NORWOOD ELECTRICAL (UK) LTD

ELECTRICAL INSTALLATION CERTIFICATE

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Certificate Reference: 80796

1 DETAILS OF THE CLIENT

Client Address: ~University of Warwick, Estates Office, Porta Cabin, R/O Boiler House, Lord Bhattacharyya Way, Coventry, CV4 7AL

2 DETAILS OF THE INSTALLATION

Installation Address: ~University of Warwick - Lakeside Apartments - 01-135, Estates Office, Porta Cabin, R/O Boiler House, Lord Bhattacharyya Way, Coventry, CV4 7AL

Extent of the installation covered by this certificate: All code 2 and FI remedial work from EICR no 70463 complete. See Further Investigation findings sheet for more information.

The installation is: New installation N/A | Addition to an existing installation N/A | Alteration to an existing installation ✔

3 DESIGN

I/We being the person(s) responsible for the design 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 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 7671:2018, amended to 2020 except for the departures, if any, detailed as follows.

Details of departures from BS 7671 (Regulations 120.3, 133.5):

Details of permitted exceptions (Regulations 411.3.3): Risk assessment attached

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:

Name:	Position:	Signature:	Date:

Where there is divided responsibility for the design:

Name:	Position:	Signature:	Date:

4 CONSTRUCTION

I/We being the person(s) responsible for the construction 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 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 7671:2018, amended to 2020 except for the departures, if any, detailed as follows.

Details of departures from BS 7671 (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 CONSTRUCTION of the installation:

Name:	Position:	Signature:	Date:

5 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 inspection and testing work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with BS 7671:2018, amended to 2020 except for the departures, if any, detailed as follows.

Details of departures from BS 7671 (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:

Name:	Position:	Signature:	Date:

Report reviewed and confirmed by:

Name:	Position:	Signature:	Date:

6 DESIGN, CONSTRUCTION, INSPECTION AND TESTING

I/We being the person(s) responsible for the design, construction, 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 design, construction, inspection and testing, 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 7671:2018, amended to 2020 except for the departures, if any, detailed as follows.

Details of departures from BS 7671 (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, the CONSTRUCTION, and the INSPECTION AND TESTING of the installation:

Name:	Position:	Signature:	Date:
Conor Gilhooly	Electrician		22/04/2022

Report reviewed and confirmed by:

Name:	Position:	Signature:	Date:
Brett Irving	Qualified Supervisor		05/05/2022

7 NEXT INSPECTION

I/We the designer(s), RECOMMEND that this installation is further inspected and tested after an interval of not more than: 5 Years

8 DETAILS OF THE ELECTRICAL CONTRACTOR

Design (1)

Trading Title: Norwood (UK) Ltd

Address: The Coach House, Lockington Hall, Lockington, Derbyshire

Postcode: DE74 2RH

Registration Number (if applicable): 032788

Telephone Number: 0844 800 5540

Design (2)

Trading Title: Same as Above

Address:

Postcode:

Registration Number (if applicable):

Telephone Number:

Construction

Trading Title: Same as Above

Address:

Postcode:

Registration Number (if applicable):

Telephone Number:

Inspection and Testing

Trading Title: Same as Above

Address:

Postcode:

Registration Number (if applicable):

Telephone Number:

9 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements

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

Number and Type of Live Conductors

		ac:	✔	dc:	N/A
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:	N/A
Other:	N/A				

Confirmation of supply polarity: ✔

Nature of Supply Parameters

Nominal voltage(s): U:	400 V Uo: 230 V
Nominal frequency, f:	50 Hz
Prospective fault current, Ipf:	LIM kA
External earth fault loop impedance, Ze:	LIM Ω
Number of supplies:	1

Supply Protective Device

BS(EN):	LIM
Type:	LIM
Rated current:	LIM A
Short-circuit capacity:	LIM kA

10 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

Means of Earthing

Distributor's facility: ✔

Installation earth electrode: N/A

Details of Installation Earth Electrode (where applicable)

Type:

Resistance to Earth: Ω

Location:

Method of measurement:

Maximum Demand (Load): LIM Amps

Protective measure(s) against electric shock: ADS

Main Switch / Switch-Fuse / Circuit-Breaker / RCD

Type BS(EN): 5419 Isolator

Number of poles: 3

Current rating: 400 A

Fuse/device rating or setting: N/A A

Voltage rating: 499 V

Supply conductors material: Copper

Supply conductors csa: 2 X mm²

If RCD main switch:

Rated residual operating current (IΔn): mA

Rated time delay: ms

Measured operating time (at IΔn): ms

Earthing and Protective Bonding Conductors

Earthing conductor

Conductor material: Copper csa: 95 mm² Connection/continuity verified: ✔

Main protective bonding conductors

Conductor material: Copper csa: 35 mm² Connection/continuity verified: ✔

Bonding of extraneous-conductive parts

To water installation pipes: ✔

To gas installation pipes: ✔

To oil installation pipes: ✔

To lightning protection: N/A

To structural steel: N/A

To other service(s): N/A

11 COMMENTS ON EXISTING INSTALLATION

None

12 INSPECTION SCHEDULE

Item No	Description	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)	
1.1	Service cable	Pass
1.2	Service head	Pass
1.3	Earthing arrangement	Pass
1.4	Meter tails	Pass
1.5	Metering equipment	Pass
1.6	Isolator (where present)	Pass
2.0	PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY	
2.1	Presence of adequate arrangements where generator to operate as a switched alternative (551.6):	
2.1.1	Dedicated earthing arrangement independent of that of the public supply (551.4.3.2.1)	N/A
2.2	Presence of adequate arrangements where generator to operate in parallel with the public supply system (551.7):	
2.2.1	Correct connection of generator in parallel (551.7.2)	N/A
2.2.2	Compatibility of characteristics of means of generation (551.7.3)	N/A
2.2.3	Means to provide automatic disconnection of generator in the event of loss of public supply system or voltage or frequency deviation beyond declared values (551.7.4)	N/A
2.2.4	Means to prevent connection of generator in the event of loss of public supply system or voltage or frequency deviation beyond declared values (551.7.5)	N/A
2.2.5	Means to isolate generator from the public supply system (551.7.6)	N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY	
3.1	Presence and adequacy of protective earthing/bonding arrangements (411.3; Chapter 54):	
3.1.1	Distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or installation earth electrode arrangement (542.1.2.3)	Pass
3.1.2	Earthing conductor and connections (Section 526; 542.3; 542.3.2; 543.1.1)	Pass
3.1.3	Main protective bonding conductors and connections (Section 526; 544.1; 544.1.2)	Pass
3.1.4	Earthing/bonding labels at all appropriate locations (514.13)	Pass
3.2	Accessibility of:	
3.2.1	Earthing conductor connections	Pass
3.2.2	All protective bonding connections (543.3.2)	Pass
3.3	FELV – requirements satisfied (411.7; 411.7.1)	N/A
4.0	BASIC AND FAULT PROTECTION (where used, confirmation that the requirements are satisfied)	
4.1	SELV (Section 414)	N/A
4.2	PELV (Section 414)	N/A
4.3	Double insulation (Section 412)	N/A
4.4	Reinforced insulation (Section 412)	N/A
5.0	BASIC PROTECTION	
5.1	Insulation of live parts (416.1)	Pass
5.2	Barriers or enclosures (416.2; 416.2.1)	Pass
5.3	Obstacles (Section 417; 417.2.1; 417.2.2)	N/A
5.4	Placing out of reach (Section 417; 417.3)	N/A
6.0	FAULT PROTECTION	
6.1	Non-conducting location (418.1)	N/A
6.2	Earth-free local equipotential bonding (418.2)	N/A
6.3	Electrical separation (Section 413; 418.3)	N/A

13 INSPECTION SCHEDULE (CONTINUED)

Item No	Description	Outcome
7.0	ADDITIONAL PROTECTION	
7.1	RCDs not exceeding 30 mA as specified (415.1)	Pass
7.2	Supplementary bonding (Section 415; 415.2)	N/A
8.0	DISTRIBUTION EQUIPMENT	
8.1	Security of fixing (134.1.1)	Pass
8.2	Insulation of live parts not damaged during erection (416.1)	Pass
8.3	Adequacy/security of barriers (416.2)	Pass
8.4	Suitability of enclosures for IP and fire ratings (416.2; 421.1.6; 421.1.201; 526.5)	Pass
8.5	Enclosures not damaged during installation (134.1.1)	Pass
8.6	Presence and effectiveness of obstacles (417.2)	N/A
8.7	Components are suitable according to manufacturers assembly instructions or literature (536.4.203)	Pass
8.8	Presence of main switch(es), linked where required (462.1.201)	Pass
8.9	Operation of main switch(es) (functional check) (643.10)	Pass
8.10	Manual operation of circuit-breakers and RCDs to prove functionality (643.10)	Pass
8.11	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	Pass
8.12	RCD(s) provided for fault protection, where specified (411.4.204; 411.5.2; 531.2)	N/A
8.13	RCD(s) provided for additional protection, where specified (415.1)	Pass
8.14	Confirmation overvoltage protection (SPDs) provided where specified (534.4.1.1)	N/A
8.15	Presence of RCD six-monthly test notice at or near the origin (514.12.2)	Pass
8.16	Presence of diagrams, charts or schedules at or near each distribution board, where required (514.9.1)	Pass
8.17	Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required (514.14)	Pass
8.18	Presence of alternative supply warning notice at or near (514.15):	
8.18.1	The origin	N/A
8.18.2	The meter position, if remote from origin	N/A
8.18.3	The distribution board to which the alternative/additional sources are connected	N/A
8.18.4	All points of isolation of ALL sources of supply	N/A
8.19	Presence of next inspection recommendation label (514.12.1)	Pass
8.20	Presence of other required labelling (Section 514)	Pass
8.21	Selection of protective device(s) and base(s); correct type and rating (411.3.2; 411.4, .5, .6; Sections 432, 433, 434)	Pass
8.22	Single-pole protective devices in line conductors only (132.14.1; 530.3.3; 643.6)	Pass
8.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	Pass
8.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A
8.25	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	Pass
9.0	CIRCUITS	
9.1	Identification of conductors (514.3.1)	Pass
9.2	Cables correctly supported throughout (522.8.5; 521.10.202)	Pass
9.3	Examination of cables for signs of mechanical damage during installation (522.6.1; 522.8.1; 522.8.3)	Pass
9.4	Examination of insulation of live parts, not damaged during erection (522.6.1; 522.8.1)	Pass
9.5	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	Pass

14 INSPECTION SCHEDULE (CONTINUED)

Item No	Description	Outcome
9.6	Suitability of containment systems (including flexible conduit) (Section 522)	Pass
9.7	Correct temperature rating of cable insulation (522.1.1; Table 52.1)	Pass
9.8	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	Pass
9.9	Adequacy of protective devices: type and fault current rating for fault protection (434.5)	Pass
9.10	Presence and adequacy of circuit protective conductors (411.3.1; 543.1)	Pass
9.11	Coordination between conductors and overload protective devices (433.1; 533.2.1)	Pass
9.12	Wiring systems and cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	Pass
9.13	Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage (522.6.201, 522.6.202, 522.6.203, 522.6.204)	Pass
9.14	Provision of additional protection by RCDs having rated residual operating current (In) not exceeding 30mA:	
9.14.1	For all socket-outlets of rating (32A) or less, unless exempt (411.3.3)	Pass
9.14.2	Supplies for mobile equipment not exceeding 32A rating for use outdoors (411.3.3)	Pass
9.14.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, .203)	Pass
9.14.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.202; .203)	Pass
9.14.5	Circuits supplying luminaires within domestic (household) premises (411.3.4)	N/A
9.15	Provision of fire barriers, sealing arrangements so as to minimize the spread of fire (Section 527)	N/A
9.16	Band II cables segregated/separated from Band I cables (528.1)	N/A
9.17	Cables segregated/separated from non-electrical services (528.3)	Pass
9.18	Termination of cables at enclosures (Section 526):	
9.18.1	Connections under no undue strain (522.8.5; 526.6)	Pass
9.18.2	No basic insulation of a conductor visible outside enclosure (526.8)	Pass
9.18.3	Connections of live conductors adequately enclosed (526.5)	Pass
9.18.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	Pass
9.19	Suitability of circuit accessories for external influences (512.2)	Pass
9.20	Circuit accessories not damaged during erection (134.1.1)	Pass
9.21	Single-pole devices for switching or protection in line conductors only (132.14.1, 530.3.3; 643.6)	Pass
9.22	Adequacy of connections, including cpcs, within accessories and at fixed and stationary equipment (Section 526)	Pass
10.0	ISOLATION AND SWITCHING	
10.1	Isolators (462; 537.2):	
10.1.1	Presence and location of appropriate devices (Section 462; 537.2.7)	Pass
10.1.2	Capable of being secured in the OFF position (537.2.4)	Pass
10.1.3	Correct operation verified (functional check) (643.10)	Pass
10.1.4	The installation, circuit or part thereof that will be isolated clearly identified by location and/or durable marking (537.2.7)	Pass
10.1.5	Warning notice posted in situation where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	N/A
10.2	Switching off for mechanical maintenance (Section 464; 537.3.2):	
10.2.1	Presence of appropriate devices (464.1; 537.3.2)	Pass
10.2.2	Acceptable location - state if local or remote from equipment in question (537.3.2.4)	Pass
10.2.3	Capable of being secured in the OFF position (464.2)	Pass
10.2.4	Correct operation verified (functional check) (643.10)	Pass
10.2.5	The circuit or part thereof to be disconnected clearly identified by location and/or durable marking (537.3.2.3; 537.3.2.4)	Pass

15 INSPECTION SCHEDULE (CONTINUED)

Item No	Description	Outcome
10.3	Emergency switching/stopping (Section 465; 537.3.3; 537.4):	
10.3.1	Presence of appropriate devices (465.1; 537.3.3; 537.4)	N/A
10.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	N/A
10.3.3	Correct operation verified (functional check) (643.10)	N/A
10.3.4	The installation, circuit or part thereof to be disconnected clearly identified by location and/or durable marking (537.3.3.6)	N/A
10.4	Functional switching (463.1; 537.3.1):	
10.4.1	Presence of appropriate devices (537.3.1.1; 537.3.1.2)	Pass
10.4.2	Correct operation verified (functional check) (537.3.1.1; 537.3.1.2; 643.10)	Pass
11.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)	
11.1	Suitability of equipment in terms of IP and fire ratings (416.2; 421.1; 421.1.201; 526.5)	Pass
11.2	Enclosure not damaged/deteriorated during installation so as to impair safety (134.1.1)	Pass
11.3	Suitability for the environment and external influences (512.2)	Pass
11.4	Security of fixing (134.1.1)	Pass
11.5	Cable entry holes in ceilings above luminaires, sized or sealed so as to restrict the spread of fire (527.2)	Pass
11.6	Provision of undervoltage protection, where specified (Section 445)	Pass
11.7	Provision of overload protection, where specified (Section 433; 552.1)	Pass
11.8	Recessed luminaires (downlighters):	
11.8.1	Correct type of lamps fitted (559.3.1)	N/A
11.8.2	Installed to minimize build-up of heat (421.1.2; 559.4.1)	N/A
11.9	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A
12.0	LOCATION(S) CONTAINING A BATH OR SHOWER (SECTION 701)	
12.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	Pass
12.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A
12.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A
12.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A
12.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A
12.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	Pass
12.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	Pass
12.8	Suitability of current-using equipment for particular position within the location (701.55)	Pass
13.0	PART 7 SPECIAL INSTALLATIONS OR LOCATIONS	
13.1		N/A
13.2		N/A
13.3		N/A

All boxes must be completed. 'tick' indicates that an inspection or test was carried out and that the result was satisfactory. 'X' indicates than an inspection or test was carried out and the result is not satisfactory. 'N/A' indicates that an inspection or test was not applicable to the particular installation. 'LIM' indicates that, exceptionally, a limitation agreed with the person ordering the work prevented the inspection or test being carried out.

16 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-012-DB1 Flat 1 (Square D Quick line) Location: 01-135-00-012

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, IΔn mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✔	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✔	AFDD Test button operation ✔
2	Rfc Sockets 008,009,012	B	B	7	2.5	1.5	0.4	4293	B	32	10	30	---	0.56	0.56	0.56	0.35	---	---	>200	500	✔	0.42	14.8	✔	---
6	Fcus - Boiler And Storage Heater	B	B	2	2.5	1.4	0.4	60898	C	16	10	---	1.10	---	---	---	0.08	---	---	>200	500	✔	0.30	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in non metallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in non metallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

17 BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-014-MP1 (Square D I Line) - 1 L3 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.22 Ω Ipf: 1.06 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

18 DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

19 TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 24/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-018-DB1 Flat 2 (Sqaure D Quickline) Location: 01-135-00-018

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, IΔn		r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm²	mm²	s			A	kA	mA	Ω						MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc - Sockets - Kitchen 017	B	B	3	2.5	1.5	0.4	4293	B	32	10	30	---	0.21	0.22	0.21	0.11	---	---	>200	500	✔	0.42	16.5	✔	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-014-MP1 (Square D I Line) - 1 L2 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.26 Ω Ipf: 0.88 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 24/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-01-014-DB1 Flat 3 (Sqaure D Quickline) Location: 01-135-00-014

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
2	Fcus Boiler And Storage Heater	B	B	2	2.5	1.5	0.4	60898	B	16	10	---	2.18	---	---	---	0.16	---	---	> 200	500	✔	0.44	---	---	---
4	Rfc Sockets 009,010,011,014	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.23	0.23	0.24	0.11	---	---	> 200	500	✔	0.28	24.5	✔	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-014-MP1 (Square D I Line) - 1 L1 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.26 Ω Ipf: 0.89 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 01/04/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-01-021-DB1 Flat 4 (Sqaure D Quickline) Location: 01-135-01-021

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, IΔn		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
														r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2								
					mm²	mm²	s			A	kA	mA	Ω						MΩ	MΩ	V	✔	Ω	ms	✔	✔
4	Rfc Sockets 016	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.35	0.34	0.34	0.23	---	---	>999	500	✔	0.31	18.7	✔	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in non metallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in non metallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-014-MP1 (Square D I Line) - 2 L3 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.23 Ω Ipf: 0.99 kA

RCD BS(EN): No of poles: Rating: mA Disconnection time at In: ms Disconnection time at 5In: ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 24/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-029-DB1 Flat 5 (Sqaure D Quickline) Location: 01-135-00-029

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, IΔn mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	Live - Live MΩ	Live - Earth MΩ	Test voltage V	✔	Ω	Disconnection time ms	Test button operation ✔	Test button operation ✔
2	Rfc Sockets 023,025,026,027,028,029	B	B	3	2.5	1.5	0.4	4293	---	32	10	30	1667	0.60	0.60	0.59	0.27	---	---	>200	500	✔	0.48	14.8	✔	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-031-MP1 (Square D I Line) - 1 L3 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.22 Ω Ipf: 1.03 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101925486 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Chung Sze Chan Position: Electrician Signature: Date: 22/04/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-01-026-DB1 Flat 7 (Sqaure D Quickline) Location: 01-135-01-026

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
2	Rfc Sockets 022,024,025,026,027,028	B	B	3	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.32	0.31	0.29	0.18	---	---	>200	500	✔	0.39	24.7	✔	---
4	Fcu Boiler And Storage Heater	B	B	1	2.5	1.5	0.4	60898	B	16	10	30	2.18	---	---	---	0.09	---	---	>200	500	✔	0.45	---	---	---
5	Dp Cooker 027	B	B	1	6	4	0.4	60898	B	32	10	30	1.10	---	---	---	0.08	---	---	>200	500	✔	0.34	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-031-MP1 (Square D I Line) - 1 L1 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.28 Ω Ipf: 0.82 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 25/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-043-DB1 Flat 9 (Sqaure D Quickline) Location: 01-135-00-043

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm²	mm²	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets 045	B	B	7	2.5	1.5	0.4	4293	N/A	32	10	30	1667	0.26	0.24	0.24	0.12	---	---	>200	500	✔	0.36	39.9	✔	---
5	Fcus Boiler And Storage Heater	B	B	2	2.5	2.5	0.4	60898	C	16	10	---	1.10	---	---	---	0.11	---	---	>200	500	✔	0.34	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-047-MP1 (Square D I Line) - 1 L3 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.25 Ω Ipf: 0.91 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 24/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-068-DB1 Flat 14 (Square D Quickline) Location: 01-135-00-068

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
2	Rfc - Sockets - Kitchen 067	B	B	3	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.40	0.40	0.66	0.26	---	---	>200	500	✔	0.68	17	✔	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-064-MP1 (Square D I Line) - 1 L2 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.21 Ω Ipf: 1.07 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 24/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-01-061-DB1 Flat 16 (Sqaure D Quickline) Location: 01-135-01-061

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, IΔn mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✔	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✔	AFDD Test button operation ✔
2	Rfc Sockets 060,061,062,063,065,168	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.36	0.36	0.36	0.16	---	---	>200	500	✔	0.36	29.0	✔	---
3	Rfc Sockets 063	B	B	5	2.5	1.5	0.4	4293	---	32	6	30	---	0.30	0.26	0.27	0.13	---	---	>200	500	✔	0.35	16.4	✔	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in non metallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in non metallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-064-MP1 (Square D I Line) - 2 L1 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.26 Ω Ipf: 0.84 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 31/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-088-DB1 Flat 19 (Sqaure D Quickline) Location: 01-135-00-088

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, IΔn		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets 086,087,088,091	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.21	0.21	0.21	0.08	---	---	>200	500	✔	0.32	28.7	✔	---
5	Fcus Boiler And Storage Heater086	B	B	2	1.5	1.5	0.4	60898	C	16	10	---	1.10	---	---	---	0.13	---	---	>200	500	✔	0.42	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-180-MP1 (Square D I line) - 1 L3 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.26 Ω Ipf: 0.88 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 30/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-095-DB1 Flat 20 (Sqaure D Quickline) Location: 01-135-00-095

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)							Disconnection time	Test button operation	Test button operation
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage					
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets 092,093,094,095,097	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.26	0.27	0.27	0.11	---	---	>200	500	✔	0.38	28.9	✔	---
5	Fcus Boiler 092	B	B	2	6	4	0.4	60898	C	16	10	---	1.10	---	---	---	0.16	---	---	>200	500	✔	0.46	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-180-MP1 (Square D I line) - 2 L1 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.27 Ω Ipf: 0.84 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 30/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-01-086-DB1 Flat 24 (Sqaure D Quickline) Location: 01-135-01-086

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets 084	B	B	3	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.14	0.17	0.25	0.07	---	---	>200	500	✔	0.34	18.8	✔	---
5	Fcus Boiler And Storage Heater	B	B	2	1.5	1.5	0.4	60898	B	16	10	---	2.18	---	---	---	0.02	---	---	>200	500	✔	0.28	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-180-MP1 (Square D I line) - 3 L2 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.27 Ω Ipf: 0.84 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 01/04/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-108-DB1 Flat 28 (Sqaure D Quickline) Location: 01-135-00-108

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, IΔn		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
														r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2								
					mm²	mm²	s			A	kA	mA	Ω						MΩ	MΩ	V	✔	Ω	ms	✔	✔
4	Dp Cooker 110	B	B	1	6	4	0.4	60898	C	40	10	---	0.44	---	---	---	0.10	---	---	>200	500	✔	0.34	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-106-MP1 (Square D I Line) - 1 L2 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.25 Ω Ipf: 0.97 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	101479053	Insulation resistance:	---	Continuity:	---
Earth electrode resistance:	---	Earth fault loop impedance:	---	RCD:	---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 30/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-01-094-DB1 Flat 29 (Sqaure D Quickline) Location: 01-135-01-094

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
2	Rfc Sockets 090,091,092,093,094,096	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.35	0.34	0.37	0.18	---	---	>200	500	✔	0.44	28.9	✔	---
3	Rfc Sockets 093	B	B	3	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.21	0.21	0.28	0.10	---	---	>200	500	✔	0.46	19	✔	---
5	Fcus Boiler And Storage Heater 093	B	B	2	1.5	1.5	0.4	60898	B	16	10	---	2.18	---	---	---	0.16	---	---	>200	500	✔	0.62	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-106-MP1 (Square D I Line) - 1 L3 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.34 Ω Ipf: 0.67 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 30/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-01-099-DB1 Flat 30 (Sqaure D Quickline) Location: 01-135-01-099

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live mm²	cpc mm²	s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, IΔn mA	Ω	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	Live - Live MΩ	Live - Earth MΩ	Test voltage V	✔	Ω	Disconnection time ms	Test button operation ✔	Test button operation ✔
2	Rfc Sockets 098,99,100,101,102,104	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.30	0.32	0.42	0.15	---	---	> 200	500	✔	0.41	24.4	✔	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-106-MP1 (Square D I Line) - 2 L1 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.29 Ω Ipf: 0.78 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: 0 Position: Electrician Signature: Date: 31/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-118-DB1 Flat 31 (Sqaure D Quickline) Location: 01-135-00-118

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets 114	B	B	5	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.35	0.35	0.35	0.26	---	---	>200	500	✔	0.29	28.5	✔	---
4	Fcus Boiler And Storage Heater	B	B	2	2.5	2.5	0.4	60898	C	16	10	---	1.10	---	---	---	0.11	---	---	>200	500	✔	0.34	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-122-MP1 (Square D I Line) - 1 L1 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.24 Ω Ipf: 1.02 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 24/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-133-DB1 Flat 35 (Sqaure D Quickline) Location: 01-135-00-133

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets 135	B	B	5	2.5	1.5	0.4	4293	---	32	6	30	---	0.18	0.18	0.18	0.06	---	---	>200	500	✔	0.38	15.5	✔	---
6	Fcus Boiler And Storage Heater	B	B	2	6	4	0.4	60898	C	16	10	---	1.10	---	---	---	0.15	---	---	>200	500	✔	0.41	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-139-MP1 (Square D I line) - 1 L1 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.29 Ω Ipf: 0.79 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 31/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-151-DB1 Flat 38 (Sqaure D Quickline) Location: 01-135-00-151

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets 154	B	B	5	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.44	0.45	0.41	0.32	---	---	>200	500	✔	0.35	28.9	✔	---
4	Dp Cooker 154	B	B	1	2.5	1.5	0.4	60898	C	40	10	---	0.44	---	---	---	0.07	---	---	>200	500	✔	0.34	---	---	---
5	Fcus Boiler And Storage Heater 154	B	B	2	6	4	0.4	60898	C	16	10	---	1.10	---	---	---	0.19	---	---	>200	500	✔	0.46	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-139-MP1 (Square D I line) - 2 L1 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.29 Ω Ipf: 0.81 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 24/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-01-123-DB1 Flat 39 (Sqaure D Quickline) Location: 01-135-00-123

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, IΔn		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
														r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2								
					mm²	mm²	s			A	kA	mA	Ω						MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets 122	B	B	5	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.21	0.21	0.21	0.08	---	---	>200	500	✔	0.37	28.8	✔	---
4	Fcus Boiler And Storage Heater	B	B	2	6	4	0.4	60898	B	16	10	---	2.18	---	---	---	0.09	---	---	>200	500	✔	0.40	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-139-MP1 (Square D I line) - 2 L2 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.31 Ω Ipf: 0.74 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 24/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-01-129-DB1 Flat 40 (Sqaure D Quickline) Location: 01-135-01-129

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets S 128,129,131,132	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.18	0.15	0.18	0.06	---	---	>200	500	✔	0.33	15	✔	---
5	Fcus Boiler And Storage Heater	B	B	2	2.5	1.5	0.4	60898	C	16	10	---	1.10	---	---	---	0.13	---	---	>200	500	✔	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-139-MP1 (Square D I line) - 2 L1 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.26 Ω Ipf: 0.89 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 24/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-02-021-DB1 Flat 43 (Square D Quickline) Location: 01-135-02-021

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
														r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2								
					mm^2	mm^2	s			A	kA	mA	Ω						MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets 019,020,021,022,023	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.18	0.17	0.18	0.09	---	---	>200	500	✔	0.38	22	✔	---
5	Fcus Boiler And Storage Heater 023	B	B	2	6	4	0.4	60898	C	16	10	---	1.10	---	---	---	0.08	---	---	>200	500	✔	0.43	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-139-MP1 (Square D I line) - 3 L1 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.32 Ω Ipf: 0.71 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 31/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-02-026-DB1 Flat 44 (Sqaure D Quickline) Location: 01-135-02-026

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, IΔn		r_1 (Line)	r_n (Neutral)	r_2 (cpc)	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm²	mm²	s			A	kA	mA	Ω						MΩ	MΩ	V	✔	Ω	ms	✔	✔
2	Rfc Sockets 029	B	B	5	2.5	1.5	0.4	61009	B	32	---	30	1.10	0.21	0.21	0.21	0.09	---	---	>200	500	✔	0.32	29	✔	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-139-MP1 (Square D I line) - 4 L3 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.32 Ω Ipf: 0.71 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 31/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-164-DB1 Flat 46 (Sqaure D Quickline) Location: 01-135-00-164

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
3	Rfc Sockets 024,025,026,027,029	B	B	7	2.5	1.5	0.4	4293	N/A	32	6	30	1667	0.23	0.27	0.35	0.12	---	---	>200	500	✔	0.30	14.9	✔	---
4	Fcus Boiler And Storage Heater	B	B	2	6	4	0.4	60898	C	16	10	---	1.10	---	---	---	0.17	---	---	>200	500	✔	0.49	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									0.21

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-169-MP1 (Square D I Line) - 6 L3 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/V Rating: 63 A Nominal Voltage: 230 V Zs: 0.34 Ω Ipf: 0.68 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 31/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-171-DB1 Flat 47 (Sqaure D Quickline) Location: 01-135-00-171

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
2	Rfc Sockets 171,172,173,174,175	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.27	0.26	0.26	0.10	---	---	>200	500	✔	0.27	29.8	✔	---
5	Fcus Boiler And Storage Heater	B	B	2	2.5	1.5	0.4	60898	C	16	10	---	1.10	---	---	---	0.13	---	---	>200	500	✔	0.41	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-169-MP1 (Square D I Line) - 6 L2 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/V Rating: 63 A Nominal Voltage: 230 V Zs: 0.27 Ω Ipf: 0.86 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Chung Sze Chan Position: Electrician Signature: Date: 31/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-01-164-DB1 Flat 49 (Sqaure D Quickline) Location: 01-135-01-164

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
2	Rfc Sockets 162,163,166,167	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.18	0.17	0.18	0.09	---	---	>200	500	✔	0.33	29.9	✔	---
5	Fcus Boiler And Storage Heater	B	B	2	2.5	1.5	0.4	60898	B	16	10	---	2.18	---	---	---	0.08	---	---	>200	500	✔	0.36	---	---	---

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-169-MP1 (Square D I Line) - 5 L3 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/V Rating: 63 A Nominal Voltage: 230 V Zs: 0.28 Ω Ipf: 0.81 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 31/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-02-033-DB1 Flat 50 (Sqaure D Quickline) Location: 01-135-02-033

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)							Disconnection time	Test button operation	Test button operation
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage					
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
2	RFC Sockets 031,032,033,036	B	B	7	2.5	1.5	0.4	61009	B	32	10	30	1.10	0.24	0.24	0.26	0.15	---	---	>200	500	✔	0.34	29.9	✔	---
5	Fcus Boiler And Storage Heater	B	B	2	2.5	1.5	0.4	60898	B	16	10	---	2.18	---	---	---	0.07	---	---	>200	500	✔	0.39	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-169-MP1 (Square D I Line) - 5 L2 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/V Rating: 63 A Nominal Voltage: 230 V Zs: 0.22 Ω Ipf: 1.03 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 31/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-139-DB1 Hallway (Sqaure D Loadcentre QO | Location: 01-135-00-139

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, IΔn mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✔	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✔	AFDD Test button operation ✔
8	Unknown Circuit - Circuit Isolated	O	C	LIM1	2.5	2.5	0.4	60898	C	6	10	---	2.91	---	---	---	LIM1	---	---	LIM1	---	LIM	LIM1	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in non metallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in non metallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-139-MP1 (Square D I line) - 4 L2 | No of phases: 3 | Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A | Rating: 63 A | Nominal Voltage: 400 V | Zs: 0.32 Ω | Ipf: 0.72 kA

RCD BS(EN): | No of poles: | Rating: mA | Disconnection time at In: ms | Disconnection time at 5In: ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional:	101142850	Insulation resistance:	101142850	Continuity:	101142850
Earth electrode resistance:	N/A	Earth fault loop impedance:	101142850	RCD:	101142850

TESTED BY

Name: Adam McGunigle | Position: Electrician | Signature: | Date: 18/05/2021

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-047-DB1 Hallway (Square D Qucikline) Location: 01-135-00-047

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, IΔn mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✔	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✔	AFDD Test button operation ✔
3	Socket 048	B	B	1	2.5	2.5	0.4	61009	B	16	10	30	2.18	---	---	---	0.08	---	---	>200	500	✔	0.35	16.8	✔	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-047-MP1 (Square D I Line) - 2 L2 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.28 Ω Ipf: 0.82 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Conor Gilhooly Position: Electrician Signature: Date: 01/04/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-006-DB1 Warden (Sqaure D Quickline) Location: 01-135-00-006

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD
														Ring final circuits only (measured end to end)			All circuits (one column to be completed)									
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, $I\Delta n$		r_1	r_n	r_2	R_1+R_2	R_2	Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation	Test button operation
					mm^2	mm^2	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	✔	Ω	ms	✔	✔
2	Rfc Sockets 01-001,002,003,004	B	B	6	2.5	2.5	0.4	61009	C	32	10	30	0.54	0.30	0.34	0.30	0.20	---	---	>200	500	✔	0.35	28.9	✔	---
4	Rfc Sockets 007	B	B	5	2.5	1.5	0.4	4293	---	32	6	30		0.15	0.15	0.20	0.08	---	---	>200	500	✔	0.30	14.7	✔	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-014-MP1 (Square D I Line) - 2 L2 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type N/A Rating: 63 A Nominal Voltage: 230 V Zs: 0.32 Ω Ipf: 0.72 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101479053 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Chung Sze Chan Position: Electrician Signature: Date: 31/03/2022

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: 01-135-00-GS-DB1 (Proteus) Location: Gardeners Shed

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current, IΔn mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✔	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✔	AFDD Test button operation ✔
1	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	Lighting	B	B	1	1.5	1.5	0.4	60898	B	6	10	---	5.82	---	---	---	0.22	---	---	>999	500	✔	0.73	---	---	---
3	Not Used	---	---	---	---	---	---	61009	B	16	10	---		---	---	---	---	---	---	---	---	---	---	---	---	---
4	Not Used	---	---	---	---	---	---	61009	C	32	10	---		---	---	---	---	---	---	---	---	---	---	---	---	---
5	RCD Module	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	Heater	B	B	1	4	4	0.4	60898	B	20	10	---	1.75	---	---	---	0.14	---	---	>999	500	✔	0.64	---	---	---

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in non metallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in non metallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

BOARD CHARACTERISTICS

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

Supply to this distribution board is from: 01-135-00-157-MP1 (Square D I-Line) - 4 L2 No of phases: 1 Confirmation of supply polarity: ✔

Overcurrent protective device for the distribution circuit: BS(EN): 60947-2 - Type SFA Rating: 32 A Nominal Voltage: 230 V Zs: 0.47 Ω Ipf: 0.48 kA

RCD BS(EN): --- No of poles: --- Rating: --- mA Disconnection time at In: --- ms Disconnection time at 5In: --- ms

DETAILS OF TEST INSTRUMENTS

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

Multi-functional: 101925486 Insulation resistance: --- Continuity: ---

Earth electrode resistance: --- Earth fault loop impedance: --- RCD: ---

TESTED BY

Name: Chung Sze Chan Position: Electrician Signature: Date: 22/04/2022

CONTINUATION FOR GENERAL COMMENTS

GENERAL COMMENTS

General Comments for the Installation or Inspection of the report:

Characteristics of primary supply overcurrent device not inspected.
The maximum demand has not been calculated.
Insulation Resistance Tests have been carried out as far as reasonably possible (linked line & neutral to earth tests were undertaken on circuits where it was not feasible to disconnect vast amounts of equipment as agreed with Nigel Harrison - Estates) and a minimum of 20% of termination points on each individual circuit, and on lighting circuits a minimum of two luminaries and two switches have been inspected.
Reference methods were inspected as far as reasonably practicable with reference to any previous documentation held on site (if applicable).
The numbers of points served has been investigated as far as is reasonably practicable and only accessible points are included in this report. Limitations will be due to large items of furniture or equipment that cannot be easily moved.
Cable sizes and lengths were estimated and could not be absolutely confirmed.
No Access to electrical system above 3Meters access equipment needs to be arranged; Where it has not been possible to access the end of final circuit a reading has been taken at a point furthest from the Distribution Board.
The numbers of points served has been investigated as far as is reasonably practicable.
Please refer to previous inspection reports for additional information, these are held on site by estates

Site Specific
LIM1. Unable to locate circuit destination
LIM2. No access to room or area due to it being locked or forbidden
LIM3. Above 3Meters (Not Used on this site)
LIM4. No access to equipment due to it being blocked
LIM5. No access to equipment due to it having unremovable covers
LIM6. Unable to isolate following instruction by member of staff on / off site
LIM7. No power at points on the circuit
LIM8. No cpc at points on the circuit
LIM9. No access to parts / area due presence of asbestos

Db Listed Below: Limitations Found? Yes

01-135-00-139-DB1 - 8 L2 - Unable to locate Circuit. No Load On Cable,

OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Item No	Observations	Classification Code
01-135-00-012-DB1 - FLAT 1		
1	2 L1 Stripped Lug On Skt In Lounge Opposite Door. - Work Done Lug Re Threaded And New Screw Installed	C2
2	2 L1 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Relocated	C2
01-135-01-014-DB1 - FLAT 3		
3	4 L1 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Relocated	C2
01-135-00-047-DB1 - HALLWAY		
4	3 L2 Damaged Skt. (Surface Metal Clad Single) - Work Done Socket Replaced	C2
01-135-01-021-DB1 - FLAT 4		
5	Circuit 4 - Has An Rcd / Rcbo Device That Has Failed The Required Tests. - Work Done, Rcbo Replaced.	C2
6	4 L3 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. Work Done Fcu Radial Circuit Relocated	C2
01-135-00-029-DB1 - FLAT 5		
7	2 L3 Faulty And Damaged Skt In 1St Bedroom Nearest To Door. - Work Done Replaced Socket	C2
01-135-00-034-DB1 - FLAT 6		
8	2 L2 S Tripped Lhs Lug On Skt In Kitchen, Green Spot. - Work Done Rethreaded Lug And Replaced 2X Screws	C2
01-135-00-026-DB1 - FLAT 7		
9	2 L1 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Relocated	C2
10	5 L1 Lhs Lug On Cooker Point Missing And Rhs Stripped. - Work Done Lug Repaired 2X Screws Replaced	C2
01-135-00-030-DB1 - FLAT 8		
11	1 L3 Diffuser Missing In 1St Bedroom. - No Work Done	C3
01-135-00-043-DB1 - FLAT 9		

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

- C1 Danger Present. Risk of injury. Immediate remedial action required
- C2 Potentially dangerous. Urgent remedial action required
- C3 Improvement recommended
- FI Further investigation required without delay

Immediate remedial action required for items:	N/A
Urgent remedial action required for items:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Improvement recommended for items:	11
Further investigation required for items:	N/A

OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Item No	Observations	Classification Code
12	3 L3 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Moved	C2
01-135-00-139-DB1 - HALLWAY		
13	8 L2 Unable To Locate Circuit. - Work Done Circuit Needs Locking Off (Circuit Turned Off Nothing Went Off)	FI
01-135-01-041-DB1 - FLAT 11		
14	3 L2 - Unable To Get To Some Sockets Within The Property To Label Them. - Work Done Labels Stuck On	FI
01-135-00-059-DB1 - FLAT 13		
15	3 L1 - Schneider Mcb Used In A Square D Board. - No Work Done	C3
01-135-00-061-DB1 - FLAT 16		
16	Circuit 3 - Has An Rcd / Rcbo Device That Has Failed The Required Tests - Work Done Rcd Checked And Retested Working	C2
17	3 L2 - Cracked Socket In Bedroom - Work Done Socket Replaced	C2
18	Circuit 2 - Has An Earth Loop Impedance (Zs) Higher Than Specified For The Protective Device (Rated At 80% Of Bs7671 Values) - Work Done Connection Tighten And Retested	FI
01-135-01-088-DB1 - FLAT 19		
19	3 L3 No Ring Continuity On Neutral . - Work Done Reconnected Lose Neutral	C2
20	3 L3 3 X Cables In Protective Device. 1 X Ring + 1 X Radial.- Work Done Fcu Radial Circuit Moved	C2
01-135-00-095-DB1 - FLAT 20		
21	3 L1 3 X Cables In Protective Device. 1 X Ring + 1 X Radial.- Work Done Fcu Radial Circuit Moved	C2
01-135-01-078-DB1 - FLAT 22		
22	4 L3 Cooker Missing Rhs Lug Fixing. - Work Done Replaced Lug And Screw	C2
23	5 L3 Fcu Missing Screw. - Work Done Replaced Screw	C2
01-135-00-086-DB1 - FLAT 24		

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

- C1 Danger Present. Risk of injury. Immediate remedial action required
- C2 Potentially dangerous. Urgent remedial action required
- C3 Improvement recommended
- FI Further investigation required without delay

Immediate remedial action required for items:	N/A
Urgent remedial action required for items:	12, 16, 17, 19, 20, 21, 22, 23
Improvement recommended for items:	15
Further investigation required for items:	13, 14, 18

OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Item No	Observations	Classification Code
24	3 L2 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Relocated	FI
25	5 L2 Damaged Fuse Carrier On Fcu. - Work Done Fcu Replaced	C2
01-135-02-013-DB1 - FLAT 26		
26	2 L1 Cables Terminated In Back Of Skt In Kitchen Showing Signs Of Thermal Damage, Possible Loose Connection. Cables Cut Back And Re Terminated - No Work Done	Note
01-135-02-099-DB1 - FLAT 30		
27	2 L1 Cracked Skt In Lounge. - Work Done Socket Replaced	C2
01-135-01-094-DB1 - FLAT 29		
28	2 L3 Faulty And Damaged Skt In Lounge - Work Done Socket Replaced	C2
29	3 L3 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Moved	FI
01-135-00-118-DB1 - FLAT 31		
30	3 L1 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Moved Fcu Radial	FI
01-135-00-151-DB1 - FLAT 38		
31	3 L1 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Moved Fcu Radial	FI
32	4 L1 Cable Has Thermal Damaged Behind Switch Front, Disconnected. - Work Done Reterminated	C2
33	5 L1 Lhs Screw On Fcu No Long Enough To Reach Lug, Rhs Screw Is Stripped. Unable To Remove Fcu Fully. - Work Done Rethreaded Lug And Replaced 2X Screw	C2
01-135-01-164-DB1 - FLAT 49		
34	2 L3 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Moved Fcu Radial	FI
01-135-02-033-DB1 - FLAT 50		
35	2 L2 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Relocated	FI
01-135-00-133-DB1 - FLAT 35		
36	3 L3 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Radial Circuit Relocated	FI
01-135-01-123-DB1 - FLAT 39		

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

- C1 Danger Present. Risk of injury. Immediate remedial action required
- C2 Potentially dangerous. Urgent remedial action required
- C3 Improvement recommended
- FI Further investigation required without delay

Immediate remedial action required for items:	N/A
Urgent remedial action required for items:	25, 27, 28, 32, 33
Improvement recommended for items:	N/A
Further investigation required for items:	24, 29, 30, 31, 34, 35, 36

OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Item No	Observations	Classification Code
37	3 L2 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Relocated	FI
01-135-01-129-DB1 - FLAT 40		
38	3 L1 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Relocated	FI
01-135-02-026-DB1 - FLAT 44		
39	2 L3 Skt In Kitchen Rhs Of Cooker Has A Stripped Lug Rhs. - Work Done Replaced Screw	C2
01-135-00-164-DB1 - FLAT 46		
40	3 L3 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Relocated	FI
01-135-00-171-DB1 - FLAT 47		
41	2 L1 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Relocated	FI
01-135-02-021-DB1 - FLAT 43		
42	3 L1 3 X Cables In Protective Device. 1 X Ring + 1 X Radial. - Work Done Fcu Radial Circuit Relocated	FI
01-135-00-006-DB1 - WARDEN		
43	Circuit 2 - Has An Rcd / Rcbo Device That Has Failed The Required Tests. - Work Done Rcbo Replaced	C2
44	4 L2 Faulty Skt In Kitchen. - Work Done Socket Replaced	C2
01-135-00-GS-DB1 - GARDNER SHED		
45	2 X 20Mm Hole In Bottom Of D.B - Grommets Installed	C2
01-135-00-108-DB1 - FLAT 28		
46	Circuit 4 - Has An Earth Loop Impedance (Zs) Higher Than Specified For The Protective Device (Rated At 80% Of Bs7671 Values) - Work Done Tighten Connections And Retest	FI
01-135-00-068-DB1 - FLAT 14		
47	Circuit 2 - Has An Earth Loop Impedance (Zs) Higher Than Specified For The Protective Device (Rated At 80% Of Bs7671 Values) - Work Done Connection Tighten And Retested	FI

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

- C1 Danger Present. Risk of injury. Immediate remedial action required
- C2 Potentially dangerous. Urgent remedial action required
- C3 Improvement recommended
- FI Further investigation required without delay

Immediate remedial action required for items:	N/A
Urgent remedial action required for items:	39, 43, 44, 45
Improvement recommended for items:	N/A
Further investigation required for items:	37, 38, 40, 41, 42, 46, 47

OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Item No	Observations	Classification Code
48	Circuit 2 - Has An Rcd / Rcbo Device That Has Failed The Required Tests. - Work Done Rcbo Retested And Working	C2
01-135-00-018-DB1 - FLAT 2		
49	Circuit 3 - Has An Rcd / Rcbo Device That Has Failed The Required Tests. - Work Done After Retesting Circuit Rcd Worked	C2
General Note		
50	On All Meters There Is Basic Insulation Visible On He Outgoing Side Of The Meter. - No Work Done	C3

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

- C1 Danger Present — Risk of injury. Immediate remedial action required
- C2 Potentially dangerous — Urgent remedial action required
- C3 Improvement recommended
- FI Further investigation required without delay

Immediate remedial action required for items:	N/A
Urgent remedial action required for items:	48, 49
Improvement recommended for items:	50
Further investigation required for items:	N/A

ELECTRICAL INSTALLATION CERTIFICATE
GUIDANCE FOR RECIPIENTS

(to be appended to the Certificate)

This safety Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed and inspected and tested in accordance with British Standard 7671 (as amended) (The IET Wiring Regulations).

You should have received an original Certificate and the contractor should have retained a duplicate Certificate. 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 the schedules, immediately to the user.

The 'original' Certificate should be retained in a safe place and be 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 owner that the electrical installation complied with the requirements of British Standard 7671 at the time the certificate was issued. The Construction (Design and Management) Regulations require that for a project covered by those regulations, a copy of this Certificate, together with schedules is included in the project health and safety documentation.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a competent person. The maximum time interval recommended before the next inspection it stated on Page 1 under 'Next Inspection'.

This Certificate is intended to be issued only for a new electrical installation or new 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' should be issued for such an inspection.

This Certificate is only valid if a Schedule of Inspections and Schedule of Test Results are appended.