Tap Off DB/CL8 | | | | | | | | | | | | |
| 7L1 | Way taken by Tap Off DB/Flat 2 | | | | | | | | | | | | |
| 7L2 | Way taken by Tap Off DB/Flat 2 | | | | | | | | | | | | |
| 7L3 | DB/Flat 2 | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 8L1 | DB/CL11 | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 8L2 | Way taken by Tap Off DB/CL11 | | | | | | | | | | | | |
| 8L3 | Way taken by Tap Off DB/CL11 | | | | | | | | | | | | |
| 9L1 | Way taken by Tap Off DB/CL12 | | | | | | | | | | | | |
| 9L2 | DB/CL12 | 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 | O (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

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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 | | | | | |
| $Z_s$ * | 0.05 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ * | 8.1 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | N/A | N/A | N/A | 0.05 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.07 | N/A | N/A | |
| 1L2 | | | | | | | | | | | | | | |
| 1L3 | | | | | | | | | | | | | | |
| 2L1 | | | | | | | | | | | | | | |
| 2L2 | N/A | N/A | N/A | 0.03 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.04 | N/A | N/A | |
| 2L3 | | | | | | | | | | | | | | |
| 3TP | N/A | N/A | N/A | 0.02 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.06 | N/A | N/A | |
| 4L1 | | | | | | | | | | | | | | |
| 4L2 | | | | | | | | | | | | | | |
| 4L3 | N/A | N/A | N/A | 0.03 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.09 | N/A | N/A | |
| 5L1 | N/A | N/A | N/A | 0.03 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.06 | N/A | N/A | |
| 5L2 | | | | | | | | | | | | | | |
| 5L3 | | | | | | | | | | | | | | |
| 6L1 | | | | | | | | | | | | | | |
| 6L2 | N/A | N/A | N/A | 0.03 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.07 | N/A | N/A | |
| 6L3 | | | | | | | | | | | | | | |
| 7L1 | | | | | | | | | | | | | | |
| 7L2 | | | | | | | | | | | | | | |
| 7L3 | N/A | N/A | N/A | 0.07 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.09 | N/A | N/A | |
| 8L1 | N/A | N/A | N/A | 0.05 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.07 | N/A | N/A | |
| 8L2 | | | | | | | | | | | | | | |
| 8L3 | | | | | | | | | | | | | | |
| 9L1 | | | | | | | | | | | | | | |
| 9L2 | N/A | N/A | N/A | 0.03 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.08 | 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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | Building Riser | Supply to distribution board is from: | Main Panel Board [3TP] | No of phases: | 3 | Nominal voltage: | 400 | V | |
| Distribution board designation: | Rising Busbar Building 6 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9L3 | way taken by Tap Off DB/CL12 | | | | | | | | | | | | |
| 10L1 | Way taken by Tap Off DB/Flat 3 | | | | | | | | | | | | |
| 10L2 | Way taken by Tap Off DB/Flat 3 | | | | | | | | | | | | |
| 10L3 | DB/Flat 3 | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 11TP | DB/LL3 | F | E | 1 | 25 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 12L1 | Way taken by Tap Off DB/CL16 | | | | | | | | | | | | |
| 12L2 | DB/CL16 | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 12L3 | Way taken by Tap Off DB/CL16 | | | | | | | | | | | | |
| 13TP | RF/PB | | | | | | | | | | | | |
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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 | O (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

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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 | | | | | |
| $Z_s$ * | 0.05 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ * | 8.1 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 9L3 | | | | | | | | | | | | | | |
| 10L1 | | | | | | | | | | | | | | |
| 10L2 | | | | | | | | | | | | | | |
| 10L3 | N/A | N/A | N/A | 0.04 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.09 | N/A | N/A | |
| 11TP | N/A | N/A | N/A | 0.03 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.09 | N/A | N/A | |
| 12L1 | | | | | | | | | | | | | | |
| 12L2 | N/A | N/A | N/A | 0.08 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.03 | N/A | N/A | |
| 12L3 | | | | | | | | | | | | | | |
| 13TP | | | | | | | | | | | | | | |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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ICNC/IPNC* 00539494
* Delete as appropriate

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 | Supply to distribution board is from: | Rising Busbar Building 6 [1L1] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL3 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4 | Lighting Bedroom 3 | A | E | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Lighting Bedroom 4 | A | E | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 6 | Common Room Ring Main 1 | A | E | 3 | 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 Power 1 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 12 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Bedroom Power 2 | A | E | 12 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 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 | O (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

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Original (To the person ordering the work)

# 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 | | | | | |
| $Z_s$ ☆ | 0.07 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ ☆ | 3.1 | 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.23 | 38.0 | 28.1 | ✔ |
| 2 | N/A | N/A | N/A | 0.72 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.74 | 38.3 | 28.3 | ✔ |
| 3 | N/A | N/A | N/A | 0.72 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.65 | 38.1 | 28.3 | ✔ |
| 4 | N/A | N/A | N/A | 0.47 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.51 | 38.2 | 28.1 | ✔ |
| 5 | N/A | N/A | N/A | 0.58 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.61 | 37.9 | 28.0 | ✔ |
| 6 | 0.36 | 0.36 | 0.58 | 0.27 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.34 | 39.1 | 29.0 | ✔ |
| 7 | 0.40 | 0.40 | 0.63 | 0.20 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.29 | 38.3 | 28.3 | ✔ |
| 8 | N/A | N/A | N/A | 0.11 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.1 | 28.0 | ✔ |
| 9 | N/A | N/A | N/A | 0.11 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.2 | 28.1 | ✔ |
| 10 | 0.41 | 0.41 | 0.66 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.38 | 38.2 | 28.1 | ✔ |
| 11 | 0.41 | 0.41 | 0.63 | 0.13 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.21 | 38.1 | 28.0 | ✔ |
| 12 | 0.40 | 0.40 | 0.58 | 0.15 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.43 | 38.2 | 28.0 | ✔ |
| 13 | 0.24 | 0.24 | 0.40 | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.47 | 38.1 | 28.2 | ✔ |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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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 | Supply to distribution board is from: | Rising Busbar Building 6 [2L2] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL4 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2 | Lighting Bedroom 1 | A | E | 9 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3 | Lighting Bedroom 2 | A | E | 9 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4 | Lighting Bedroom 3 | A | E | 8 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Lighting Bedroom 4 | A | E | 8 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 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 | 3 | 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 Power 1 | A | E | 9 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 9 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Bedroom Power 4 | A | E | 3 | 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 | O (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

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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 | | | | | |
| $Z_s$ ☆ | 0.04 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ ☆ | 3.1 | 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.25 | 38.0 | 28.0 | ✔ |
| 2 | N/A | N/A | N/A | 0.52 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.67 | 38.2 | 28.3 | ✔ |
| 3 | N/A | N/A | N/A | 0.52 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.58 | 38.1 | 28.2 | ✔ |
| 4 | N/A | N/A | N/A | 0.65 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.59 | 38.2 | 28.2 | ✔ |
| 5 | N/A | N/A | N/A | 0.51 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.56 | 38.1 | 28.0 | ✔ |
| 6 | 0.41 | 0.41 | 0.63 | 0.23 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.43 | 38.0 | 28.0 | ✔ |
| 7 | 0.32 | 0.32 | 0.46 | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.28 | 38.2 | 28.1 | ✔ |
| 8 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.17 | 38.1 | 28.0 | ✔ |
| 9 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 37.9 | 28.0 | ✔ |
| 10 | 0.27 | 0.27 | 0.39 | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.19 | 38.0 | 28.1 | ✔ |
| 11 | 0.26 | 0.26 | 0.34 | 0.24 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.58 | 37.9 | 28.2 | ✔ |
| 12 | 0.38 | 0.38 | 0.56 | 0.38 | N/A | N/A | >200 | >200 | >200 | ✔ | o.56 | 38.2 | 28.1 | ✔ |
| 13 | 0.35 | 0.35 | 0.55 | 0.24 | N/A | N/A | >200 | >200 | >200 | ✔ | o.60 | 38.0 | 28.0 | ✔ |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | FF Riser | Supply to distribution board is from: | Rising Busbar Building 6 [3TP] | No of phases: | 3 | Nominal voltage: | 400 | V |
| Distribution board designation: | DB/LL1 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1TP | DB/LL1/L | | | | | | | | | | | | |
| 2TP | DB/LL1/P | | | | | | | | | | | | |
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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 | O (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

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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 | | | | | | |
| $Z_s$ * | 0.06 | 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 | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | |
| 1TP | | | | | | | | | | | | | | |
| 2TP | | | | | | | | | | | | | | |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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ICNC/IPNC*
* Delete as appropriate
00539494

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: | Supply to distribution board is from: DB/LL1 [1TP] — No of phases: 3 — Nominal voltage: V |
| Distribution board designation: DB/LL1/L | Overcurrent protective device for the distribution circuit: Associated RCD (if any) : BS (EN) — Type: BS (EN) — Rating: A — RCD No of poles: — $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↟ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | Ground Floor Corridor Lighting | A | E | 11 | 2.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 1L2 | First Floor Corridor Lighting | A | E | 11 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 1L3 | Second Floor Corridor Lighting | A | E | 11 | 2.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2L1 | Ground Floor Corridor Lighting | A | E | 11 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2L2 | First Floor Corridor Lighting | A | E | 11 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2L3 | Second Floor Corridor Lighting | A | E | 11 | 2.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3L1 | Ground Floor IT Hub Lighting | A | E | 2 | 2.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3L2 | First Floor Stair Lighting 1 | A | E | 7 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3L3 | Second Floor Stair Lighting 1 | A | E | 7 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4L1 | Ground Floor Stair Lighting 2 | A | E | 5 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4L2 | First Floor Stair Lighting 2 | A | E | 7 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4L3 | Second Floor stair Lighting 2 | A | E | 7 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5L1 | Ground Floor Stair Lighting 1 | A | E | 5 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5L2 | SPARE | | | | | | 0.4 | | | | | | |
| 5L3 | Bus Power Supply Unit | A | E | 1 | 2.5 | 1.5 | 0.4 | 61009 | C | 16 | 10 | 30 | 1.44 |
| 6L1 | SPARE | | | | | | 0.4 | | | | | | |
| 6L2 | SPARE | | | | | | | | | | | | |
| 6L3 | SPARE | | | | | | | | | | | | |
| 7L1 | SPARE | | | | | | 0.4 | | | | | | |
| 7L2 | SPARE | | | | | | | | | | | | |
| 7L3 | SPARE | | | | | | | | | | | | |
| 8L1 | SPARE | | | | | | 0.4 | | | | | | |
| 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 | O (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 | |





This report is based on the model forms shown in Appendix 6 of BS 7671
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See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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Original (To the person ordering the work)

# 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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | N/A | N/A | N/A | 0.69 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.80 | 37.8 | 28.0 | ✔ |
| 1L2 | N/A | N/A | N/A | 0.66 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.76 | 38.0 | 28.1 | ✔ |
| 1L3 | N/A | N/A | N/A | 0.70 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.73 | 37.9 | 28.0 | ✔ |
| 2L1 | N/A | N/A | N/A | 0.80 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.90 | 38.0 | 28.0 | ✔ |
| 2L2 | N/A | N/A | N/A | 0.37 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.47 | 37.9 | 28.1 | ✔ |
| 2L3 | N/A | N/A | N/A | 0.74 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.84 | 37.9 | 28.0 | ✔ |
| 3L1 | N/A | N/A | N/A | 0.40 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.51 | 37.9 | 28.0 | ✔ |
| 3L2 | N/A | N/A | N/A | 0.34 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.45 | 38.0 | 28.1 | ✔ |
| 3L3 | N/A | N/A | N/A | 0.36 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.48 | 37.9 | 27.9 | ✔ |
| 4L1 | N/A | N/A | N/A | 0.40 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.50 | 38.0 | 28.1 | ✔ |
| 4L2 | N/A | N/A | N/A | 0.38 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.48 | 37.9 | 28.0 | ✔ |
| 4L3 | N/A | N/A | N/A | 0.43 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.53 | 37.9 | 28.0 | ✔ |
| 5L1 | N/A | N/A | N/A | 0.38 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.49 | 38.0 | 28.1 | ✔ |
| 5L2 | | | | | | | | | | | | | | |
| 5L3 | N/A | N/A | N/A | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.37 | 38.0 | 28.1 | ✔ |
| 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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

This continuation sheet is not valid if the serial number is not the same as the corresponding certificate or report

ICNC/IPNC*
* Delete as appropriate
00539494

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: | Supply to distribution board is from: DB/LL1 [2TP] No of phases: 3 Nominal voltage: V |
| Distribution board designation: DB/LL1/P | Overcurrent protective device for the distribution circuit: Associated RCD (if any) : BS (EN) |
| | Type: BS (EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↟ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | Cleaners Sockets Circulation Area | A | E | 10 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 1L2 | IT Hub Commando Socket 1 | A | E | 1 | 4 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 1L3 | First Floor Cleaners Sockets | A | E | 8 | 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 | IT Hub Commando Socket 2 | A | E | 1 | 4 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 2L3 | Smoke Shaft AOD First Floor | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 3L1 | Ground Floor Powered Doors | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 3L2 | IT Hub Commando Socket 3 | A | E | 1 | 4 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 3L3 | First Floor End of Corridor AOV | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 4L1 | Ground Floor Door Hold Open Device | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 4L2 | Ground Floor IT Hub Ring Main | A | E | 2 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 4L3 | First Floor Door Hold Open Device | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 5L1 | Ground Floor Door Hold Open Device | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 5L2 | IT Hub Tubular Heater | A | E | 1 | 4 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 5L3 | SPARE | | | | | | | | | | | | |
| 6L1 | Ground Floor Intercom Unit | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 6L2 | Second Floor Cleaners Sockets | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 6L3 | SPARE | | | | | | | | | | | | |
| 7L1 | Ground Floor End Of Corridor AOV | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 7L2 | Second Floor Smoke Shaft AOD | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 7L3 | SPARE | | | | | | | | | | | | |
| 8L1 | Ground Floor Smoke Shaft AOD | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 8L2 | Second Floor End Of Corridor AOV | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 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 | O (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

Original (To the person ordering the work)

# 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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | 1.01 | 1.01 | 1.48 | 0.41 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.52 | 37.9 | 27.9 | ✔ |
| 1L2 | N/A | N/A | N/A | 0.61 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.72 | N/A | N/A | |
| 1L3 | 0.86 | 0.86 | 1.17 | 0.39 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.50 | 38.0 | 28.1 | ✔ |
| 2L1 | N/A | N/A | N/A | 0.29 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.40 | N/A | N/A | |
| 2L2 | N/A | N/A | N/A | 0.59 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.70 | N/A | N/A | |
| 2L3 | N/A | N/A | N/A | 0.27 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.30 | N/A | N/A | |
| 3L1 | N/A | N/A | N/A | 0.30 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.41 | N/A | N/A | |
| 3L2 | N/A | N/A | N/A | 0.63 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.74 | N/A | N/A | |
| 3L3 | N/A | N/A | N/A | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.37 | N/A | N/A | |
| 4L1 | N/A | N/A | N/A | 0.24 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.35 | N/A | N/A | |
| 4L2 | 0.75 | 0.75 | 0.98 | 0.30 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.41 | 38.0 | 28.2 | ✔ |
| 4L3 | N/A | N/A | N/A | 0.21 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.32 | N/A | N/A | |
| 5L1 | N/A | N/A | N/A | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.37 | N/A | N/A | |
| 5L2 | N/A | N/A | N/A | 0.54 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.65 | N/A | N/A | |
| 5L3 | | | | | | | | | | | | | | |
| 6L1 | N/A | N/A | N/A | 0.30 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.41 | N/A | N/A | |
| 6L2 | 0.46 | 0.46 | 1.38 | 0.42 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.53 | 38.3 | 28.6 | ✔ |
| 6L3 | | | | | | | | | | | | | | |
| 7L1 | N/A | N/A | N/A | 0.28 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.39 | N/A | N/A | |
| 7L2 | N/A | N/A | N/A | 0.24 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.35 | N/A | N/A | |
| 7L3 | | | | | | | | | | | | | | |
| 8L1 | N/A | N/A | N/A | 0.23 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.34 | N/A | N/A | |
| 8L2 | N/A | N/A | N/A | 0.29 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.40 | N/A | N/A | |
| 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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

This continuation sheet is not valid if the serial number is not the same as the corresponding certificate or report

ICNC/IPNC*
* Delete as appropriate
00539494

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: | Supply to distribution board is from: DB/LL1 [2TP] — No of phases: 3 — Nominal voltage: V |
| Distribution board designation: DB/LL1/P | Overcurrent protective device for the distribution circuit: Associated RCD (if any) : BS (EN) — Type: BS (EN) — Rating: A — RCD No of poles: — $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↟ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9L1 | SPARE | | | | | | | | | | | | |
| 9L2 | Second Floor Door Hold Open Device | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 9L3 | SPARE | | | | | | | | | | | | |
| 10L1 | SPARE | | | | | | | | | | | | |
| 10L2 | SPARE | | | | | | | | | | | | |
| 10L3 | 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 | O (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

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Original (To the person ordering the work)

# 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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 9L1 | | | | | | | | | | | | | | |
| 9L2 | N/A | N/A | N/A | | N/A | N/A | >200 | >200 | >200 | ✔ | | N/A | N/A | |
| 9L3 | | | | | | | | | | | | | | |
| 10L1 | | | | | | | | | | | | | | |
| 10L2 | | | | | | | | | | | | | | |
| 10L3 | | | | | | | | | | | | | | |
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☆ *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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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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 Outside Flat 1 | Supply to distribution board is from: | Rising Busbar Building 6 [4L3] | No of phases: | 1 | Nominal voltage: | 230 | V |
| Distribution board designation: | DB/Flat 1 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kitchen Hob | A | E | 1 | 10 | 4 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 2 | Kitchen Ring Main | A | E | 5 | 4 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 3 | Flat Ring Main | A | E | 3 | 2.5 | 1 | 0.4 | 61009 | C | 32 | 10 | 30 | 0.73 |
| 4 | Hall,Living,Kitchen Lighting | A | E | 9 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.30 |
| 5 | SPARE | | | | | | | | | | | | |
| 6 | SPARE | | | | | | | | | | | | |
| 7 | SPARE | | | | | | | | | | | | |
| 8 | 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 | O (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

NICEIC APPROVED CONTRACTOR

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Original (To the person ordering the work)

# 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 |
| $I_{pf}$ * | 2.5 | 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | 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 | ✔ | 0.20 | 38.0 | 28.0 | ✔ |
| 2 | 0.35 | 0.35 | 0.48 | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.25 | 38.3 | 28.3 | ✔ |
| 3 | 0.33 | 0.33 | 0.45 | 0.37 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.46 | 38.1 | 28.1 | ✔ |
| 4 | N/A | N/A | N/A | 0.24 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.33 | 38.2 | 28,3 | ✔ |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | 2nd Floor Common Room | Supply to distribution board is from: | Rising Busbar Building 6 [5L1] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL7 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4 | Lighting Bedroom 3 | A | E | 15 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Lighting Bedroom 4 | A | E | 15 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 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 | 3 | 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 Power 1 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 12 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Bedroom Power 4 | A | E | 12 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 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 | O (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

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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 | | | | | |
| $Z_s$ ☆ | 0.06 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ ☆ | 2.6 | 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | 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 | ✔ | 0.25 | 38.1 | 28.0 | ✔ |
| 2 | N/A | N/A | N/A | 0.63 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.67 | 38.3 | 28.3 | ✔ |
| 3 | N/A | N/A | N/A | 0.66 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.70 | 38.2 | 28.0 | ✔ |
| 4 | N/A | N/A | N/A | 0.74 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.78 | 38.1 | 28.2 | ✔ |
| 5 | N/A | N/A | N/A | 0.74 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.67 | 38.3 | 28.3 | ✔ |
| 6 | 0.38 | 0.38 | 0.56 | 0.25 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.35 | 38.3 | 28.1 | ✔ |
| 7 | 0.29 | 0.29 | 0.41 | 0.15 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.20 | 38.2 | 28.1 | ✔ |
| 8 | N/A | N/A | N/A | 0.11 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.17 | 38.0 | 28.0 | ✔ |
| 9 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.0 | 28.1 | ✔ |
| 10 | 0.38 | 0.38 | 0.58 | 0.20 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.53 | 38.3 | 28.2 | ✔ |
| 11 | 0.44 | 0.44 | 0.66 | 0.13 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.38 | 38.3 | 28.0 | ✔ |
| 12 | 0.44 | 0.44 | 0.67 | 0.14 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.52 | 38.3 | 28.2 | ✔ |
| 13 | 0.36 | 0.36 | 0.63 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.56 | 38.2 | 28.1 | ✔ |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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* Delete as appropriate
00539494

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: | 2nd Floor Common Room | Supply to distribution board is from: | Rising Busbar Building 6 [6L2] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL8 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2 | Lighting Bedroom 1 | A | E | 9 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3 | Lighting Bedroom 2 | A | E | 9 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4 | Lighting Bedroom 3 | A | E | 8 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Lighting Bedroom 4 | A | E | 9 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 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 | 3 | 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 | Power Bedroom 1 | A | E | 9 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Power Bedroom 2 | A | E | 9 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Power Bedroom 3 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Power Bedroom 4 | A | E | 3 | 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 | O (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

NICEIC APPROVED CONTRACTOR

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Original (To the person ordering the work)

# 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 | | | | | |
| $Z_s$ ☆ | 0.07 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ ☆ | 2.9 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 090704/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.25 | 38.2 | 28.3 | ✔ |
| 2 | N/A | N/A | N/A | 0.56 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.59 | 38.3 | 28.3 | ✔ |
| 3 | N/A | N/A | N/A | 0.63 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.65 | 38.1 | 28.0 | ✔ |
| 4 | N/A | N/A | N/A | 0.58 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.70 | 38.2 | 28.1 | ✔ |
| 5 | N/A | N/A | N/A | 0.55 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.56 | 38.0 | 28.1 | ✔ |
| 6 | 0.38 | 0.38 | 0.51 | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.34 | 38.0 | 28.1 | ✔ |
| 7 | 0.29 | 0.29 | 0.43 | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.26 | 38.1 | 28.1 | ✔ |
| 8 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.15 | 38.0 | 28.3 | ✔ |
| 9 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.16 | 38.2 | 28.7 | ✔ |
| 10 | 0.30 | 0.30 | 0.45 | 0.11 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.58 | 38.2 | 28.2 | ✔ |
| 11 | 0.26 | 0.26 | 0.39 | 0.11 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.39 | 37.9 | 28.1 | ✔ |
| 12 | 0.37 | 0.37 | 0.56 | 0.13 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.35 | 38.0 | 28.0 | ✔ |
| 13 | 0.40 | 0.40 | 0.61 | 0.15 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.72 | 38.1 | 28.1 | ✔ |
| 14 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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00539494

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: | Level riser outside flat 2 | Supply to distribution board is from: | Rising Busbar Building 6 [7L3] | No of phases: | 1 | Nominal voltage: | 230 | V |
| Distribution board designation: | DB/Flat 2 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kitchen Hob | A | E | 1 | 10 | 4 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 2 | Kitchen Ring Main | A | E | 5 | 4 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 3 | Flat Ring Main No1 | A | E | 5 | 2.5 | 1 | 0.4 | 61009 | C | 32 | 10 | 30 | 0.73 |
| 4 | Kitchen Lights | A | E | 4 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Lights Pod/Bedroom | A | E | 5 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 6 | SPARE | | | | | | | | | | | | |
| 7 | SPARE | | | | | | | | | | | | |
| 8 | SPARE | | | | | | | | | | | | |
| 9 | 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 | O (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

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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 |
| $I_{pf}$ * | 4.3 | 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | 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 | ✔ | 0.20 | 37.9 | 28.1 | ✔ |
| 2 | 0.33 | 0.33 | 0.34 | 0.11 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.23 | 37.9 | 28.0 | ✔ |
| 3 | 0.36 | 0.37 | 0.47 | 0.12 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.23 | 38.1 | 28.1 | ✔ |
| 4 | N/A | N/A | N/A | 0.34 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.36 | 38.1 | 28.2 | ✔ |
| 5 | N/A | N/A | N/A | 0.33 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.41 | 38.0 | 28.0 | ✔ |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | 3rd Floor Common Room | Supply to distribution board is from: | Rising Busbar Building 6 [8L1] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL11 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4 | Lighting Bedroom 3 | A | E | 15 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Lighting Bedroom 4 | A | E | 15 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 6 | Common Room Ring Main 1 | A | E | 3 | 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 Power 1 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 15 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Bedroom Power 4 | A | E | 15 | 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 | O (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

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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 | | | | | |
| $Z_s$ ☆ | 0.07 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ ☆ | 2.7 | 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | 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 | ✔ | 0.26 | 37.9 | 28.0 | ✔ |
| 2 | N/A | N/A | N/A | 0.65 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.64 | 39.0 | 28.9 | ✔ |
| 3 | N/A | N/A | N/A | 0.65 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.98 | 38.8 | 28.7 | ✔ |
| 4 | N/A | N/A | N/A | 0.77 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.61 | 38.9 | 29.0 | ✔ |
| 5 | N/A | N/A | N/A | 0.73 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.78 | 39.0 | 28.9 | ✔ |
| 6 | 0.45 | 0.45 | 0.61 | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.34 | 39.0 | 29.0 | ✔ |
| 7 | 0.29 | 0.29 | 0.48 | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.26 | 39.1 | 29.0 | ✔ |
| 8 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.17 | 38.9 | 29.1 | ✔ |
| 9 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.17 | 39.0 | 29.0 | ✔ |
| 10 | 0.36 | 0.36 | 0.46 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.51 | 38.9 | 28.9 | ✔ |
| 11 | 0.41 | 0.41 | 0.55 | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.57 | 38.9 | 29.0 | ✔ |
| 12 | 0.45 | 0.45 | 0.63 | 0.25 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.39 | 38.9 | 28.9 | ✔ |
| 13 | 0.51 | 0.51 | 0.66 | 0.21 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.60 | 39.0 | 29.0 | ✔ |
| 14 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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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: | 3rd Floor Common Room | Supply to distribution board is from: | Rising Busbar Building 6 [9L2] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL12 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4 | Lighting Bedroom 3 | A | E | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Lighting Bedroom 4 | A | E | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 6 | Common Room Ring Main 1 | A | E | 3 | 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 Power 1 | A | E | 9 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 9 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Bedroom Power 4 | A | E | 8 | 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 | O (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

NICEIC APPROVED CONTRACTOR

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**ICNC/IPNC*** 00539494
* Delete as appropriate

Original (To the person ordering the work)

# 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 | | | | | |
| $Z_s$ ☆ | 0.08 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ ☆ | 3.4 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.24 | 38.1 | 28.0 | ✔ |
| 2 | N/A | N/A | N/A | 0.69 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.73 | 38.3 | 28.3 | ✔ |
| 3 | N/A | N/A | N/A | 0.67 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.70 | 37.9 | 28.9 | ✔ |
| 4 | N/A | N/A | N/A | 0.64 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.68 | 38,6 | 28.4 | ✔ |
| 5 | N/A | N/A | N/A | 0.69 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.74 | 38.0 | 27.9 | ✔ |
| 6 | 0.40 | 0.40 | 0.63 | 0.24 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.31 | 38.1 | 29.0 | ✔ |
| 7 | 0.34 | 0.34 | 0.56 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.21 | 38.2 | 29.1 | ✔ |
| 8 | N/A | N/A | N/A | 0.08 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.17 | 37.6 | 28.2 | ✔ |
| 9 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.3 | 28.1 | ✔ |
| 10 | 0.27 | 0.27 | 0.39 | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.72 | 38.1 | 28.4 | ✔ |
| 11 | 0.24 | 0.24 | 0.35 | 0.18 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.70 | 38.0 | 28.0 | ✔ |
| 12 | 0.33 | 0.33 | 0.46 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.36 | 37.9 | 28.2 | ✔ |
| 13 | 0.35 | 0.35 | 0.48 | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.58 | 38.6 | 28.3 | ✔ |
| 14 | | | | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

APPROVED CONTRACTOR

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ICNC/IPNC*
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00539494

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: | 2nd Floor Riser O/S Flat | Supply to distribution board is from: | Rising Busbar Building 6 [10L3] | No of phases: | 1 | Nominal voltage: | 230 | V |
| Distribution board designation: | DB/Flat 3 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kitchen Hob | A | E | 1 | 10 | 4 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 2 | Kitchen Ring Main | A | E | 5 | 4 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 3 | Flat Ring Main No1 | A | E | 3 | 2.5 | 1 | 0.4 | 61009 | C | 32 | 10 | 30 | 0.73 |
| 4 | Kitchen Lights | A | E | 3 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Living Room Lights | A | E | 5 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.30 |
| 6 | SPARE | | | | | | | | | | | | |
| 7 | SPARE | | | | | | | | | | | | |
| 8 | 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 | O (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

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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 |
| $I_{pf}$ ☆ | 2.7 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.19 | 32.1 | 28.0 | ✔ |
| 2 | 0.34 | 0.34 | 0.43 | 0.12 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.20 | 38.2 | 28.1 | ✔ |
| 3 | 0.36 | 0.36 | 0.47 | 0.11 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.20 | 38.2 | 28.2 | ✔ |
| 4 | N/A | N/A | N/A | 0.32 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.40 | 37.7 | 28.1 | ✔ |
| 5 | N/A | N/A | N/A | 0.40 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.49 | 38.2 | 28.3 | ✔ |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | 3rd Floor Riser | Supply to distribution board is from: | Rising Busbar Building 6 [11TP] | 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 | Rating: | 63 A | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1TP | DB/LL3/L | | | | | | | | | | | | |
| 2TP | DB/LL3/P | | | | | | | | | | | | |
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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 | O (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

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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 |
| $I_{pf}$ * | 6.5 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1TP | | | | | | | | | | | | | | |
| 2TP | | | | | | | | | | | | | | |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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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: | Supply to distribution board is from: DB/LL3 [1TP] — No of phases: 3 — Nominal voltage: V |
| Distribution board designation: DB/LL3/L | Overcurrent protective device for the distribution circuit: Type: BS (EN) — Rating: A — Associated RCD (if any) : BS (EN) — RCD No of poles: — $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | ↑ Reference method | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | Third Floor Corridor Lighting | A | E | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 1L2 | Fourth Floor Corridor Lighting | A | E | 10 | 2.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 1L3 | SPARE | | | | | | | | | | | | |
| 2L1 | Third Floor Corridor Lighting | A | E | 11 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2L2 | Fourth Floor Corridor Lighting | A | E | 11 | 2.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2L3 | SPARE | | | | | | | | | | | | |
| 3L1 | Third Floor Staircase Lighting 1 | A | E | 7 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3L2 | Fourth Floor Staircase Lighting 1 | A | E | 7 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3L3 | SPARE | | | | | | | | | | | | |
| 4L1 | Third Floor Staircase Lighting 2 | A | E | 7 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4L2 | Fourth Floor Staircase Lighting 2 | A | E | 7 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 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 | O (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

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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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | N/A | N/A | N/A | 0.71 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.80 | 38.0 | 28.1 | ✔ |
| 1L2 | N/A | N/A | N/A | 0.74 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.78 | 37.9 | 27.9 | ✔ |
| 1L3 | | | | | | | | | | | | | | |
| 2L1 | N/A | N/A | N/A | 0.95 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.98 | 37.5 | 27.8 | ✔ |
| 2L2 | N/A | N/A | N/A | 0.20 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.27 | 38.1 | 28.2 | ✔ |
| 2L3 | | | | | | | | | | | | | | |
| 3L1 | N/A | N/A | N/A | 0.79 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.86 | 38.0 | 28.2 | ✔ |
| 3L2 | N/A | N/A | N/A | 0.62 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.84 | 38.1 | 28.0 | ✔ |
| 3L3 | | | | | | | | | | | | | | |
| 4L1 | N/A | N/A | N/A | 0.79 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.86 | 38.0 | 29.1 | ✔ |
| 4L2 | N/A | N/A | N/A | 0.62 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.84 | 38.8 | 29.0 | ✔ |
| 4L3 | | | | | | | | | | | | | | |
| 5L1 | | | | | | | | | | | | | | |
| 5L2 | | | | | | | | | | | | | | |
| 5L3 | | | | | | | | | | | | | | |
| 6L1 | | | | | | | | | | | | | | |
| 6L2 | | | | | | | | | | | | | | |
| 6L3 | | | | | | | | | | | | | | |
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☆ *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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

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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: | Supply to distribution board is from: DB/LL3 [2TP] — No of phases: 3 — Nominal voltage: V |
| Distribution board designation: DB/LL3/P | Overcurrent protective device for the distribution circuit: Associated RCD (if any) : BS (EN) |
| | Type: BS (EN) — Rating: A — RCD No of poles: — $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↑ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | Cleaners Sockets Third Floor | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | C | 32 | 10 | 30 | 0.73 |
| 1L2 | Cleaners Sockets Fourth Floor | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | C | 32 | 10 | 30 | 0.73 |
| 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 | End of Corridor AOV Third Floor | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 3L2 | End of Corridor AOV Fourth Floor | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 10 | 10 | N/A | 2.30 |
| 3L3 | SPARE | | | | | | | | | | | | |
| 4L1 | SPARE | | | | | | | | | | | | |
| 4L2 | Head of Stair Core AOV Fourth Floor | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | 30 | 1.44 |
| 4L3 | SPARE | | | | | | | | | | | | |
| 5L1 | Third Floor Door Hold Open Device | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 5L2 | Fourth Floor Door Hold Open Device | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 5L3 | SPARE | | | | | | | | | | | | |
| 6L1 | SPARE | | | | | | | | | | | | |
| 6L2 | Fourth Floor Head of Stair Core AOV | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 6L3 | SPARE | | | | | | | | | | | | |
| 7L1 | SPARE | | | | | | | | | | | | |
| 7L2 | SPARE | | | | | | | | | | | | |
| 7L3 | SPARE | | | | | | | | | | | | |
| 8L1 | SPARE | | | | | | | | | | | | |
| 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 | O (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

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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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | 0.83 | 0.83 | 1.42 | 0.36 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.43 | 38.1 | 28.3 | ✔ |
| 1L2 | 0.95 | 0.95 | 1.51 | 0.39 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.48 | 38.0 | 28.4 | ✔ |
| 1L3 | | | | | | | | | | | | | | |
| 2L1 | N/A | N/A | N/A | 0.30 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.37 | N/A | N/A | |
| 2L2 | N/A | N/A | N/A | 0.32 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.51 | N/A | N/A | |
| 2L3 | | | | | | | | | | | | | | |
| 3L1 | N/A | N/A | N/A | 0.28 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.32 | N/A | N/A | |
| 3L2 | N/A | N/A | N/A | 0.31 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.49 | N/A | N/A | |
| 3L3 | | | | | | | | | | | | | | |
| 4L1 | | | | | | | | | | | | | | |
| 4L2 | N/A | N/A | N/A | 0.38 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.52 | N/A | N/A | |
| 4L3 | | | | | | | | | | | | | | |
| 5L1 | N/A | N/A | N/A | 0.14 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.26 | N/A | N/A | |
| 5L2 | N/A | N/A | N/A | 0.18 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.27 | N/A | N/A | |
| 5L3 | | | | | | | | | | | | | | |
| 6L1 | | | | | | | | | | | | | | |
| 6L2 | N/A | N/A | N/A | 0.25 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.33 | N/A | N/A | |
| 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: Position:

Name: (CAPITALS) Date of testing:





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# 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: | 4th Floor Common Room | Supply to distribution board is from: | Rising Busbar Building 6 [12L2] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL16 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 6 | 30 | 2.3 |
| 4 | Lighting Bedroom 3 | A | E | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Lighting Bedroom 4 | A | E | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 6 | Common Room Ring Main 1 | A | E | 3 | 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 Power 1 | A | E | 9 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 9 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Bedroom Power 4 | A | E | 8 | 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 | O (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

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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 | | | | | |
| $Z_s$ ☆ | 0.03 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ ☆ | 2.7 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.15 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.0 | 28.1 | ✔ |
| 2 | N/A | N/A | N/A | 0.56 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.58 | 38.2 | 28.2 | ✔ |
| 3 | N/A | N/A | N/A | 0.68 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.65 | 38.1 | 28.2 | ✔ |
| 4 | N/A | N/A | N/A | 0.56 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.59 | 38.3 | 28.4 | ✔ |
| 5 | N/A | N/A | N/A | 0.64 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.65 | 38.2 | 28.3 | ✔ |
| 6 | 0.40 | 0.40 | 0.63 | 0.23 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.32 | 38.0 | 28.0 | ✔ |
| 7 | 0.33 | 0.33 | 0.51 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.23 | 38.0 | 28.1 | ✔ |
| 8 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.25 | 38.1 | 28.1 | ✔ |
| 9 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.16 | 38.0 | 28.1 | ✔ |
| 10 | 0.28 | 0.28 | 0.46 | 0.15 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.80 | 38.0 | 28.1 | ✔ |
| 11 | 0.29 | 0.29 | 0.46 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.40 | 38.0 | 28.1 | ✔ |
| 12 | 0.35 | 0.35 | 0.50 | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.37 | 38.0 | 28.1 | ✔ |
| 13 | 0.39 | 0.39 | 0.54 | 0.18 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.57 | 38.1 | 28.1 | ✔ |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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 Building 6 [13TP] | No of phases: | 3 | Nominal voltage: | 400 | V |
| Distribution board designation: | RF/PB | Overcurrent protective device for the distribution circuit: Type: BS (EN) | | Rating: | A | Associated RCD (if any) : BS (EN) | Not Applicable | |
| | | | | RCD No of poles: | N/A | $I_{\Delta n}$ | | mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↑ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1TP | Way taken by main MCCB | | | | | | | | | | | | |
| 2TP | DB/PL1 | F | E | 1 | 25 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 3L1 | DB/CL15 | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 3L2 | DB/Flat 4 | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 3L3 | SPARE | | | | | | | | | | | | |
| 4L1 | SPARE | | | | | | | | | | | | |
| 4L2 | SPARE | | | | | | | | | | | | |
| 4L3 | SPARE | | | | | | | | | | | | |
| 5TP | Passenger Lift | G | E | 1 | 10 | 10 | 0.4 | 60947-2 | | 32 | 36 | N/A | 0.48 |
| 6TP | MSCB | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 20 | 36 | N/A | 0.64 |
| 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 | O (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

NICEIC APPROVED CONTRACTOR

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**ICNC/IPNC*** 00539494

* Delete as appropriate

Original (To the person ordering the work)

# 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

$I_{pf}$ ☆ 4.2 kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; At $5I_{\Delta n}$ (if applicable) ms

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | |
| 1TP | | | | | | | | | | | | | | |
| 2TP | N/A | N/A | N/A | 0.03 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.11 | N/A | N/A | |
| 3L1 | N/A | N/A | N/A | 0.03 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.08 | N/A | N/A | |
| 3L2 | N/A | N/A | N/A | 0.07 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.17 | N/A | N/A | |
| 3L3 | | | | | | | | | | | | | | |
| 4L1 | | | | | | | | | | | | | | |
| 4L2 | | | | | | | | | | | | | | |
| 4L3 | | | | | | | | | | | | | | |
| 5TP | N/A | N/A | N/A | 0.05 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.13 | N/A | N/A | |
| 6TP | N/A | N/A | N/A | 0.04 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.12 | N/A | N/A | |
| 7L1 | | | | | | | | | | | | | | |
| 7L2 | | | | | | | | | | | | | | |
| 7L3 | | | | | | | | | | | | | | |
| 8L1 | | | | | | | | | | | | | | |
| 8L2 | | | | | | | | | | | | | | |
| 8L3 | | | | | | | | | | | | | | |
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☆ *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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

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# 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: | RF/PB [2TP] | No of phases: | 3 | Nominal voltage: | 400 | V |
| | | Overcurrent protective device for the distribution circuit: | | Associated RCD (if any) : BS (EN) | Not Applicable | | | |
| Distribution board designation: | DB/PL1 | Type: BS (EN) | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1TP | DB/PL/L | | | | | | | | | | | | |
| 2TP | DB/PL/P | | | | | | | | | | | | |
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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 | O (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

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Original (To the person ordering the work)

# 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 |
| $I_{pf}$ ☆ | 4.6 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1TP | | | | | | | | | | | | | | |
| 2TP | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | Supply to distribution board is from: DB/PL1 [1TP] — No of phases: 3 — Nominal voltage: V |
| Distribution board designation: DB/PL/L | Overcurrent protective device for the distribution circuit: Associated RCD (if any) : BS (EN) — Type: BS (EN) — Rating: A — RCD No of poles: — $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↟ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | Plant Room Lighting | A | E | 2 | 2.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 1L2 | Stairway Lighting | A | E | 2 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 1L3 | SPARE | | | | | | 0.4 | | | | | | |
| 2L1 | SPARE | | | | | | | | | | | | |
| 2L2 | SPARE | | | | | | | | | | | | |
| 2L3 | SPARE | | | | | | | | | | | | |
| 3L1 | SPARE | | | | | | | | | | | | |
| 3L2 | SPARE | | | | | | | | | | | | |
| 3L3 | SPARE | | | | | | | | | | | | |
| 4L1 | SPARE | | | | | | | | | | | | |
| 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 | O (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

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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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | N/A | N/A | N/A | 0.40 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.51 | 38.1 | 28.6 | ✔ |
| 1L2 | N/A | N/A | N/A | 0.30 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.35 | 39.0 | 28.3 | ✔ |
| 1L3 | | | | | | | | | | | | | | |
| 2L1 | | | | | | | | | | | | | | |
| 2L2 | | | | | | | | | | | | | | |
| 2L3 | | | | | | | | | | | | | | |
| 3L1 | | | | | | | | | | | | | | |
| 3L2 | | | | | | | | | | | | | | |
| 3L3 | | | | | | | | | | | | | | |
| 4L1 | | | | | | | | | | | | | | |
| 4L2 | | | | | | | | | | | | | | |
| 4L3 | | | | | | | | | | | | | | |
| 5L1 | | | | | | | | | | | | | | |
| 5L2 | | | | | | | | | | | | | | |
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☆ *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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

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# 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: | Supply to distribution board is from: DB/PL1 [2TP] No of phases: 3 Nominal voltage: V |
| Distribution board designation: DB/PL/P | Overcurrent protective device for the distribution circuit: Associated RCD (if any) : BS (EN) Type: BS (EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↟ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | Plant Room Ring Main | A | E | 2 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 1L2 | Plant Room Commando Outlet | A | E | 1 | 4 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 1L3 | Plant Room Tubular Heater | A | E | 2 | 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 |
| 8TP | Roof Extract Fan 7 | G | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 9TP | Roof Extract Fan 8 | G | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 10TP | Roof Extract Fan 9 | G | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 11TP | Roof Extract Fan 10 | G | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 12TP | Roof Extract Fan 11 | G | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 13TP | Roof Extract Fan 12 | G | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 14TP | Roof Extract Fan 13 | G | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 15TP | Roof Extract Fan 14 | G | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 16TP | Roof Extract Fan 15 | G | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 17TP | Roof Extract fan 16 | G | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 18L1 | Head of Smoke Shaft AOV | O | F | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 18L2 | Plant Room Commando Outlet | A | F | 1 | 4 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 18L3 | Head of Smoke Shaft AOV | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 19L1 | Fan Control Spur | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | C | 10 | 10 | N/A | 2.3 |
| 19L2 | 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 | O (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

NICEIC APPROVED CONTRACTOR

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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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | 0.21 | 0.21 | 0.37 | 0.13 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.15 | 38.0 | 28.1 | ✔ |
| 1L2 | N/A | N/A | N/A | 0.21 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.27 | N/A | N/A | |
| 1L3 | N/A | N/A | N/A | 0.05 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.15 | N/A | N/A | |
| 2TP | N/A | N/A | N/A | 0.31 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.42 | N/A | N/A | |
| 3TP | N/A | N/A | N/A | 0.20 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.31 | N/A | N/A | |
| 4TP | N/A | N/A | N/A | 0.34 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.66 | N/A | N/A | |
| 5TP | N/A | N/A | N/A | 0.34 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.54 | N/A | N/A | |
| 6TP | N/A | N/A | N/A | 0.29 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.39 | N/A | N/A | |
| 7TP | N/A | N/A | N/A | 0.31 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.42 | N/A | N/A | |
| 8TP | N/A | N/A | N/A | 0.24 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.60 | N/A | N/A | |
| 9TP | N/A | N/A | N/A | 0.26 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.76 | N/A | N/A | |
| 10TP | N/A | N/A | N/A | 0.36 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.47 | N/A | N/A | |
| 11TP | N/A | N/A | N/A | 0.40 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.28 | N/A | N/A | |
| 12TP | N/A | N/A | N/A | 0.34 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.44 | N/A | N/A | |
| 13TP | N/A | N/A | N/A | 0.47 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.56 | N/A | N/A | |
| 14TP | N/A | N/A | N/A | 0.76 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.87 | N/A | N/A | |
| 15TP | N/A | N/A | N/A | 0.64 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.76 | N/A | N/A | |
| 16TP | N/A | N/A | N/A | 0.72 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.87 | N/A | N/A | |
| 17TP | N/A | N/A | N/A | 0.68 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.83 | N/A | N/A | |
| 18L1 | N/A | N/A | N/A | 0.36 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.47 | N/A | N/A | |
| 18L2 | N/A | N/A | N/A | 0.21 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.29 | N/A | N/A | |
| 18L3 | N/A | N/A | N/A | 0.40 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.55 | N/A | N/A | |
| 19L1 | N/A | N/A | N/A | 0.04 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.13 | N/A | N/A | |
| 19L2 | | | | | | | | | | | | | | |

☆ *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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

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# 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: | | Supply to distribution board is from: | DB/PL1 [2TP] | No of phases: | 3 | Nominal voltage: | | V |
| Distribution board designation: | DB/PL/P | Overcurrent protective device for the distribution circuit: Type: BS (EN) | | Rating: | A | Associated RCD (if any) : BS (EN) / RCD No of poles: | | $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↑ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices: BS (EN) | Overcurrent protective devices: Type | Overcurrent protective devices: Rating (A) | Overcurrent protective devices: Short-circuit capacity (kA) | RCD: Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19L3 | SPARE | | | | | | | | | | | | |
| 20L1 | SPARE | | | | | | | | | | | | |
| 20L2 | SPARE | | | | | | | | | | | | |
| 20L3 | SPARE | | | | | | | | | | | | |
| 21L1 | SPARE | | | | | | | | | | | | |
| 21L2 | SPARE | | | | | | | | | | | | |
| 21L3 | 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 | O (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

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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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 19L3 | | | | | | | | | | | | | | |
| 20L1 | | | | | | | | | | | | | | |
| 20L2 | | | | | | | | | | | | | | |
| 20L3 | | | | | | | | | | | | | | |
| 21L1 | | | | | | | | | | | | | | |
| 21L2 | | | | | | | | | | | | | | |
| 21L3 | | | | | | | | | | | | | | |
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* *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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

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# 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: | 3rd Floor Riser | Supply to distribution board is from: | RF/PB [3L1] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL15 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4 | Lighting Bedroom 3 | A | E | 15 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Lighting Bedroom 4 | A | E | 15 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 6 | Common Room Ring Main 1 | A | E | 3 | 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 Power 1 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 0.23 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Bedroom Power 4 | A | E | 12 | 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 | O (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

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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 | | | | | |
| $Z_s$ ☆ | 0.08 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ ☆ | 3.4 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | 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 | ✔ | 0.31 | 37.5 | 27.6 | ✔ |
| 2 | N/A | N/A | N/A | 0.62 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.74 | 38.2 | 28.2 | ✔ |
| 3 | N/A | N/A | N/A | 0.65 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.69 | 38.2 | 28.1 | ✔ |
| 4 | N/A | N/A | N/A | 0.74 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.75 | 38.2 | 28.3 | ✔ |
| 5 | N/A | N/A | N/A | 0.69 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.73 | 38.1 | 28.2 | ✔ |
| 6 | 0.36 | 0.36 | 0.49 | 0.22 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.39 | 38.1 | 28.1 | ✔ |
| 7 | 0.40 | 0.40 | 0.57 | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.26 | 38.0 | 28.0 | ✔ |
| 8 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.20 | 38.0 | 28.1 | ✔ |
| 9 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.19 | 37.9 | 28.0 | ✔ |
| 10 | 0.56 | 0.56 | 0.74 | 0.25 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.51 | 38.0 | 28.1 | ✔ |
| 11 | 0.40 | 0.40 | 0.58 | 0.23 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.54 | 38.0 | 28.2 | ✔ |
| 12 | 0.49 | 0.49 | 0.58 | 0.23 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.55 | 38.0 | 28.2 | ✔ |
| 13 | 0.49 | 0.49 | 0.59 | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.74 | 38.0 | 28.2 | ✔ |
| 14 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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 Outside Flat | Supply to distribution board is from: | RF/PB [3L2] | No of phases: | 1 | Nominal voltage: | 230 | V |
| Distribution board designation: | DB/Flat 4 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kitchen Hob | A | E | 1 | 10 | 4 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 2 | Kitchen Ring Main | A | E | 5 | 4 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 3 | Flat Ring Main No1 | A | E | 4 | 2.5 | 1 | 0.4 | 61009 | C | 32 | 10 | 30 | 0.73 |
| 4 | Kitchen Lights | A | E | 4 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Living Room Lights | A | E | 5 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 6 | SPARE | | | | | | | | | | | | |
| 7 | SPARE | | | | | | | | | | | | |
| 8 | 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 | O (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

NICEIC APPROVED CONTRACTOR

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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 | | | | | |
| $Z_s$ * | 0.17 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ * | 2.7 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.20 | 38.3 | 28.3 | ✔ |
| 2 | 0.32 | 0.32 | 0.41 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.25 | 38.1 | 28.2 | ✔ |
| 3 | 0.36 | 0.36 | 0.48 | 0.14 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.21 | 38.1 | 28.3 | ✔ |
| 4 | N/A | N/A | N/A | 0.32 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.34 | 38.2 | 28.2 | ✔ |
| 5 | N/A | N/A | N/A | 0.33 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.40 | 38.0 | 28.0 | ✔ |
| 6 | | | | | | | | | | | | | | |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | RF/PB [6TP] | No of phases: | 3 | Nominal voltage: | 400 | V |
| Distribution board designation: | MSCB | Overcurrent protective device for the distribution circuit: Type: BS (EN) | 60947-2 | Rating: | 20 A | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | LTHW Pressurisation Unit | A | B | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 5.76 |
| 1L2 | Boiler No1 | A | B | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 4 | 10 | N/A | 5.76 |
| 1L3 | Boiler No2 | A | B | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 4 | 10 | N/A | 5.76 |
| 2L1 | VT Secondary Pump 1 | A | B | 1 | 2.5 | 2.5 | 0.4 | 60898 | D | 2 | 10 | N/A | 5.8 |
| 2L2 | Not Available | | | | | | | | | | | | |
| 2L3 | Not Available | | | | | | | | | | | | |
| 3L1 | VT Secondary Pump 2 | A | B | 1 | 2.5 | 2.5 | 0.4 | 60898 | D | 2 | 10 | N/A | 5.8 |
| 3L2 | DHWS Boiler No1 | A | B | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 10 | 10 | N/A | 2.3 |
| 3L3 | DHWS Boiler No2 | A | B | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 10 | 10 | N/A | 2.3 |
| 4L1 | DHWS Sec Pump 1 | A | B | 1 | 2.5 | 2.5 | 0.4 | 60898 | D | 2 | 10 | N/A | 5.8 |
| 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 | | | | | | | | | | | | |

* *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 | O (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

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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 | | | | | |
| $Z_s$ ☆ | 0.12 Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms | |
| $I_{pf}$ ☆ | 3.8 kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms | |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | |
| 1L1 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.27 | N/A | N/A | |
| 1L2 | | | | | | | | | | | | | | |
| 1L3 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.29 | N/A | N/A | |
| 2L1 | N/A | N/A | N/A | 0.06 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | N/A | N/A | |
| 2L2 | | | | | | | | | | | | | | |
| 2L3 | | | | | | | | | | | | | | |
| 3L1 | N/A | N/A | N/A | 0.07 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.19 | N/A | N/A | |
| 3L2 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.23 | N/A | N/A | |
| 3L3 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.26 | N/A | N/A | |
| 4L1 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.27 | N/A | N/A | |
| 4L2 | | | | | | | | | | | | | | |
| 4L3 | | | | | | | | | | | | | | |
| 5L1 | | | | | | | | | | | | | | |
| 5L2 | | | | | | | | | | | | | | |
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| 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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | GF Common Room | Supply to distribution board is from: | Main Panel Board [5L1] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL1 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Common Room Lighting | A | E | 6 | 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 & WCA Room | A | E | 17 | 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 | SPARE | | | | | | | | | | | | |
| 6 | Common Room Cooker 1 | A | E | 1 | 10 | 6 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 7 | Common Room Cooker 2 | A | E | 1 | 10 | 6 | 0.4 | 61009 | C | 32 | 10 | 30 | 0.73 |
| 8 | Common Room Ring Main 1 | A | E | 5 | 2.5 | 1.5 | 0.4 | 61009 | C | 32 | 10 | 30 | 0.73 |
| 9 | Common Room Ring Main 2 | A | E | 3 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 10 | Bedroom Power 1 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 12 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 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 | O (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 | |





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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 | | | | | |
| $Z_s$ ☆ | 0.08 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ ☆ | 1.9 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.33 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.40 | 38.2 | 28.5 | ✔ |
| 2 | N/A | N/A | N/A | 0.74 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.83 | 38.5 | 28.1 | ✔ |
| 3 | N/A | N/A | N/A | 0.81 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.88 | 39.0 | 28.4 | ✔ |
| 4 | N/A | N/A | N/A | 0.83 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.90 | 38.5 | 29.1 | ✔ |
| 5 | | | | | | | | | | | | | | |
| 6 | N/A | N/A | N/A | 0.12 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.19 | 39.1 | 28.6 | ✔ |
| 7 | N/A | N/A | N/A | 0.13 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.29 | 38.3 | 28.8 | ✔ |
| 8 | 0.40 | 0.40 | 0.61 | 0.27 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.33 | 38.4 | 28.2 | ✔ |
| 9 | 0.43 | 0.43 | 0.65 | 0.30 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.37 | 39.0 | 29.3 | ✔ |
| 10 | 0.42 | 0.42 | 0.67 | 0.18 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.38 | 38.4 | 22.5 | ✔ |
| 11 | 0.51 | 0.51 | 0.78 | 0.42 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.48 | 39.6 | 27.9 | ✔ |
| 12 | 0.45 | 0.45 | 0.69 | 0.24 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.33 | 38.5 | 28.4 | ✔ |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





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# 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: | Building 7 Riser | Supply to distribution board is from: | Main Panel Board [7TP] | No of phases: | 3 | Nominal voltage: | 400 | V | |
| Distribution board designation: | Busbar Riser Building 7 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | Way taken by Tap Off DB/CL2 | | | | | | | | | | | | |
| 1L2 | way taken by Tap Off DB/CL2 | | | | | | | | | | | | |
| 1L3 | DB/CL2 | G | E | 1 | 35 | 25 | 5 | 60947-2 | | 63 | 36 | N/A | .38 |
| 2L1 | DB/CL5 | G | E | 1 | 35 | 25 | 5 | 60947-2 | | 63 | 36 | N/A | .38 |
| 2L2 | Way taken by Tap Off DB/CL5 | | | | | | | | | | | | |
| 2L3 | Way taken by Tap Off DB/CL5 | | | | | | | | | | | | |
| 3L1 | DB/CL6 | G | E | 1 | 35 | 25 | 5 | 60947-2 | | 63 | 36 | N/A | .38 |
| 3L2 | Way taken by Tap Off DB/CL6 | | | | | | | | | | | | |
| 3L3 | Way taken by Tap Off DB/CL6 | | | | | | | | | | | | |
| 4TP | DB/LL2 | F | E | 1 | 25 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 5L1 | Way taken by Tap Off DB/CL9 | | | | | | | | | | | | |
| 5L2 | DB/CL9 | G | E | 1 | 35 | 25 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 5L3 | Way taken by Tap Off DB/CL9 | | | | | | | | | | | | |
| 6L1 | Way taken by Tap Off DB/CL10 | | | | | | | | | | | | |
| 6L2 | Way taken by Tap Off DB/CL10 | | | | | | | | | | | | |
| 6L3 | DB/CL10 | G | E | 1 | 25 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 7L1 | DB/CL13 | G | E | 1 | 35 | 25 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 7L2 | way taken by Tap Off DB/CL13 | | | | | | | | | | | | |
| 7L3 | Way taken by Tap Off DB/CL13 | | | | | | | | | | | | |
| 8L1 | Way taken by Tap Off DB/CL14 | | | | | | | | | | | | |
| 8L2 | DB/CL14 | G | E | 1 | 25 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 8L3 | Way taken by Tap Off DB/CL14 | | | | | | | | | | | | |
| 9TP | DB/LL4 | G | E | 1 | 25 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 10L1 | Way taken by Tap Off DB/CL17 | | | | | | | | | | | | |

* *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 | O (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

NICEIC APPROVED CONTRACTOR

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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 | | | | | |
| $Z_s$ * | 0.06 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ * | 3.5 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | |
| 1L1 | | | | | | | | | | | | | | |
| 1L2 | | | | | | | | | | | | | | |
| 1L3 | N/A | N/A | N/A | 0.01 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.08 | N/A | N/A | |
| 2L1 | N/A | N/A | N/A | 0.08 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.12 | N/A | N/A | |
| 2L2 | | | | | | | | | | | | | | |
| 2L3 | | | | | | | | | | | | | | |
| 3L1 | N/A | N/A | N/A | 0.07 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.09 | N/A | N/A | |
| 3L2 | | | | | | | | | | | | | | |
| 3L3 | | | | | | | | | | | | | | |
| 4TP | N/A | N/A | N/A | 0.09 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.14 | N/A | N/A | |
| 5L1 | | | | | | | | | | | | | | |
| 5L2 | N/A | N/A | N/A | 0.07 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.09 | N/A | N/A | |
| 5L3 | | | | | | | | | | | | | | |
| 6L1 | | | | | | | | | | | | | | |
| 6L2 | | | | | | | | | | | | | | |
| 6L3 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.11 | N/A | N/A | |
| 7L1 | N/A | N/A | N/A | 0.07 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.09 | N/A | N/A | |
| 7L2 | | | | | | | | | | | | | | |
| 7L3 | | | | | | | | | | | | | | |
| 8L1 | | | | | | | | | | | | | | |
| 8L2 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.11 | N/A | N/A | |
| 8L3 | | | | | | | | | | | | | | |
| 9TP | N/A | N/A | N/A | 0.08 | N/A | >200 | >200 | >200 | >200 | ✔ | 0.10 | N/A | N/A | |
| 10L1 | | | | | | | | | | | | | | |

* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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# 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: | Building 7 Riser | Supply to distribution board is from: | Main Panel Board [7TP] | No of phases: | 3 | Nominal voltage: | 400 | V | |
| Distribution board designation: | Busbar Riser Building 7 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10L2 | Way taken by Tap Off DB/CL17 | | | | | | | | | | | | |
| 10L3 | DB/CL17 | G | E | 1 | 16 | 16 | 5 | 60947-2 | | 63 | 36 | N/A | 0.38 |
| 11TP | Passenger Lift | G | E | 1 | 10 | 10 | 0.4 | 60947-2 | | 32 | 36 | N/A | 0.48 |
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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 | O (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

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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 | | | | | |
| $Z_s$ ☆ | 0.06 Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A | ms |
| $I_{pf}$ ☆ | 3.5 kA | | At $5I_{\Delta n}$ (if applicable) | N/A | ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 10L2 | | | | | | | | | | | | | | |
| 10L3 | N/A | N/A | N/A | 0.06 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.09 | N/A | N/A | |
| 11TP | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.14 | N/A | N/A | |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | GF Common Room | Supply to distribution board is from: | Busbar Riser Building 7 [1L3] | No of phases: | 1 | Nominal voltage: | 230 | V |
| Distribution board designation: | DB/CL2 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Common Room Lighting | A | E | 6 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2 | Bedroom Lighting | A | E | 8 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3 | Bedroom Lighting | A | E | 8 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4 | Bedroom Lighting | A | E | 8 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | SPARE | | | | | | | | | | | | |
| 6 | Common Room Cooker 1 | A | E | 1 | 10 | 6 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 7 | SPARE | | | | | | 0.4 | | | | | | |
| 8 | Common Room Ring Main 1 | A | E | 3 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 9 | Common Room Ring Main 2 | A | E | 5 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 10 | Bedroom Power 1 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 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 | O (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 | |





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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 | | | | | |
| $Z_s$ ☆ | 0.08 | 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 |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | |
| 1 | N/A | N/A | N/A | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.33 | 38.0 | 28.4 | ✔ |
| 2 | N/A | N/A | N/A | 0.54 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.62 | 38.3 | 28.6 | ✔ |
| 3 | N/A | N/A | N/A | 0.75 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.82 | 37.9 | 27.7 | ✔ |
| 4 | N/A | N/A | N/A | 0.81 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.89 | 38.5 | 29.0 | ✔ |
| 5 | | | | | | | | | | | | | | |
| 6 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.15 | 39.1 | 28.3 | ✔ |
| 7 | | | | | | | | | | | | | | |
| 8 | 0.34 | 0.34 | 0.45 | 0.22 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.29 | 38.7 | 28.7 | ✔ |
| 9 | 0.38 | 0.38 | 0.50 | 0.28 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.35 | 38.0 | 28.3 | ✔ |
| 10 | 0.34 | 0.33 | 0.49 | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.34 | 37.7 | 29.0 | ✔ |
| 11 | 0.42 | 0.42 | 0.48 | 0.12 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.47 | 39.1 | 28.5 | ✔ |
| 12 | 0.49 | 0.49 | 0.65 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.44 | 38,5 | 28.6 | ✔ |
| 13 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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: | 1st Floor Common Room | Supply to distribution board is from: | Busbar Riser Building 7 [2L1] | No of phases: | 1 | Nominal voltage: | 230 | V |
| Distribution board designation: | DB/CL5 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Common Room Lighting | A | E | 6 | 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 | 10 | 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 | 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 | 3 | 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 Power 1 | A | E | 12 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 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 | | | | | | | | | | | | |
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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 | O (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

NICEIC APPROVED CONTRACTOR

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* Delete as appropriate

Original (To the person ordering the work)

# 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 |
| $I_{pf}$ ☆ | 2.3 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | 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 | ✔ | 0.29 | 38.0 | 28.0 | ✔ |
| 2 | N/A | N/A | N/A | 0.71 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.83 | 40.0 | 28.7 | ✔ |
| 3 | N/A | N/A | N/A | 0.62 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.74 | 38.1 | 28.2 | ✔ |
| 4 | N/A | N/A | N/A | 0.68 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.82 | 38.1 | 28.2 | ✔ |
| 5 | | | | | | | | | | | | | | |
| 6 | 0.39 | 0.39 | 0.58 | 0.18 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.30 | 38.0 | 28.1 | ✔ |
| 7 | 0.30 | 0.30 | 0.45 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.29 | 38.0 | 28.0 | ✔ |
| 8 | N/A | N/A | N/A | 0.08 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.17 | 38.0 | 28.1 | ✔ |
| 9 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.16 | 38.0 | 28.0 | ✔ |
| 10 | 0.40 | 0.40 | 0.61 | 0.14 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.26 | 38.0 | 28.0 | ✔ |
| 11 | 0.28 | 0.28 | 0.42 | 0.15 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.26 | 38.1 | 28.2 | ✔ |
| 12 | 0.32 | 0.32 | 0.56 | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.22 | 38.0 | 28.0 | ✔ |
| 13 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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ICNC/IPNC* 00539494
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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 | Supply to distribution board is from: | Busbar Riser Building 7 [3L1] | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Common Room Lighting | A | E | 6 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2 | Bedroom Lighting | A | E | 12 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3 | Bedroom Lighting | A | E | 8 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4 | Bedroom Lighting | A | E | 8 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | SPARE | | | | | | | | | | | | |
| 6 | Common Room Ring Main 1 | A | E | 12 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 7 | Common Room Ring Main 2 | A | E | 8 | 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 Power 1 | A | E | 12 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 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 | O (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

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Original (To the person ordering the work)

# 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 |
| $I_{pf}$ ☆ | 2.2 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (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 | ✔ | 0.27 | 38.0 | 28.0 | ✔ |
| 2 | N/A | N/A | N/A | 0.83 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.85 | 39.9 | 29.6 | ✔ |
| 3 | N/A | N/A | N/A | 0.57 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.72 | 41.1 | 31.2 | ✔ |
| 4 | N/A | N/A | N/A | 0.77 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.79 | 40.9 | 30.3 | ✔ |
| 5 | | | | | | | | | | | | | | |
| 6 | 0.36 | 0.36 | 0.53 | 0.18 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.39 | 37.9 | 28.0 | ✔ |
| 7 | 0.29 | 0.29 | 0.46 | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.34 | 38.0 | 28.7 | ✔ |
| 8 | N/A | N/A | N/A | 0.09 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.0 | 28.1 | ✔ |
| 9 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.19 | 38.0 | 28.1 | ✔ |
| 10 | 0.49 | 0.49 | 0.68 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.26 | 38.1 | 28.2 | ✔ |
| 11 | 0.45 | 0.45 | 0.66 | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.34 | 38.1 | 28.2 | ✔ |
| 12 | 0.36 | 0.36 | 0.56 | 0.24 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.33 | 38.0 | 28.1 | ✔ |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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# 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 Riser | Supply to distribution board is from: | Busbar Riser Building 7 [4TP] | No of phases: | 3 | Nominal voltage: | 230 | V |
| Distribution board designation: | DB/LL2 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1TP | DB/LL2/L | | | | | | | | | | | | |
| 2TP | DB/LL2/P | | | | | | | | | | | | |
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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 | O (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

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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 | | | | | |
| $Z_s$ * | 0.14 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ * | 2.46 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1TP | | | | | | | | | | | | | | |
| 2TP | | | | | | | | | | | | | | |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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* Delete as appropriate

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: | | Supply to distribution board is from: | DB/LL2 [1TP] | No of phases: | 3 | Nominal voltage: | | V |
| Distribution board designation: | DB/LL2/L | Overcurrent protective device for the distribution circuit: Type: BS (EN) | | Rating: | A | Associated RCD (if any) : BS (EN) | RCD No of poles: | $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↑ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | Ground Floor Staircase 3 Lighting | A | E | 5 | 2.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 1L2 | First Floor Staircase 3 Lighting | A | E | 5 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 1L3 | Second Floor Staircase 3 Lighting | A | E | 5 | 2.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2L1 | Ground Floor Corridor Lighting | A | E | 10 | 2.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2L2 | First Floor Corridor Lighting | A | E | 5 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2L3 | Second Floor Corridor Lighting | A | E | 5 | 2.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3L1 | Ground Floor Corridor Lighting | A | E | 6 | 2.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3L2 | First Floor Corridor Lighting | A | E | 5 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3L3 | Second Floor Corridor Lighting | A | E | 5 | 2.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4L1 | Bus Power Supply | A | E | 1 | 2.5 | 1.5 | 0.4 | 61009 | C | 16 | 10 | 30 | 1.44 |
| 4L2 | SPARE | | | | | | | | | | | | |
| 4L3 | SPARE | | | | | | | | | | | | |
| 5L1 | Colonnade Lighting | A | E | 4 | 2.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5L2 | SPARE | | | | | | | | | | | | |
| 5L3 | SPARE | | | | | | | | | | | | |
| 6L1 | External Entrance Lighting | A | E | 1 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 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 | O (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

NICEIC APPROVED CONTRACTOR

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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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | 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 | ✔ | 0.49 | 37.9 | 28.8 | ✔ |
| 1L2 | N/A | N/A | N/A | 0.33 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.45 | 38.0 | 28.1 | ✔ |
| 1L3 | N/A | N/A | N/A | 0.40 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.51 | 38.0 | 24.0 | ✔ |
| 2L1 | N/A | N/A | N/A | 0.68 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.83 | 38.0 | 28.1 | ✔ |
| 2L2 | N/A | N/A | N/A | 0.60 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.74 | 38.0 | 28.0 | ✔ |
| 2L3 | N/A | N/A | N/A | 0.70 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.84 | 38.1 | 28.1 | ✔ |
| 3L1 | N/A | N/A | N/A | 1.02 | N/A | N/A | >200 | >200 | >200 | ✔ | 1.16 | 38.0 | 28.1 | ✔ |
| 3L2 | N/A | N/A | N/A | 0.92 | N/A | N/A | >200 | >200 | >200 | ✔ | 1.06 | 38.1 | 28.1 | ✔ |
| 3L3 | N/A | N/A | N/A | 0.97 | N/A | N/A | >200 | >200 | >200 | ✔ | 1.11 | 38.0 | 28.2 | ✔ |
| 4L1 | N/A | N/A | N/A | 0.21 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.33 | 38.0 | 28.1 | ✔ |
| 4L2 | | | | | | | | | | | | | | |
| 4L3 | | | | | | | | | | | | | | |
| 5L1 | N/A | N/A | N/A | | N/A | N/A | >200 | >200 | >200 | ✔ | | 38.0 | 28.1 | ✔ |
| 5L2 | | | | | | | | | | | | | | |
| 5L3 | | | | | | | | | | | | | | |
| 6L1 | N/A | N/A | N/A | | N/A | N/A | >200 | >200 | >200 | ✔ | | 38.1 | 28.1 | ✔ |
| 6L2 | | | | | | | | | | | | | | |
| 6L3 | | | | | | | | | | | | | | |
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☆ *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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

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# 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: | Supply to distribution board is from: DB/LL2 [2TP] No of phases: 3 Nominal voltage: V |
| Distribution board designation: DB/LL2/P | Overcurrent protective device for the distribution circuit: Associated RCD (if any) : BS (EN) |
| | Type: BS (EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↑ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | Cleaners Sockets Ground Floor | A | E | 5 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 1L2 | Cleaners Sockets First Floor | A | E | 5 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 1L3 | Cleaners Sockets Second Floor | A | E | 5 | 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 | Second Floor Smoke Shaft AOD | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 2L3 | First Floor Smoke Shaft AOD | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 3L1 | Ground Floor Powered Doors | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 3L2 | Second Floor Door Access PSU | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 3L3 | First Floor Door Access PSU | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 4L1 | Ground Floor Door Hold Open Device | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 4L2 | SPARE | | | | | | | | | | | | |
| 4L3 | SPARE | | | | | | | | | | | | |
| 5L1 | Ground Floor Intercom Unit | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 5L2 | SPARE | | | | | | | | | | | | |
| 5L3 | SPARE | | | | | | | | | | | | |
| 6L1 | Ground Floor Smoke Shaft AOD | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 6L2 | SPARE | | | | | | | | | | | | |
| 6L3 | SPARE | | | | | | | | | | | | |
| 7L1 | SPARE | | | | | | | | | | | | |
| 7L2 | SPARE | | | | | | | | | | | | |
| 7L3 | SPARE | | | | | | | | | | | | |
| 8L1 | SPARE | | | | | | | | | | | | |
| 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 | O (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

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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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | 0.90 | 0.90 | 1.24 | 0.37 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.50 | 38.1 | 28.2 | ✔ |
| 1L2 | 0.80 | 0.80 | 0.98 | 0.30 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.44 | 38.1 | 28.2 | ✔ |
| 1L3 | 0.86 | 0.86 | 1.21 | 0.34 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.48 | 38.1 | 28.2 | ✔ |
| 2L1 | N/A | N/A | N/A | 0.23 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.37 | N/A | N/A | |
| 2L2 | N/A | N/A | N/A | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.40 | N/A | N/A | |
| 2L3 | N/A | N/A | N/A | 0.18 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.31 | N/A | N/A | |
| 3L1 | N/A | N/A | N/A | 0.21 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.34 | N/A | N/A | |
| 3L2 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.29 | N/A | N/A | |
| 3L3 | N/A | N/A | N/A | 0.14 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.27 | N/A | N/A | |
| 4L1 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.29 | N/A | N/A | |
| 4L2 | | | | | | | | | | | | | | |
| 4L3 | | | | | | | | | | | | | | |
| 5L1 | N/A | N/A | N/A | 0.24 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.34 | N/A | N/A | |
| 5L2 | | | | | | | | | | | | | | |
| 5L3 | | | | | | | | | | | | | | |
| 6L1 | N/A | N/A | N/A | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.26 | N/A | N/A | |
| 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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

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# 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: | 2nd Floor Common Room | Supply to distribution board is from: | Busbar Riser Building 7 [5L2] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL9 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 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 | SPARE | | | | | | | | | | | | |
| 6 | Common Room Ring Main 1 | A | E | 3 | 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 | SPARE | | | | | | | | | | | | |
| 11 | Bedroom Power 1 | A | E | 3 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 2 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Bedroom Power 3 | 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 | | | | | | | | | | | | |
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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 | O (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 | |





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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 |
| $I_{pf}$ ☆ | 2.6 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.25 | 37.9 | 28.1 | ✔ |
| 2 | N/A | N/A | N/A | 0.78 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.79 | 40.4 | 30.2 | ✔ |
| 3 | N/A | N/A | N/A | 0.59 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.61 | 38.3 | 28.2 | ✔ |
| 4 | N/A | N/A | N/A | 0.68 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.70 | 38.2 | 28.3 | ✔ |
| 5 | | | | | | | | | | | | | | |
| 6 | 0.39 | 0.39 | 0.58 | 0.23 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.32 | 38.1 | 28.0 | ✔ |
| 7 | 0.31 | 0.31 | 0.48 | 0.17 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.23 | 38.1 | 28.1 | ✔ |
| 8 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.17 | 38.0 | 28.0 | ✔ |
| 9 | N/A | N/A | N/A | 0.11 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.1 | 28.1 | ✔ |
| 10 | | | | | | | | | | | | | | |
| 11 | 0.44 | 0.44 | 0.61 | 0.21 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.66 | 37.9 | 28.0 | ✔ |
| 12 | 0.28 | 0.28 | 0.42 | 0.13 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.52 | 38.0 | 28.1 | ✔ |
| 13 | 0.31 | 0.31 | 0.44 | 0.12 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.51 | 37.9 | 28.1 | ✔ |
| 14 | | | | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





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# 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: | 2nd Floor Common Room | Supply to distribution board is from: | Busbar Riser Building 7 [6L3] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL10 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 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 | 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 | 3 | 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 Power 1 | A | E | 12 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 6 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 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 | O (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

NICEIC APPROVED CONTRACTOR

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* Delete as appropriate

Original (To the person ordering the work)

# 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 |
| $I_{pf}$ ☆ | 2.5 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | |
| 1 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.27 | 37.9 | 28.2 | ✔ |
| 2 | N/A | N/A | N/A | 0.93 | N/A | N/A | >200 | >200 | >200 | ✔ | 1.34 | 39.9 | 29.7 | ✔ |
| 3 | N/A | N/A | N/A | 0.74 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.84 | 38.1 | 28.3 | ✔ |
| 4 | N/A | N/A | N/A | 0.63 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.78 | 40.6 | 30.6 | ✔ |
| 5 | | | | | | | | | | | | | | |
| 6 | 0.35 | 0.35 | 0.48 | 0.22 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.31 | 38.0 | 28.0 | ✔ |
| 7 | 0.28 | 0.28 | 0.39 | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.25 | 37.9 | 28.0 | ✔ |
| 8 | N/A | N/A | N/A | 0.11 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.19 | 38.0 | 28.0 | ✔ |
| 9 | N/A | N/A | N/A | 0.10 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.0 | 28.0 | ✔ |
| 10 | 0.53 | 0.53 | 0.76 | 0.24 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.45 | 38.1 | 28.1 | ✔ |
| 11 | 0.45 | 0.45 | 0.68 | 0.22 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.44 | 38.1 | 28.1 | ✔ |
| 12 | 0.31 | 0.31 | 0.44 | 0.23 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.30 | 37.9 | 27.9 | ✔ |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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ICNC/IPNC*
* Delete as appropriate
00539494

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: | 3rd floor Common Room | Supply to distribution board is from: | Busbar Riser Building 7 [7L1] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL13 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 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 | SPARE | | | | | | | | | | | | |
| 6 | Common Room Ring Main 1 | A | E | 3 | 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 | SPARE | | | | | | | | | | | | |
| 11 | Bedroom Power 1 | A | E | 12 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 2 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Bedroom Power 3 | 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 | | | | | | | | | | | | |
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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 | O (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

Original (To the person ordering the work)

# 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 |
| $I_{pf}$ * | 2.5 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$* | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.27 | 38.0 | 28.0 | ✔ |
| 2 | N/A | N/A | N/A | 0.76 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.78 | 39.8 | 29.7 | ✔ |
| 3 | N/A | N/A | N/A | 0.58 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.64 | 38.3 | 28.4 | ✔ |
| 4 | N/A | N/A | N/A | 0.58 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.67 | 38.1 | 28.3 | ✔ |
| 5 | | | | | | | | | | | | | | |
| 6 | 0.34 | 0.34 | 0.56 | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.29 | 37.9 | 27.9 | ✔ |
| 7 | 0.40 | 0.40 | 0.64 | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.41 | 38.1 | 28.1 | ✔ |
| 8 | N/A | N/A | N/A | 0.08 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.8 | 28.1 | ✔ |
| 9 | N/A | N/A | N/A | 0.08 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.0 | 28.1 | ✔ |
| 10 | | | | | | | | | | | | | | |
| 11 | 0.43 | 0.43 | 0.64 | 0.21 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.64 | 38.1 | 28.0 | ✔ |
| 12 | 0.24 | 0.24 | 0.32 | 0.15 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.56 | 37.9 | 28.0 | ✔ |
| 13 | 0.27 | 0.27 | 0.36 | 0.14 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.57 | 38.1 | 28.1 | ✔ |
| 14 | | | | | | | | | | | | | | |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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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: | 3rd Floor Common Room | Supply to distribution board is from: | Busbar Riser Building 7 [8L2] | No of phases: | 1 | Nominal voltage: | 230 | V | |
| Distribution board designation: | DB/CL14 | 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 | $I_{\Delta n}$ | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Overcurrent protective devices Type | Overcurrent protective devices Rating (A) | Overcurrent protective devices Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 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 | 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 | 3 | 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 Power 1 | A | E | 12 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 8 | 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 | O (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

NICEIC APPROVED CONTRACTOR

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* Delete as appropriate

Original (To the person ordering the work)

# 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 |
| $I_{pf}$ ☆ | 2.6 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | |
| 1 | N/A | N/A | N/A | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.50 | 38.1 | 28.0 | ✔ |
| 2 | N/A | N/A | N/A | 0.83 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.85 | 38.2 | 28.4 | ✔ |
| 3 | N/A | N/A | N/A | 0.74 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.76 | 38.3 | 28.3 | ✔ |
| 4 | N/A | N/A | N/A | 0.63 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.69 | 38.2 | 28.3 | ✔ |
| 5 | | | | | | | | | | | | | | |
| 6 | 0.24 | 0.24 | 0.35 | 0.58 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.70 | 38.0 | 28.1 | ✔ |
| 7 | 0.34 | 0.34 | 0.51 | 0.11 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.22 | 38.1 | 28.0 | ✔ |
| 8 | N/A | N/A | N/A | 0.08 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.20 | 38.0 | 28.0 | ✔ |
| 9 | N/A | N/A | N/A | 0.07 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.18 | 38.0 | 28.1 | ✔ |
| 10 | 0.50 | 0.50 | 0.72 | 0.23 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.70 | 38.1 | 28.3 | ✔ |
| 11 | 0.43 | 0.43 | 0.68 | 0.23 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.43 | 38.0 | 28.2 | ✔ |
| 12 | 0.31 | 0.31 | 0.44 | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.56 | 37.9 | 28.0 | ✔ |
| 13 | | | | | | | | | | | | | | |
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| 15 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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00539494

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: | 3rd Floor Riser | Supply to distribution board is from: | Busbar Riser Building 7 [9TP] | No of phases: | 3 | Nominal voltage: | 400 | V |
| | | Overcurrent protective device for the distribution circuit: | | Associated RCD (if any) : BS (EN) | Not Applicable | | | |
| Distribution board designation: | DB/LL4 | Type: BS (EN) | 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1TP | DB/LL4/L | | | | | | | | | | | | |
| 2TP | DB/LL4/P | | | | | | | | | | | | |
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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 | O (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

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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 | | | | | |
| $Z_s$ ☆ | 0.10 | Ω | Operating times of associated RCD (if any) | At $I_{\Delta n}$ | N/A ms |
| $I_{pf}$ ☆ | 5.2 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1TP | | | | | | | | | | | | | | |
| 2TP | | | | | | | | | | | | | | |
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* *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details

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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: | Supply to distribution board is from: DB/LL4 [1TP] No of phases: 3 Nominal voltage: V |
| Distribution board designation: DB/LL4/L | Overcurrent protective device for the distribution circuit: Associated RCD (if any) : BS (EN) |
| | Type: BS (EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↑ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1L1 | Third Floor Stair 3 Lighting | A | E | 5 | 1.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 1L2 | Fourth Floor Stair 3 Lighting | A | E | 5 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 1L3 | SPARE | | | | | | | | | | | | |
| 2L1 | Third Floor Corridor Lighting | A | E | 5 | 2.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2L2 | Fourth Floor Corridor Lighting | A | E | 5 | 2.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 2L3 | SPARE | | | | | | | | | | | | |
| 3L1 | Third Floor Corridor Lighting | A | E | 5 | 2.5 | 1.5 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 3L2 | Fifth Floor Plant Stair Lighting | A | E | 5 | 1.5 | 1 | 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 | | | | | | | | | | | | |
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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 | O (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

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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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | N/A | N/A | N/A | 0.43 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.52 | 38.0 | 28.2 | ✔ |
| 1L2 | N/A | N/A | N/A | 0.49 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.58 | 38.1 | 28.1 | ✔ |
| 1L3 | | | | | | | | | | | | | | |
| 2L1 | N/A | N/A | N/A | 0.54 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.63 | 38.0 | 28.2 | ✔ |
| 2L2 | N/A | N/A | N/A | 0.60 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.69 | 38.0 | 28.2 | ✔ |
| 2L3 | | | | | | | | | | | | | | |
| 3L1 | N/A | N/A | N/A | 0.56 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.65 | 37.9 | 28.1 | ✔ |
| 3L2 | N/A | N/A | N/A | 0.71 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.80 | 38.0 | 28.1 | ✔ |
| 3L3 | | | | | | | | | | | | | | |
| 4L1 | | | | | | | | | | | | | | |
| 4L2 | | | | | | | | | | | | | | |
| 4L3 | | | | | | | | | | | | | | |
| 5L1 | | | | | | | | | | | | | | |
| 5L2 | | | | | | | | | | | | | | |
| 5L3 | | | | | | | | | | | | | | |
| 6L1 | | | | | | | | | | | | | | |
| 6L2 | | | | | | | | | | | | | | |
| 6L3 | | | | | | | | | | | | | | |
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☆ *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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

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# 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: | Supply to distribution board is from: DB/LL4 [2TP] — No of phases: 3 — Nominal voltage: V |
| Distribution board designation: DB/LL4/P | Overcurrent protective device for the distribution circuit: Associated RCD (if any) : BS (EN) — Type: BS (EN) — Rating: A — RCD No of poles: — $I_{\Delta n}$ mA |

## CIRCUIT DETAILS

| Circuit number and line | Circuit designation | Type of wiring (see code below) | Reference method ↟ | Number of points served | Circuit conductors: csa Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | Third Floor Smoke Shaft AOD | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 2L2 | Fourth Floor Smoke Shaft AOD | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | N/A | 1.44 |
| 2L3 | SPARE | | | | | | | | | | | | |
| 3L1 | Third Floor Door Access PSU | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 3L2 | Fourth Floor Door Access PSU | A | E | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 10 | N/A | 2.88 |
| 3L3 | SPARE | | | | | | | | | | | | |
| 4L1 | SPARE | | | | | | | | | | | | |
| 4L2 | Fourth Floor Head of Stair Core AOV | O | E | 1 | 2.5 | 2.5 | 0.4 | 60898 | C | 16 | 10 | 30 | 1.44 |
| 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 | | | | | | | | | | | | |

* *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 | O (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

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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

$I_{pf}$ ☆ kA

Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; 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 *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1L1 | 0.85 | 0.85 | 1.28 | 0.36 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.46 | 38.0 | 28.1 | ✔ |
| 1L2 | 0.93 | 0.93 | 1.39 | 0.42 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.52 | 38.0 | 28.1 | ✔ |
| 1L3 | | | | | | | | | | | | | | |
| 2L1 | N/A | N/A | N/A | 0.31 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.40 | N/A | N/A | ✔ |
| 2L2 | N/A | N/A | N/A | 0.40 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.50 | N/A | N/A | |
| 2L3 | | | | | | | | | | | | | | |
| 3L1 | N/A | N/A | N/A | 0.20 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.30 | N/A | N/A | |
| 3L2 | N/A | N/A | N/A | 0.26 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.36 | N/A | N/A | |
| 3L3 | | | | | | | | | | | | | | |
| 4L1 | | | | | | | | | | | | | | |
| 4L2 | N/A | N/A | N/A | 0.42 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.52 | N/A | N/A | |
| 4L3 | | | | | | | | | | | | | | |
| 5L1 | | | | | | | | | | | | | | |
| 5L2 | | | | | | | | | | | | | | |
| 5L3 | | | | | | | | | | | | | | |
| 6L1 | | | | | | | | | | | | | | |
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| 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: Position:

Name: (CAPITALS) Date of testing:





See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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ICNC/IPNC*
* Delete as appropriate
00539494

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: | 4th Floor Common Room | Supply to distribution board is from: | Busbar Riser Building 7 [10L3] | No of phases: | 1 | Nominal voltage: | 230 | V |
| Distribution board designation: | DB/CL17 | Overcurrent protective device for the distribution circuit: Type: BS (EN) | 60947-2 | Rating: | 63 A | Associated RCD (if any) : BS (EN) / RCD No of poles: | Not Applicable | $I_{\Delta n}$ 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 Live (mm²) | Circuit conductors: csa cpc (mm²) | Max. disconnection time permitted by BS 7671 (s) | Overcurrent protective devices BS (EN) | Type | Rating (A) | Short-circuit capacity (kA) | RCD Operating current, $I_{\Delta n}$ (mA) | Maximum $Z_s$ permitted by BS 7671 (Ω) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting Common Room | A | E | 6 | 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 | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 4 | Lighting Bedroom 3 | A | E | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 5 | Lighting Bedroom 4 | A | E | 10 | 1.5 | 1 | 0.4 | 61009 | C | 10 | 10 | 30 | 2.3 |
| 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 | 3 | 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 Power 1 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 11 | Bedroom Power 2 | A | E | 8 | 2.5 | 1.5 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 12 | Bedroom Power 3 | A | E | 8 | 2.5 | 1 | 0.4 | 61009 | B | 32 | 10 | 30 | 1.44 |
| 13 | Bedroom Power 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 | | | | | | | | | | | | |
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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 | O (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

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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 |
| $I_{pf}$ ☆ | 2.5 | kA | | At $5I_{\Delta n}$ (if applicable) | N/A ms |

**Test instruments (serial numbers) used:**

| | | | |
|---|---|---|---|
| Earth fault loop impedance | | RCD | |
| Insulation resistance | | Multi-function | 070409/9887 |
| Continuity | | Other | |

## TEST RESULTS

| Circuit number and line | Circuit impedances (Ω) | | | | | Insulation resistance *Record lower or lowest value* | | | | Polarity | Maximum measured earth fault loop impedance, $Z_s$☆ | 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) | $(R_1 + R_2)$ | $R_2$ | (MΩ) | (MΩ) | (MΩ) | (MΩ) | (✓) | (Ω) | at $I_{\Delta n}$ (ms) | at $5I_{\Delta n}$ (if applicable) (ms) | (✓) |
| 1 | N/A | N/A | N/A | 0.14 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.31 | 37.8 | 27.9 | ✔ |
| 2 | N/A | N/A | N/A | 0.62 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.63 | 38.1 | 28.1 | ✔ |
| 3 | N/A | N/A | N/A | 0.73 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.74 | 38.1 | 28.2 | ✔ |
| 4 | N/A | N/A | N/A | 0.65 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.66 | 38.1 | 28.2 | ✔ |
| 5 | N/A | N/A | N/A | 0.69 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.64 | 38.1 | 28.2 | ✔ |
| 6 | 0.40 | 0.40 | 0.64 | 0.22 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.35 | 37.9 | 28.0 | ✔ |
| 7 | 0.32 | 0.32 | 0.55 | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.23 | 37.9 | 28.2 | ✔ |
| 8 | N/A | N/A | N/A | 0.07 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.15 | 38.0 | 28.0 | ✔ |
| 9 | N/A | N/A | N/A | 0.07 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.16 | 37.9 | 28.0 | ✔ |
| 10 | 0.40 | 0.40 | 0.64 | 0.18 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.56 | 38.0 | 27.9 | ✔ |
| 11 | 0.42 | 0.42 | 0.67 | 0.19 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.59 | 38.0 | 28.1 | ✔ |
| 12 | 0.38 | 0.38 | 0.67 | 0.16 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.54 | 37.9 | 28.0 | ✔ |
| 13 | 0.29 | 0.29 | 0.46 | 0.14 | N/A | N/A | >200 | >200 | >200 | ✔ | 0.58 | 38.1 | 28.2 | ✔ |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
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☆ *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: | | Position: | |
| Name: (CAPITALS) | | Date of testing: | |





See previous page for Schedule of Circuit Details