

ELECTRICAL	INSTALLATION	CONDITION
		REPORT

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations Report Reference: 70464

DETAILS OF THE PERSON ORDERING THE REPORT Client: ~University of Warwick
Address: Estates Office, Porta Cabin, R/O Boiler House, Lord Bhattacharyya Way, Coventry, CV4 7AL
PREASON FOR PRODUCING THIS REPORT Reason for producing this report: Safety assessment as requested by the client.
Date(s) on which inspection and testing was carried out: 15/03/2021
JOETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT Installation Address: University of Warwick - Heronbank Staff Flats - 01-131, Estates Office, Porta Cabin, R/O Boiler House, Lord Bhattacharyya Way, Coventry, CV4 7AL
Description of premises: Domestic N/A Commercial 🖌 Industrial N/A Other: N/A
Estimated age of wiring system: 15 years Evidence of additions/ alterations: Yes if yes, estimated age: 5 years
Installation records available? (Regulation 651.1) No Date of last inspection: N/A
EXTENT AND LIMITATIONS OF INSPECTION AND TESTING Extent of the electrical installation covered by this report: 100% of the installation.
Agreed limitations including the reasons (see Regulation 653.2): Please see the additional page at the rear.
Agreed with: Nigel Harrison - Testing Managers (Estates)
Operational limitations including the reasons: Please see the additional page at the rear.
The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations) as amended to 2020. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.
5 SUMMARY OF THE CONDITION OF THE INSTALLATION
See page 3 for a summary of the general condition of the installation in terms of electrical safety.
Overall assessment of the installation in terms of it's suitability for continued use*: UNSATISFACTORY * An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.
6 RECOMMENDATIONS Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'. Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.
Subject to the necessary remedial action being taken, I/we recommend that 5 Years the installation is further inspected and tested by: 5 Years
Note: The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

Referr of this re	eport under 'Extent of the Installation and	and test results, and subject to the limitations specif Limitations of Inspection and Testing':	ied on page 1
	here are no items adversely affecting electrical he following observations and recommendations	or	
Item No	-	Observations	Classification Code
01-13	1-00-070-DB1 (Sqaure D LC) (DB-1)	- 01-131-00-070	
1	Circuit 8 L3 - 1.5mm Protected By 16 amp 60898	Breaker - Requires Downrating To A 10 Amp MCB	C2
2	Circuit 4 L1 - Storage Heater In Room 070 P Clips To Be installed	Cable Not Supported From FCU - Requires 2 x White	C3
3	Circuit 6 L3 - No Earth At Light Switch Pose (110v Between L + E) At Light Fitting	sible Lost Earth (125v Between L+ E) At Switch And	FI
4	Circuit 2 L1 - FCU Not Earthed To Front Pla Plate	ate - Requires Fly Lead From Back Box To FCU Front	C2
5	Circuit 2 L1 - No Grommet On Metal Back	Box - Requires 1 x 20mm Open Grommet	C2
6	Circuit 2 L2 - No Grommet On Metal Back	Box - Requires 1 x 20mm Open Grommet	C2
7	Circuit 3 L2 - No Grommet On Metal Back	Box - Requires 1 x 20mm Open Grommet	C2
8	Circuit 3 L1 - has an earth loop impedance (rated at 80% of BS7671 values)	(Zs) higher than specified for the protective device	C2
01-13	1-00-066-DBP(Square D LCKQ)(DB-	3) - 01-131-00-066 (COMMS)	
9	Supply Cable Not Supported Above DB - Re	equires 1 x Armoured Cleat 10mm 3 Core	C3
01-13	1-00-052-DB1(Square D LCKQ)(DB-	66) - 01-131-00-052	
10	Circuit 4 L1 - FCU Above Cooker - Requires Showing On FCU Front Plate In Room 055	s Moving Away From Cooker As Thermal Damage Is	C2
11	Circuit 2 L1 - Excessive Copper On Show I	n Breaker - Requires Reterminating	C3
01-13	1-00-171-DB1 (Square D LCKQ) (DB-	2)-01-131-00-171	
12	Circuit 5 L2 - Broken Single Socket Nr Flat	98 - Requires 1 x White Plastic Single Socket	C2
01-13	1-00-006-DB1 (Square D Loadcentre) -	01-131-01-006	
13	Circuit 3 L1 - Backbox Terminal Screw Dan	naged. Requires New PVC 1G Backbox.	C2
01-13	1-00-023-DB1 (Square D Loadcentre) -	01-131-00-023	
responsit	ne following codes, as appropriate, has been allo ble for the installation the degree of urgency for nger Present C2 Potentially dar		
Risk	edial action required		vithout delay
Immedia	ate remedial action required for items:	N/A	
Urgent r	remedial action required for items:	1, 4, 5, 6, 7, 8, 10, 12, 13	
Improve	ement recommended for items:	2, 9, 11	
Further	investigation required for items:	3	

7 OB	SERVATIONS AND RECOMMENDAT	IONS FOR ACTIONS TO BE TAKEN (CONTIN	UED)							
Item No		Observations	Classification Code							
14	Circuit 4 L1 - has an RCD / RCBO device th	hat has failed the required tests.	C2							
01-131	-01-009-DB1 (Square D Loadcentre) -	01-131-00-009								
15	Circuit 3 L2 - Screw Missing on Faceplate.		C3							
16	Circuit 2 L2 - New PVC socket faceplate red	quired - switching mechanism broken.	C3							
01-131	-01-020-DB1 (Square D Loadcentre)	- 01-131-01-020								
17	Circuit 6L3,7L3 - CBX8 240/12V Bell Transf	ormer showing signs of thermal damage.	C2							
01-131	-01-032-DB1 (Square D Loadcentre) -	01-131-01-032								
18	Circuit 2 L2 - Light switch near front door r	missing accessory screw.	C3							
01-131	-01-038-DB1 (Square D Loadcentre) -	01-131-01-038								
19	Circuit 1 L1 - Grommet missing in Back Bo	x	C2							
20	Circuit 2 L1 - Light in Bedroom Flickering -	New 2 PIN fluorescent Starter Needed	C3							
01-131	-02-012-DB1 (Square D Loadcentre) -	01-131-02-012								
21	Circuit 1 L2 - Blank Plate Cracked.		C2							
01-131	-001-052-DB1									
22	22 4 L2 3 X Cables in RCBO, 1 x ring + Radial.									
01-131	-01-046-DB1									
23	4 L2 No ring continuity on live conductor.		C2							
01-131	-00-062-DB1 (Square D Loadcentre)									
24	2 L3 - Bottom screw broken.		C3							
01-131	-00-081-DB1									
25	1 L3 Basic insulated cables visible on boiler spur due to tiles being partially removed around the boiler. Screw on connection plate next to FCU requires a new screw and re tapping of fixing hole. C2									
01-131	-00-081-DB1									
26	1 L2 LHS screw on boiler Fcu has a strippe	d fixing, unable to take Fcu off fully.	C2							
01-131	-00-089-DB1									
27	3 L1 Cooker has missing fixing screw,		C2							
responsib C1 Dan Risk	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:									
Immedia	ate remedial action required for items:	N/A								
Urgent r	emedial action required for items:	14, 17, 19, 21, 22, 23, 25, 26, 27								
Improve	ment recommended for items:	15, 16, 18, 20, 24								
Further i	nvestigation required for items:	N/A								

7 OB	SERVATIONS	AND RECOMMENDAT	TONS FOR ACTIONS TO BE TAKEN (CONTIN	UED)
Item No			Observations	Classification Code
01-131	I-01-094-DB1			
28	4 L1 live and neu	utral ring readings more th	nan 0.05 apart.	FI
01-131	I-00-107-DB1			
29	1 L1 FCU Damag	jed.		C2
01-131	I-01-089-DB1			L
30	3 L1 Bottom scre	ew on cooker switch is stri	pped and wont tighten up.	C2
01-131	I-00-151-DB1			L
31	4 L1 has an RCD	/ RCBO device that has fa	ailed the required tests.	C2
01-131	I-01-170-DB1			
32	2 L2 Light switch	n in bedroom damaged, ex	posed live parts. (Rectified 18/5/21)	Note
33	2 L2 Light switch	n in lounge requires replac	ing.	C2
34	1 L2 FCU on boi	ler has a faulty LHS fixing		C2
01-131	I-00-069-DBL1			
35	Circuit 4 L2 - has (rated at 80% of	• •	(Zs) higher than specified for the protective device	C2
Genera	al			
36	There are no SPI	Ds or AFDDs in the installa	ation, Risk Assessment advised. {534.1}	C3
		as appropriate, has been allo on the degree of urgency for	cated to each of the observations made above to indicate to remedial action:	the person(s)
Risk	ger Present of injury. Immedia edial action require			vestigation vithout delay
Immedia	ate remedial actio	on required for items:	N/A	
Urgent r	emedial action re	equired for items:	29, 30, 31, 33, 34, 35	
Improve	ement recommend	ded for items:	36	
Further	investigation requ	uired for items:	28	

A number of items have been listed on the previous page which require corrective actions to bring the installation back in line with BS7671:2008. PECLARATION Models Mod	6 GENERAL CONDITION OF THE INSTALLATION General condition of the installation (in terms of electrical safety):	
back in line with BS7671:2008.		
(Ave. being the persons) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars or which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the state extent and limitations in section 4 of this report. Trading Title: -Norwood Electrical (UK) Ltd Address: The Coach House, Lockington Hall Lockington Derby Postcode: DE74 2RH For the INSPECTION, TESTI NG AND ASSESSMENT of the report: N/A Name: Adam McGunigle Postcode: Postcode: Defty Date: 15/03/2021 Report reviewed and authorised for issue by: Name and Type of Lve Conductors Nature of Supply Parameters Supply Protective Device This S 1 phase N/A 3 pole: N/A Prospective fault Nominal Uf 400 V Uc: 230 V BS(EN): LIM This S 1 phase N/A 3 pole: N/A Prospective fault Nominal frequency, f: 50 Hz; TM Supply Protective Device This A 1 phase		
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Derby CONTRACTOR Derby Postcode: Telephone Number: N/A PPPPOVED CONTRACTOR Postcode: DE74 2RH Signature: NA For the INSPECTION, TESTING AND ASSESSMENT of the report: Signature: Date: 15/03/2021 Report reviewed and authorised for issue by: Name: Adam McGunigle Position: Cualified Supervisor Signature: Image: Date: 15/03/2021 Supply CHARACTERISTICS AND EARTHING ARRANGEMENTS Number and Type of Live Conductors Nature of Supply Parameters Supply Protective Device Faringements Number and Type of Live Conductors Nature of Supply Parameters Supply Protective Device TN-S I -phase A1-phase A1 -phase A1 -phase NA Poston: Nature of Supply Parameters Supply Protective Device TN-S I -phase I/A 1-phase I other: NA Prospective fault LIM A: Rated current: LIM A TN-S I NA Sphase O other: NA Sphase Image: A1 -phase Image: A	N/A	
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Report reviewed and authorised for issue by: Name: Brett Irving Position: Qualified Supervisor Signature: Date: 27/07/2021 Date: 21/07/2021 Supply CHARACTERISTICS AND EARTHING ARRANGEMENTS Name: Supply Protective Device Name: Supply Protective Device Name: Conductors Nature of Supply Parameters Supply Protective Device TN-S Implase Conductors NAture of Supply Parameters Supply Protective Device TN-C N/A 3 pole: N/A TN-C N/A Supply Protective Device Supply Colspan="2">Conditions TN-C N/A Supply Protective Device Supply Colspan="2">Supply Protective Device Supply Colspan="2">Conditions TN-C N/A Supply Colspan="2">Colspan="2">Colspan="2">Supply Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspan="2">Colspan="2"Colspan="2"Colspan="2"C	For the INSPECTION, TESTING AND ASSESSMENT of the report:	
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Earthing Arrangements Number and Type of Live Conductors Nature of Supply Parameters Supply Protective Device TN-S		021
Earthing Arrangements Number and Type of Live Conductors Nature of Supply Parameters Supply Protective Device TN-S	10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS	
TN-S 1-phase (2 wire): (2 wire): (3 wire): (3 wire): (3 wire): (3 wire): (3 wire): (3 wire): (3 wire): (3 wire): (1 WA (4 wire): (1 WA (1 WA (2 wire): (1 WA (1 WA (2 wire): (1 WA (1 WA (1 WA (2 wire): (1 WA (4 wire): (1 WA (4 wire): (1 WA (1 WA (1 WA (1 WA (2 wire): (1 WA (1 WA (2 wire): (1 WA (1 WA (1 WA (2 wire): (1 WA (1 WA	Earthing Number and Type of Live Conductors Nature of Supply Parameters Supply Protective Dev	ice
TN-C-S N/A (2 wire): 2-phase (3 wire): N/A 2 pole: N/A N/A voltage(s): 3 pole: N/A Nominal frequency, f: 3 pole: N/A 50 Hz Type: LIM TNC N/A 3-phase (3 wire): 3-phase (3 wire): N/A 3-phase (4 wire): Volter: N/A Prospective fault current, lpf: LIM ka Rated current: LIM A TT N/A Confirmation of supply polarity: V Number of supplies: 1 LIM ka Rated current: LIM ka Pospective fault current, lpf: N/A Confirmation of supply polarity: V Number of supplies: 1 LIM ka Short-circuit capacity: LIM ka Pospective fault current, lpf: N/A Confirmation of supply polarity: V Number of supplies: 1 LIM ka Pospective fault cordicity: Type: Details of Installation Earth Electrode (where applicable) Location: Nominal frequency, f: Earthing Short-circuit capacity: LIM ka Main soutch / Switch-Fuse / Circuit-Breaker / RCD N/A Resistance or setting: Q Method of measurement: Location: Rated residual operating current (LAn): Ma Main protective Bonding	ac: V dc: N/A Nominal II. 400 V Ha. 230 V/ BS (EN).	
TNC N/A 3-phase 3 pole: N/A Prospective fault current, lpf: LIM kA Rated current: LIM kA TT N/A Other: N/A 3-phase V Other: N/A TT N/A Confirmation of supply polarity: V Other: N/A LIM kA Rated current: LIM kA TT N/A Confirmation of supply polarity: V Number of supplies: 1 LIM kA Number of supplies: Type: Number of supplies: 1 LIM kA Rated current: LIM kA Distributor's facility: N/A Resistance to Earth: Details of Installation Earth Electrode (where applicable) Location: Main momenand (Load): LIM Amps Protective measure(s) against electric shock: ADS Main switch / Switch-Fuse / Circuit-Breaker / RCD Supply Supply Rated time delay: ma Number of poles: 3 Fuse/device rating N/A N/A Supply IM mm2 Rated time delay: ma Main switch / Switch-Fuse / Circuit-Breaker / RCD Supply Connection/ Supply Copper Rated time delay:	(2 wire): N/A (3 wire) N/A 2 pole: N/A voltage(s):	
TNC N/A Optimize (4 wire): N/A Other: N/A current, lpf: LIM kA Rated current: LIM kA TT N/A Other: N/A External earth fault loop impedance, Ze: LIM kA Short-circuit capacity: LIM kA IT N/A Confirmation of supply polarity: ✓ Number of supplies: 1 LIM kA Short-circuit capacity: LIM kA PARTICULARS OF INSTALLATION REFERED TO IN THE REPORT Means of Earthing Details of Installation Earth Electrode (where applicable) Location: Image: Capacity: LIM kA Means of Earthing Details of Installation Earth Electrode (where applicable) Location: Method of measurement: Method of measurement: Image: Capacity: Image: Capacity:<	(3 wire): IV/A 3 pole: IV/A Prospective fault	
TT N/A Other: I/A Other: I/A LIM A LIM Ω capacity: LIM KA IT N/A Confirmation of supply polarity: ✓ Number of supplies: 1 1 Image: Confirmation of supply polarity: Image: Confirmation o	TNC N/A ' 5 pridse N/A ' 5 pridse V Other: N/A ' current, lpf:	А
IT N/A Confirmation of supply polarity: ✓ Number of supplies: 1 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT Means of Earthing Details of Installation Earth Electrode (where applicable) Distributor's facility: ✓ Type: Location: Installation N/A Resistance to Earth: Ω Method of measurement: Maximum Demand (Load): LIM Amps Protective measure(s) against electric shock: ADS Main switch / Switch / Switch-Fuse / Circuit-Breaker / RCD Supply Conductors Copper Mate residual on switch: material: Number of poles: 3 Fuse/device rating or setting: N/A A Supply conductors Connection/ conductors Bonding of extraneous-conductive parts To water installation pipes: To gas installation pipes: To gas installation pipes: To gas installation pipes: To gas installation pipes: It M Main protective bonding conductors Connection/ Connection/ Continuity wrified: M Material: To gas installation pipes: To gas installation pipes: Main protective bonding conductors Connection/ Connection/ Continuity wrifide: M M M	TT N/A; Uther: N/A [M/A	kA
11 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT Means of Earthing Distributor's facility: Installation Details of Installation Earth Electrode (where applicable) Distributor's facility: Installation Image: Constant C		
Means of Earthing Distributor's facility: Installation Details of Installation Earth Electrode (where applicable) Distributor's facility: Installation Type: N/A Type: Resistance to Earth: Resistance to Earth: Location: Method of measurement: Maximum Demand (Load): LIM Amps Protective measure(s) against electric shock: ADS Main Switch / Switch-Fuse / Circuit-Breaker / RCD SUBPLS Supply If RCD main switch: Rated residual operating current (lΔn): mA Mumber of poles: 3 Fuse/device rating or setting: Voltage rating: N/A A Earthing conductor Conductor Copper Fuse/device rating or setting: N/A A Earthing and Protective Bonding Conductors material: Connection/ continuity werfied: Bonding of extraneous-conductive parts To water installation To gas installation pipes: To oil installation To gas installation pipes: To oil installation		
Distributor's facility: Installation earth electrode: N/A Type: Resistance to Earth: Ω Method of measurement: Maximum Demand (Load): LIM Amps Protective measure(s) against electric shock: ADS Main Switch / Switch-Fuse / Circuit-Breaker / RCB Supply If RCD main switch: Rated residual operating current (IΔn): mA Number of poles: 3 Fuse/device rating: or setting: Voltage rating: Voltage rating: Voltage rating: Conductors Earthing conductor N/A A Earthing and Protective Bonding Conductors material: Connection/ continuity verified: Bonding of extraneous-conductive parts To gas installation pipes: To gas insta		
Installation earth electrode: N/A Resistance to Earth: Ω 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): Current rating: 1250 A Supply conductors or setting: If RCD main switch: Rated residual operating current (lΔn): mA Number of poles: 3 Fuse/device rating or setting: N/A A Supply conductors or setting: Rated time delay: ms Voltage rating: Voltage rating: 400 v Eonection/ continuity verified: Sometion of extraneous-conductive parts To water installation pipes: To gas installation pipes: IIM IIM IIM IIM	Distributor's	
Maximum Demand (Load): LIM Amps Protective measure(s) against electric shock: ADS Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type BS(EN): Number 60947-2 MCCB Current rating: 1250 A Supply conductors or setting: If RCD main switch: Rated residual operating current (IΔn): mA Voltage rating: Voltage rating: N/A A Supply conductors ca: Copper Rated time delay: ms Earthing and Protective Bonding conductors material: Connection/ continuity verified: Connection/ continuity verified: Connection/ continuity verified: Bonding of extraneous-conductive parts To water installation pipes: To lightning protection: To gas installation pipes: To lightning protection: LIM	Tacility: Resistance Method of	
Main Switch / Switch-Fuse / Circuit-Breaker / RCD Supply If RCD main switch: Rated residual mA BS(EN): 60947-2 MCCB Current rating: 1250 A Supply Conductors Copper Patternal: Main switch: Rated residual mA Number 3 Fuse/device rating N/A A Supply LIM mm ² Rated time delay: ms voltage rating: Voltage rating: 400 v v Earthing and Protective Bonding Conductors Connection/ Supply LIM mm ² Measured operating ms Earthing conductor Copper csa: To gas installation pipes: To gas installation pipes: To lightning IIM Main protective bonding conductors Cost: 70 mm ² continuity verified: To oil installation pipes: To lightning LIM	earth electrode: 10/A i to Earth: 22 measurement:	
Type BS(EN): Number of poles: 60947-2 MCCB Current rating: 1250 A Conductors material: Copper Rated residual operating current (IΔn): mA 3 Fuse/device rating or setting: Voltage rating: N/A A N/A A Supply conductors ca: Rated residual operating current (IΔn): mA Earthing and Protective Bonding Conductors Conductor Voltage rating: Voltage rating: MA A Bonding of extraneous-conductive parts To water installation pipes: To oil installation To gas installation pipes: To lightning protection: To gas installation pipes: To lightning IIM MA	Maximum Demand (Load): LIM Amps Protective measure(s) against electric shock: ADS	
And Constraints And Constraints Current rating: 1250 A conductors material: Rated residual mA BS(EN): Number of poles: 3 Fuse/device rating or setting: N/A A N/A A Supply Copper Rated residual operating current (IΔn): mA 3 Fuse/device rating: Voltage rating: V/A A A Supply LIM mm ² Measured operating ms Earthing and Protective Bonding Conductors Connection/ Connection/ To gas installation pipes: To gas installation pipes: To lightning protection: LIM IM IM Main protective bonding conductors Cost 70 mm ² continuity verified: Voltage rating: Voltage rating: Voltage rating: IM	Type Supply Data disaddad	
Number of poles: 3 Fuse/device rating or setting: Voltage rating: N/A A Supply conductors Rated time delay: ms Earthing and Protective Bonding Conductors Earthing conductor Conductor Connection/ Voltage rating: N/A A Supply conductors csa: Rated time delay: ms Earthing and Protective Bonding Conductors Conductor Connection/ Connection/ Bonding of extraneous-conductive parts To water installation pipes: To gas installation pipes: To gas installation pipes: IM M Main protective bonding conductors Cost 70 mm² continuity verified: Imaterial. Imaterial. Imaterial. Imaterial. Supply Imaterial. Imaterial. Supply Measured operating time (at IAn): ms	BS(EN): 60947-2 MCCB Current rating: 1250 A conductors Copper Rated residual operating current (IΔn):	mA
Voltage rating: 400 v conductors LIM mm ² conductors Measured operating time (at IΔn): ms Earthing and Protective Bonding Conductors Earthing conductor Connection/ Bonding of extraneous-conductive parts To gas installation pipes: To gas installation pipes: To lightning protection: LIM LIM <t< td=""><td>of poles: 3 Fuse/device rating N/A A Supply Rated time delay:</td><td>ms</td></t<>	of poles: 3 Fuse/device rating N/A A Supply Rated time delay:	ms
Earthing and Protective Bonding Conductors Earthing conductor Continuity Verified: Conductor Con	Voltage rating: 400 v conductors LIM mm ² Measured operating	ms
Earthing conductor Connection/ To water installation pipes: To gas installation pipes: Conductor Copper csa: 70 mm² verified: To oil installation LIM To lightning protection: LIM	csa: time (at IΔn):	
material: Copper csa: 70 mm ² verified: To oil installation LIM protection: LIM	Earthing conductor Connection/ To water installation To gas installation	~
Main protective bonding conductors	material:	1 1 1 1
Connection/ Filese 10 Other service(s).	Main protective bonding conductors Connection/ pipes: To other service(s):	
Conductor Copper csa: 36 mm ² continuity vorified:	Conductor material:Coppercsa:36mm²continuity verified:To structural steel:LIMN/A	

12/11	ISPECTION SCHEDULE	1	
Item	Description	Comment	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTI	ON ONLY)	
1.1	Service cable		LIM
1.2	Service head		~
1.3	Earthing arrangements		~
1.4	Meter tails		~
1.5	Metering equipment		~
1.6	Isolator (where present)		~
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWI	TCHED ALTERNATIVE SOURCES	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)		N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)		N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY		
3.1	Main earthing/bonding arrangements (411.3; Chap 54):		
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3)		~
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)		~
3.1.3	Adequacy of earthing conductor connections (542.3.2)		~
3.1.4	Accessibility of earthing conductor connections (543.3.2)		~
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)		~
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)		~
3.1.7	Accessibility of all protective bonding connections (543.3.2)		~
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)		~
3.2	FELV - requirements satisfied (411.7; 411.7.1)		N/A
4.0	OTHER METHODS OF PROTECTION (where any of the methods lister provided on separate sheets)	ed below are employed details sho	uld be
4.1	Non-conducting location (418.1)		N/A
4.2	Earth-free local equipotential bonding (418.2)		N/A
4.3	Electrical separation (Section 413; 418.3)		N/A
4.4	Double insulation (Section 412)		N/A
4.5	Reinforced insulation (Section 412)		N/A
5.0	DISTRIBUTION EQUIPMENT		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)		~
5.2	Security of fixing (134.1.1)		~
5.3	Condition of insulation of live parts (416.1)		~
5.4	Adequacy/security of barriers (416.2)		~
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)		~
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)		~
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)		~
5.8	Presence and effectiveness of obstacles (417.2)		N/A
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)		~
OUTCON	IES		
Accepta conditio			ot cable N/A
L			

13/11	ISPECTION SCHEDULE (CONTINUED)		
Item	Description	Comment	Outcome
5.10	Operation of main switch(es) (functional check) (643.10)		~
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)		~
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	Item 31,14	C2
5.13	RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)		~
5.14	RCD(s) provided for additional protection/requirements, where required – includes RCBOs (411.3.3; 415.1)		~
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)		~
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)		~
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)		~
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)		N/A
5.19	Presence of next inspection recommendation label (514.12.1)		~
5.20	Presence of other required labelling (please specify) (Section 514)		✓
5.21	Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)		~
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)		~
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)		~
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)		~
6.0	DI STRI BUTI ON CI RCUI TS		
6.1	Identification of conductors (514.3.1)		v
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	Item 9	C3
6.3	Condition of insulation of live parts (416.1)		✓
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)		~
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)		~
6.6	Cables correctly terminated in enclosures (Section 526)		✓
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)		~
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)		~
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)		~
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)		~
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)		~
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)		~
OUTCOM Accepta conditio	ble Unacceptable Improvement C2 Further	Not verified N/V Limitation LIM ap	Not pplicable

14/11	ISPECTION SCHEDULE (CONTINUED)	1	T1
Item	Description	Comment	Outcome
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)		~
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)		~
6.15	Cables concealed under floors, above ceilings, in walls/partitions l partitions containing metal parts:	less than 50mm from a surface, ar	nd in
6.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or		~
6.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.204)		~
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)		~
6.17	Band II cables segregated/separated from Band I cables (528.1)		~
6.18	Cables segregated/separated from non-electrical services (528.3)		~
6.19	Condition of circuit accessories (651.2)	Item 15,18,24 Item ,25,26,27,30,21	C3 : C2
6.20	Suitability of circuit accessories for external influences (512.2)		~
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)		~
6.22	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)		•
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)		~
6.24	General condition of wiring systems (651.2)		~
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)		~
7.0	FINAL CIRCUITS		
7.1	Identification of conductors (514.3.1)		~
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	Item 2	C2
7.3	Condition of insulation of live parts (416.1)	Item 5,6,7,19,19	C2
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)		~
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)		~
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)		~
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	Item 1,8,35	C2
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)		~
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)		~
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)		~
7.11	Cables concealed under floors, above ceilings, in walls/partitions, (522.6.201; 522.6.202; 522.6.203; 522.6.204):	adequately protected against dam	nage
7.11.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202)		~
7.11.2	system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.201; 522.6.204)		~
OUTCON Accepta	ble Unacceptable Improvement Further		lot N/A
conditio	condition C1 or C2 recommended C3 investigation FI	verified N/V Limitation LIM appl	icable N/A

1 <u>5 IN</u>	SPECTION SCHEDULE (CONTINUED)	1	1
Item	Description	Comment	Outcome
7.12	Provision of additional protection by 30mA RCD:		
7.12.1	For all socket-outlets of rating 32A or less unless exempt (411.3.3) *		~
7.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *		~
7.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) *		~
7.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) *		~
7.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) *		N/A
	* Note: Older installations designed prior to BS 7671:2018 may not have protection.	been provided with RCDs for additiona	al
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)		~
7.14	Band II cables segregated/separated from Band I cables (528.1)		~
7.15	Cables segregated/separated from non-electrical services (528.3)		~
7.16	Termination of cables at enclosures – identify/record numbers and 526):	d locations of items inspected (Sec	tion
7.16.1	Connections under no undue strain (526.6)		~
7.16.2	No basic insulation of a conductor visible outside enclosure (526.8)		~
7.16.3	Connections of live conductors adequately enclosed (526.5)		~
7.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)		~
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	Item 5,6,7,13,29,32,33,34,12,10,16	C2
7.18	Suitability of accessories for external influences (512.2)		~
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)		~
8.0	I SOLATION AND SWITCHING		
8.1	Isolators (Sections 460; 537):		
8.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)		~
8.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)		~
8.1.3	Capable of being secured in the OFF position (462.3)		~
8.1.4	Correct operation verified (643.10)		~
8.1.5	Clearly identified by position and/or durable marking (537.2.6)		~
8.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)		N/A
8.2	Switching off for mechanical maintenance (Section 464; 537.3.2):		
8.2.1	Presence and condition of appropriate devices (464.1; 537.3.2)		~
8.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)		~
8.2.3	Capable of being secured in the OFF position (462.3)		~
8.2.4	Correct operation verified (643.10)		~
8.2.5	Clearly identified by position and/or durable marking (537.3.2.4)		~
OUTCOM Acceptal conditio	Die Unacceptable C1 or C2 Improvement C2 Further		ot cable

Descriptionswitching/stopping (Section 465; 537.3.3):d condition of appropriate devices (Section 465; 537.3.3;ssible for operation where danger might occur (537.3.3.6)ation verified (643.10)ified by position and/or durable marking (537.3.3.6)switching (Section 463; 537.3.1):d condition of appropriate devices (537.3.1.1; 537.3.1.2)ation verified (537.3.1.1; 537.3.1.2)JSING EQUI PMENT (PERMANENTLY CONNECTED)equipment in terms of IP rating etc (416.2)oes not constitute a fire hazard (Section 421)t damaged/deteriorated so as to impair safety (134.1.1; 2)r the environment and external influences (512.2)xing (134.1.1)noles in ceiling above luminaires, sized or sealed so as to pread of fire: List number and location of luminaires eparate page) (527.2)uminaires (downlighters):of lamps fitted (559.3.1)minimise build-up of heat by use of 'fire rated' fittings, splacement box or similar (421.1.2)		Comment	Outcome N/A N/A N/A N/A N/A V <
d condition of appropriate devices (Section 465; 537.3.3; ssible for operation where danger might occur (537.3.3.6) ation verified (643.10) ified by position and/or durable marking (537.3.3.6) switching (Section 463; 537.3.1): d condition of appropriate devices (537.3.1.1; 537.3.1.2) ation verified (537.3.1.1; 537.3.1.2) JSI NG EQUI PMENT (PERMANENTLY CONNECTED) equipment in terms of IP rating etc (416.2) oes not constitute a fire hazard (Section 421) tt damaged/deteriorated so as to impair safety (134.1.1; 2) r the environment and external influences (512.2) xing (134.1.1) noles in ceiling above luminaires, sized or sealed so as to pread of fire: List number and location of luminaires eparate page) (527.2) uminaires (downlighters): of lamps fitted (559.3.1) minimise build-up of heat by use of 'fire rated' fittings,			N/A N/A N/A V/A V/A
ssible for operation where danger might occur (537.3.3.6) ation verified (643.10) ified by position and/or durable marking (537.3.3.6) switching (Section 463; 537.3.1): d condition of appropriate devices (537.3.1.1; 537.3.1.2) ation verified (537.3.1.1; 537.3.1.2) JSING EQUI PMENT (PERMANENTLY CONNECTED) equipment in terms of IP rating etc (416.2) oes not constitute a fire hazard (Section 421) t damaged/deteriorated so as to impair safety (134.1.1; 2) r the environment and external influences (512.2) xing (134.1.1) noles in ceiling above luminaires, sized or sealed so as to pread of fire: List number and location of luminaires eparate page) (527.2) uminaires (downlighters): of lamps fitted (559.3.1) minimise build-up of heat by use of 'fire rated' fittings,			N/A N/A N/A V/A V/A
ation verified (643.10) ified by position and/or durable marking (537.3.3.6) switching (Section 463; 537.3.1): d condition of appropriate devices (537.3.1.1; 537.3.1.2) ation verified (537.3.1.1; 537.3.1.2) USI NG EQUI PMENT (PERMANENTLY CONNECTED) equipment in terms of IP rating etc (416.2) oes not constitute a fire hazard (Section 421) th damaged/deteriorated so as to impair safety (134.1.1; 2) r the environment and external influences (512.2) xing (134.1.1) holes in ceiling above luminaires, sized or sealed so as to pread of fire: List number and location of luminaires eparate page) (527.2) uminaires (downlighters): of lamps fitted (559.3.1) minimise build-up of heat by use of 'fire rated' fittings,			N/A N/A V V V V V V V V V V V V V V
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USI NG EQUI PMENT (PERMANENTLY CONNECTED) equipment in terms of IP rating etc (416.2) oes not constitute a fire hazard (Section 421) tt damaged/deteriorated so as to impair safety (134.1.1; 2) r the environment and external influences (512.2) xing (134.1.1) noles in ceiling above luminaires, sized or sealed so as to pread of fire: List number and location of luminaires eparate page) (527.2) uminaires (downlighters): of lamps fitted (559.3.1) minimise build-up of heat by use of 'fire rated' fittings,			
equipment in terms of IP rating etc (416.2) oes not constitute a fire hazard (Section 421) at damaged/deteriorated so as to impair safety (134.1.1; 2) r the environment and external influences (512.2) xing (134.1.1) noles in ceiling above luminaires, sized or sealed so as to pread of fire: List number and location of luminaires eparate page) (527.2) uminaires (downlighters): of lamps fitted (559.3.1) minimise build-up of heat by use of 'fire rated' fittings,			
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xing (134.1.1) noles in ceiling above luminaires, sized or sealed so as to pread of fire: List number and location of luminaires eparate page) (527.2) uminaires (downlighters): of lamps fitted (559.3.1) minimise build-up of heat by use of 'fire rated' fittings,			
noles in ceiling above luminaires, sized or sealed so as to pread of fire: List number and location of luminaires eparate page) (527.2) uminaires (downlighters): of lamps fitted (559.3.1) minimise build-up of heat by use of 'fire rated' fittings,			~
pread of fire: List number and location of luminaires eparate page) (527.2) uminaires (downlighters): of lamps fitted (559.3.1) minimise build-up of heat by use of 'fire rated' fittings,			
of lamps fitted (559.3.1) ninimise build-up of heat by use of 'fire rated' fittings,			N1 / A
ninimise build-up of heat by use of 'fire rated' fittings,			N1/A
			N/A
			N/A
overheating to surrounding building fabric (559.4.1)			N/A
overheating to conductors/terminations (526.1)			N/A
S) CONTAINING A BATH OR SHOWER			
otection for all low voltage (LV) circuits by RCD not DmA (701.411.3.3)			N/A
as a protective measure, requirements for SELV or PELV met 5)			N/A
ets comply with BS EN 61558-2-5 formerly BS 3535			N/A
supplementary bonding conductors, unless not required by 18 (701.415.2)			N/A
(e.g. 230 volt) socket-outlets sited at least 3m from zone 1			N/A
equipment for external influences for installed location in ating (701.512.2)			N/A
accessories and controlgear etc. for a particular zone			N/A
current-using equipment for particular position within the 1.55)			N/A
T 7 SPECIAL INSTALLATIONS OR LOCATIONS special installation or locations present, if any. (Record sepa	rately the res	sults of particular i	inspections)
			N/A
			N/A
	+		N/A
	equipment for external influences for installed location in ating (701.512.2) accessories and controlgear etc. for a particular zone current-using equipment for particular position within the 1.55) T 7 SPECIAL INSTALLATIONS OR LOCATIONS	requipment for external influences for installed location in ating (701.512.2) raccessories and controlgear etc. for a particular zone requipment for particular position within the 1.55) requipment INSTALLATIONS OR LOCATIONS	equipment for external influences for installed location in ating (701.512.2) accessories and controlgear etc. for a particular zone current-using equipment for particular position within the

01-131-00-070-MP1 (Sqaure D) (MDP1) Distribution board designation: 01-131-00-070 (28) Location: Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² kΑ Ω MΩ MΩ V ~ Ω r r S Α mΑ (Line) (Neutral) (cpc) ms Fire Alarm - Outside Bike Store 0 В 60947-2 V 2.5 2.5 5 25 1.79 0.08 >999 500 0.27 1 L1 16 ---------------------------112 Fire Alarm Module 1-4 - Room 070 0 В 2.5 2.5 5 60947-2 16 25 1.79 0.09 >999 500 V 0.24 1 ---------------------------1 L3 Spare --2 L1 Spare _ _ . ---------_ _ _ ---------------------------0 5 2 L2 Fire Alarm Module 5-10 - Room В 1 2.5 2.5 60947-2 ---16 25 1.79 0.06 >999 500 V 0.25 ---------------------------070 2 L3 Spare ---_ _ _ ------_ _ _ _ ---------------------------------------DB-51 00-006-DB1~ F 25 V 3 L1 В 25 16 5 60947-2 63 0.43 0.06 >999 500 0.24 ---------------------------F DB-52 00-009-DB1~ В 25 5 63 25 3 L2 1 16 60947-2 0.43 0.05 >999 500 V 0.24 ------------------------------3 L3 DB-55 00-020-DB1~ F В 25 5 60947-2 63 25 0.05 >999 500 ~ 0.25 16 --- 0.43 ---------------------------0 - Other А В С D G Н F CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral FP200 TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 10 Tp Main LV Panel 3 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device LIM 315 A 400 v 0.17 Ω 1.67 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174

Electrician

20 TESTED BY

 Name:
 Charlie Kent
 Position:

 This form is based on the model shown in Appendix 6 of BS 7671:2018.
 Position:
 Position:

Citant

Signature:

15/03/2021

Distribution board designation:

01-131-00-070-MP1 (Sqaure D) (MDP1)

Location:

01-131-00-070 (28)

						cuit ictors:	me 671	Overcurr			/e	RCD	671	(Circuit im	bedance	s (Ohms)		nsulation			eq	R	CD	AFDD
Circuit number and phase	Circuit designation	of wiring	Reference Method	of :rved	C:	sa	Max disconnect time permitted by BS7671		levices		Ity		um Z _S ted by BS7671	Ring fi	inal circui ured end	ts only	All cir	cuits lumn to	en Live	esistance	voltage	Z	um measured ault loop ance Zs	Disconnection time	button ation	utton ion
Circuit I and pha		Type of v	Referenc	Number of points served	Live mm ²	срс mm ²	 Max di permit 	BS(EN)	Type No	> Rating	😤 Capacity	 ⇒ Operating ⇒ current, I∆n 	θ Maximum 2 permitted t	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	- Live ΩM	- Γive	< Test v	 Polarity 	Maximum n δ earth fault l impedance	u Discon time	 Test butto operation 	 Test button operation
4 L1	DB-56 00-023-DB1~	F	В	1	25	16	5	60947-2		63	25		0.43				0.08			>999	500	~	0.28			
4 L2	DB-57 00-032-DB1~	F	В	1	25	16	5	60947-2		63	25		0.43				0.07			>999	500	~	0.29			
4 L3	DB-58 00-038-DB1~	F	В	1	25	16	5	60947-2		63	25		0.43				0.06			>999	500	~	0.22			
5 L1	DB-65 00-046-DB1~	F	В	1	25	16	5	60947-2		63	25		0.43				0.12			>999	500	~	0.40			
5 L2	DB-67 01-046-DB1~	F	В	1	25	16	5	60947-2		63	25		0.43				0.06			>999	500	~	0.19			
5 L3	DB-69 00-062-DB1~	F	В	1	25	16	5	60947-2		63	25		0.43				0.04			>999	500	~	0.18			
6 TP	DB-1 00-070-DB1~	D	В	1	25	16	5	60947-2		63	36		0.43				0.06			>999	500	~	0.22			
7 L1	DB-53 01-006-DB1~	D	В	1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	~	0.24			
7 L2	DB-54 01-009-DB1~	D	В	1	25	16	5	60947-2		63	25		0.43				0.13			>999	500	~	0.34			
7 L3	DB-59 01-020-DB1~	D	В	1	25	16	5	60947-2		63	25		0.43				0.06			>999	500	~	0.22			
8 L1	DB-60 01-023-DB1	D	В	1	25	16	5	60947-2		63	25		0.43				0.11			>999	500	~	0.30			
8 L2	DB-61 01-032-DB1~	D	В	1	25	16	5	60947-2		63	25		0.43				0.10			>999	500	~	0.30			
8 L3	DB-62 01-038-DB1~	D	В	1	25	16	5	60947-2		63	25		0.43				0.07			>999	500	~	0.26			
9 L1	DB-66 00-052-DB1~	D	В	1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	~	0.21			
9 L2	DB-68 01-052-DB1~	D	В	1	25	16	5	60947-2		63	25		0.43				0.09			>999	500	~	0.21			
9 L3	DB-71 01-062-DB1~	D	В	1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	۲	0.14			
10 L1	DB-63 02-003-DB1~	D	В	1	25	16	5	60947-2		63	25		0.43				0.08			>999	500	~	0.23			
10 L2	DB-64 02-012-DB1~	D	В	1	25	16	5	60947-2		63	25		0.43				0.18			>999	500	~	0.40			
			1		1	1	1																1	1		
		B moplastic ables in		C ermopl cables				D ermoplastic cables in			E rmopl			F Thermop	plastic	Ther	G mosetting	3	H Minera	al			0 - 01			
TYP WIR		llic conduit		cables netallic		t		ables in Illic trunking	r	nonme	ables tallic t		ng	/SWA c	ables	/SW	A cables	ir	nsulated c	ables			FP2			of 81

Distribution board designation: 01-131-00-070-MP1 (Sqaure D) (MDP1)

Location:

01-131-00-070 (28)

						01-					_										-						
				_			cuit ictors: sa	time S7671	Overcurr d	ent pi evice:		/e	RCD	BS7671	(Circuit im	bedance	es (Ohms	5)		nsulation esistance			sured	R	D	AFDD
Circuit number and phase	Circuit designation	:	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	ing	Capacity	Operating current, I∆n	Maximum Z _S permitted by BS		inal circui ured end		(one co	rcuits Iumn to pleted)	- Live	e - Earth	t voltage	Polarity	Maximum measured earth fault loop impedance Zs	Disconnection time	Test button operation	Test button operation
Circu and p			Type	Refer	Numb points	mm2	mm ²			Typ	> Rating	kA Cap	o b MA	Ω Ω	۲ ₁	r _n (Neutral)	^г 2 (срс)	R ₁ +R ₂	R ₂	Γi MΩ	 Γίνε	< Test	Pola	Ω imp	ti Di ms	 Tes ope 	▲ Tes ope
	DB-72 01-068-DB1~		D	В	1	25	16		60947-2			25		0.43				0.04			>999	• 500	~	0.16			
11 TP	Spare																										
12 TP	Spare																										
13 L1	Spare																										
13 L2	DB-3 00-066-DBP~		D	В	1	10	10	5	60947-2		40	25		0.69				0.06			>999	500	~	0.22			
13 L3	Spare	-																									
14 TP	DB-Ext 00-069-DBL1~		D	В	1	10	10	5	60947-2		32	36						0.07		>999	>999	500	~	0.25			
15 TP	Spare	-																									
16 TP	Spare	-																									
17 TP	Spare	-																									
18 TP	Surge Protection Unit RHS Room	S Of DB	D	В	1	16	6	5	60947-2		63	36						0.01		>999	>999	500	~	0.20			
	A	В			С				D			E			F			G		Н				0 - 0	ther		
TYP	E OF insulated/sheathed	Thermoplastic cables in netallic conduit		C	ermopla cables i etallic o	in	t	С	ermoplastic ables in Illic trunking	r		rmopl ables tallic 1	in		Thermor /SWA c			mosettin A cables		Minera insulated o				FP2			
	m is based on the model sho																	Ref [.] 7(2464						Page	10	- 6

TESTED BY

Distr	ibution board designation:	01-131	-00-	-070)-DB	1 (S	qau	re D) LC) (D)B-1)	Loc	catio	n:			01-1	31-00-	070 ((23)							
				-		condu	cuit ictors: sa	time S7671	Overcur	rrent p device		ve	RCD	BS7671		Circuit imp	pedance	es (Ohms)			sulation sistance			measured loop e Zs	RC	:D	AFDD
Circuit number and phase	Circuit designatio	n	Type of wiring	Reference Method	Number of points served	Live	cpc	 Max disconnect time permitted by BS7671 	BS(EN)	Type No	P Rating	Capacity	∃ Operating > current, I∆n	D Maximum Z _S permitted by B:		inal circuit ured end t ^r n (Neutral)		All circ (one colu be comp R ₁ +R ₂	umn to	Ω Live - Live	σ Live - Earth	< Test voltage	 Polarity 	Maximum meas b earth fault loop impedance Zs	Bisconnection time	 Test button operation 	 Test button operation
1 L1	FCU - Data Bird Comm	s Room 066	D	В	1	2.5	2.5	0.4	60898	С	10	10		1.75				0.14			>999	500	~	0.41			
1 L2	Spare																										
1 L3	Em Lighting Cubicle 06 01-131-00-065-DB1 (Ba		D	В	1	2.5	2.5	0.4	60898	С	16	10		1.10				0.07			>999	500	~	0.26			
2 L1	FCU - Storage Heaters	Rooms 179	D	В	1	2.5	2.5	0.4	60898	С	10	10		1.75				0.59			>999	500	~	0.77			
2 L2	FCU - Storage Heaters	Room 181	D	В	1	2.5	2.5	0.4	60898	С	10	10		1.75				0.90			>999	500	~	1.14			
2 L3	FCU - Storage Heaters	Room 182	D	В	1	2.5	2.5	0.4	60898	С	10	10		1.75				0.69			>999	500	~	0.88			
3 L1	FCU - Storage Heaters	Room 184	D	В	1	2.5	2.5	0.4	60898	С	32	10		1667				0.34			>999	500	~	0.60			
3 L2	FCU - Storage Heaters	Room 181	D	В	1	2.5	2.5	0.4	60898	С	10	10		1.75				0.86			>999	500	~	1.10			
TYP	S FOR Thermoplastic E OF insulated/sheathed NG cables	B Thermoplastic cables in metallic condui			C ermopl cables etallic		t I	С	D rmoplastic ables in Ilic trunking			E rmopl ables tallic 1	in		F Thermo /SWA c			G mosetting /A cables		H Minera nsulated c				o - o [,] FP2			
APP	OARD CHARACTER LIES WHEN THE BOARD to this distribution board								DF THE I) - 6 TP		ALLA of pł			3					Confi	irmatior	n of sup	oply po	olarit	:y:			~
	urrent protective device distribution circuit:	BS(EN):		60	947-	2 - T	уре			Ra	ting:			63	^	lominal /oltage:	40	0 V	Zs:			22 Ω	lp				14 kA
RCD		BS(EN):								No	of po	oles:			F	ating:		mA		onnectio at In:	on	· ms		sconn <u>ne at</u>		n	- ms
	DETAILS OF TEST IN ils of Test Instruments use			/or a	sset	numh	pers)																				
	unctional:	-	9081						tion resis	stanc	e:				10	190817	4		Со	ntinuity	<i>'</i> :		10	1908	174		
Earth	electrode resistance:	101	9081	74			E	arth	fault loop	o imp	edan	ce:			10	190817	4		RC	D:			10	1908	174		

Cilcut Charlie Kent Electrician Position: Signature: Name: This form is based on the model shown in Appendix 6 of BS 7671:2018. Ref: 70464

Page: 14 of 81

15/03/2021

Distribution board designation: 01-131-00-070-DB1 (Sqaure D LC) (DB-1) Location:

01-131-00-070 (23)

					condu	cuit ictors: sa	time S7671	Overcurr	ent pr levices		/e	RCD	BS7671	(Circuit imp	edance	es (Ohms	5)		nsulation esistance			sured		CD	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	0N 0	6c	Capacity	Operating current, I∆n	Maximum Z _S permitted by BS		nal circuit ured end t		(one co	rcuits lumn to pleted)	- Live	- Earth	voltage	rity	Maximum measu earth fault loop impedance Zs	Disconnection time	Test button operation	Test button operation
Circui and p		Type o	Refere	Numbe points	mm ²	mm ²			Type No	> Rating	kA KA	B Operatir Decrent,	Ω Dern	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	Γ CM	L Γ ΜΩ	< Test	 Polarity 	δ maxi eartl impe	time sm	 Test oper 	 Test oper
3 L3	Time Clock Heating Control- Room 070	D	В	1		2.5		60898	С	6	10		2.91				0.05			>999	-	~	0.30			
4 L1	FCU - Storage Heaters Switch Room 070	D	В	1	2.5	2.5	0.4	60898	С	10	10		1.75				0.14			>999	500	~	0.44			
4 L2	FCU - Storage Heaters Store Room 065	D	В	1	2.5	2.5	0.4	60898	С	10	10		1.75				0.20			>999	500	~	0.45			
4 L3	Sockets - Stairs 182,049	D	В	2	2.5	2.5	0.4	61009	С	20	10	30	0.87				0.37			>999	500	~	0.53	30	~	
5 L1	Sockets - Stairs Room 070,184,064	D	В	3	2.5	2.5	0.4	61009	С	20	10	30	0.87				0.30			>999	500	~	0.53	23	~	
5 L2	Sockets - Stairs Room 181,022	D	В	2	2.5	2.5	0.4	61009	С	20	10	30	1667				1.26			>999	500	~	1.54	30	~	
5 L3	Lights - Stairs Room 182,049	D	В	6	1.5	1.5	0.4	60898	С	6	10	30	2.91				0.67			>999	500	~	0.98			
6 L1	Sockets - Stairs Room 179,	D	В	2	4	4	0.4	61009	С	32	10	30	1667				0.50			>999	500	~	0.76	30	~	
6 L2	Lights - Stairs Room 181,022,001	D	В	13	1.5	1.5	0.4	60898	С	6	10		2.91				1.87			>999	500	~	2.13			
6 L3	Lights - 070,069,068,067,066,065	D	В	7	1.5	1.5	0.4	60898	С	6	10		2.91				LIM			LIM	LIM	LIM	LIM			
7 L1	Lights - Stairs Room 179	D	В	6	1.5	1.5	0.4	60898	С	6	10		2.91				1.09			>999	500	•	1.35			
7 L2	Spare																									
7 L3	Spare																									
8 L1	Lights - Stairs Room 184,064	D	В	6	1.5	1.5	0.4	60898	С	6	10		2.91				0.38			>999	500	~	0.63			
8 L2	Spare																									
8 L3	FCU - Water Heater Room 069	0	В	1	1.5	1.5	0.4	60898	С	16	10		1.10				0.04			>999	500	~	0.28			
TYP WIF	A B S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in I NG cables metallic conduit		nonm	C ermopl cables etallic	in condui		С	D rmoplastic ables in lic trunking	r		E rmopl ables tallic t	in		F Thermop /SWA ca		/SW	G mosettin A cables		H Miner insulated o				o - ot FP2			

Distribution board designation: 01-131-00-070-DB1 (Sqaure D LC) (DB-1) Location:

Circuit Circuit conductors: BS7671 Insulation Overcurrent protective RCD 00 RCD AFDD Circuit impedances (Ohms) resistance devices measu t loop e Zs **Reference Method** All circuits Disconnection time number by | Ring final circuits only Z_S Operating current, I∆n (one column to voltage Test button operation Earth Test button operation Type of wiring Number of points served Maximum n earth fault l impedance (measured end to end) Circuit num and phase Maximum Circuit designation g Ö Live be completed) Capacity Type No Max dis permitte Polarity Rating BS(EN) Live срс Test Live Live $R_1 + R_2$ r₁ rn R_2 r2 mm² mm² s А kΑ Ω MΩ MΩ V ~ Ω ms r V mΑ (Line) (Neutral) (cpc) 9 L1 AC Unit - Room 066 + Isolator D В 60898 С r 2 2.5 2.5 0.4 6 10 2.91 19 >999 500 0.39 ---------------------------Outside 9 L2 Spare _ _ . ---_ _ _ ------9 L3 Spare ---------------_ _ . ---10 L1 Spare ---10 L2 Spare ---_ _ _ ---_ _ . _ _ _ - - -_ _ . 10 L3 Lights - Roof Void D В 2.5 2.5 0.4 60898 С 10 2.91 1.13 >999 500 ~ 1.40 6 6 ---------------------------11 L1 Spare ---_ _ . ---11 L2 Spare ---11 L3 Lights - Roof Void D В 3 2.5 2.5 0.4 60898 С 10 1.20 >999 500 ~ 6 2.91 1.44 ---------------------------12 TP Spare ---В С D G н 0 - Other А E CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral FP200 TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

01-131-00-070 (23)

Distr	ibution board designation:	01-13	1-00	0-06	69-D)BL1	(Sc	aur	e D LCK	Q)		Loc	catio	n:			01-	131-00)-069	(7)							
							cuit uctors: sa	by BS7671	Overcurr	ent pr evices		ve	RCD	BS7671	(Circuit imp	pedance	es (Ohms)			nsulation esistance			sured	RC	D	AFDD
Circuit number and phase	Circuit designation		Type of wiring	Reference Method	Number of points served	Live	cpc	Max disco permitted	BS(EN)	Type No	A Rating	😽 Capacity	 3 Operating > Surrent, IΔn 	D Maximum Z _S permitted by BS		inal circuit ured end t ^r n (Neutral)		All cir (one col be com R ₁ +R ₂	umn to	0M Urve - Live	Δ M M	< Test voltage	 Polarity 	Maximum measured θ earth fault loop impedance Zs	a Disconnection time	 Test button operation 	 Test button operation
1 L1	Circuit Not Tested																										
1 L2	Bollards, Lake Area		Е	Е	5	2.5	2.5	0.4	60898	С	6	10		2.91				0.76			>999	500	•	1.04			
1 L3	Bollards, Open Plan Grass	ed Area	F	Е	7	2.5	2.5	0.4	60898	С	6	10		2.91				0.88			>999	500	•	1.18			
2 L1	Circuit Not Tested																										
2 L2	Circuit Not Tested																										
2 L3	Circuit Not Tested																										
3 L1	Flood Lights 77-86		F	Е	2	2.5	2.5	0.4	60898	В	6	10		5.82				2.11			>999	500	•	2.35			
3 L2	Flood Lights 99-102		F	Е	2	2.5	2.5	0.4	60898	В	6	10		5.82				3.46			>999	500	•	3.69			
3 L3	Flood Lights 87-90		F	Ε	3	2.5	2.5	0.4	60898	В	6	10		5.82				1.05			>999	500	•	1.28			
										1																	
TYP	E OF insulated/sheathed	B Thermoplastic cables in netallic conduit		C	C ermopl cables etallic		it	С	D rmoplastic ables in Ilic trunking	r		E rmopl ables tallic 1	in		F Thermor /SWA c			G mosetting /A cables		H Minera nsulated o				0 - 0t N/			
E	BOARD CHARACTERIS	TICS																									
	LIES WHEN THE BOARD IS								DF THE IN - 14 TP		ALLA of pł			3					Conf	irmatio	n of sup	nly n	olariʻ	tv.			/
Overcu	Irrent protective device	S(EN):					- уре				ing:	1430	з.	32		lominal	40	0 V	Zs:	Innatio		25 Ω	Ipi	5		-	86 kA
for the RCD	distribution circuit:	S(EN):					J1 -				of po	oles:			V	'oltage: lating:		mA	Disco	onnecti		ms	Di	isconn		,	- ms
	DETAILS OF TEST INS	TRUMEN	TS																ume	at In:			<u> </u>	<u>me at</u>	<u>oin:</u>		
·	ils of Test Instruments used (unctional:	state serial 1019			sset	numl	· ·		tion resist	one					10'	190817	7.4		0-	ntinuit			10	1908 [.]	171		
	electrode resistance:											<u> </u>							RC	ntinuity סי	/:						
		1019	Uğ İ	/4			E		fault loop	mp	suari	ce.			10	190817	4		RU	<i>.</i>			10	1908	1/4		
Nam	ESTED BY e: Charlie Kent		P	ositic	on:			F	Electriciar	1 1				Signat	ture.			C-te	. 1.			Dat	te:	1	5/03/	2021	
						(74)				·				J.griat					UN			201					6.01

01-131-00-069-DBL1 (Sqaure D LCKQ) Distribution board designation:

Location:

01-131-00-069 (7) Circuit Circuit conductors: BS7671 Insulation Overcurrent protective RCD G RCD AFDD Circuit impedances (Ohms) resistance devices measu t loop e Zs **Reference Method** All circuits Disconnection time number by | Ring final circuits only Z_S Operating current, I∆n (one column to Test button operation Earth Test voltage Test button operation Type of wiring Number of points served Maximum n earth fault l impedance (measured end to end) Circuit num and phase Circuit designation Maximum e ö Live be completed) Capacity Type No Polarity Max disc permitte Rating BS(EN) Live срс Live Live $R_1 + R_2$ r₁ rn R_2 r2 mm² mm² А kΑ Ω MΩ MΩ V r Ω ms r V s mΑ (Line) (Neutral) (cpc) 4 L1 Flood Lights Car Park (Circuit ---Tested 01-12-2020) Flood Lights 51-65 F Ε 2.5 2.5 0.4 60898 С 10 10 1.75 >999 500 ~ 1.88 4 L2 2 ------1.64 ---------------------Spare Ε 4 L3 --Lights - Bike Store / Fire Alarm С 60898 С V 0.33 5 L1 D 2.5 2.5 0.4 6 10 2.91 0.05 >999 500 1 ---------------------------5 L2 Spare ---_ _ _ -- - -5 L3 Spare ---_ _ _ ------_ _ . ---_ _ _ 6 TP Spare ---Spare 7 TP ---8 TP | Spare ---В С D G н 0 - Other А E CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

Distribution board designation: 01-131-00-066-DBP (Square D LCKQ) (DB-3) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 00 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits numbei Disconnection Ring final circuits only b d Z_S Operating current, I∆n (one column to voltage Test button operation Earth Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation 8 Live be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r r Α mΑ (Neutral) (cpc) ms RFC - Dado Bellow DB - Room 066 С В С 32 r 3 2.5 2.5 0.4 60898 10 0.54 0.01 LIM 0.20 1 L2 ------------------------------С 2 L2 CCTV - FCU Room 066 В 2.5 2.5 0.4 60898 С 10 10 1.75 0.02 LIM V 0.23 1 ------------------------------Data Cab Supply - Room 066 С С V 3 L2 B 2.5 2.5 0.4 60898 16 10 1.10 0.08 1 IM 0.30 1 ---------------------------4 L2 Spare --5 L2 Spare ---6 L2 Spare -- - -------7 L2 Spare ---------------------------------------_ _ _ ---------_ _ . _ _ . ------------8 L2 Spare ------------------_ _ . _ _ . ---А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 01-131-00-070-MP1 (Sqaure D) (MDP1) - 13 L2 1 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ---40 0.22 Ω 1.24 kA BS(EN): Rating: Α 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Charlie Kent Electrician 15/03/2021 Name: Position: Signature: Date: Citant

01-131-00-066 (3)

Distribution board designation: 01-131-00-052-DB1 (Square D LCKQ) (DB-66) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only b d Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button (measured end to end) Maximum r earth fault impedance Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r V Α mΑ (Neutral) (cpc) ms Boiler - Room 055 В В С V 2.5 2.5 0.4 60898 10 1.10 0.48 >999 500 0.74 1 L1 1 16 ---------------------------С V 2 L1 Lights - Room В В 12 1.5 1.5 0.4 61009 6 10 30 2.91 0.51 >999 500 V 0.80 19 ------------------050,051,052,056,055,054 Cooker - Room 055 В В 5 60898 В 40 10 --- 0.87 >999 500 r 0.26 311 1 6 6 ---------0.06 ---------------RFC - Room 050,051,055,054,053 В В 2.5 С 32 V V 4 | 1 2.5 0.4 61009 10 30 0.54 0.98 1.02 0.08 >999 500 0.31 30 16 ------------5|1|Bell Transformer ---_ _ _ ---_ _ _ - - -6 L1 Bell Transformer ---------------------------_ _ _ ---------------------Bell Transformer In DB В 60898 С V 7 L1 В 1.5 1.5 0.4 6 10 2.91 0.24 >999 500 0.50 ---------------------------8 L1 | Spare ---0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 9 L1 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ---63 A 0.21 Ω 1.08 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Charlie Kent Electrician 16/03/2021 Name: Position: Signature: Date: Citant This form is based on the model shown in Appendix 6 of BS 7671:2018. Ref: 70464 Page: 20 of 81

01-131-00-052 (5)

for the distribution circuit: a construction b construction constr	Distr	ibution board designation:	01-13	31-0	0-1	71-N	/IP1	(Sq	aur	e D) (SP	1)		Loc	catio	n:			01-1	131-00	-171	(33)							
and displayed on the control of a properties of the control of the control of a properties of the control of					77		condu	cuit ictors: sa	t time S7671				/e	RCD	S7671		Circuit im	pedance							sured	RC	D	AFDD
1 L1 DB-80 00-107-DB1- F B 1 25 16 5 60947-2 63 25 0.43 0.05 999 500 V 0.21 11 11 L3 DB-80 0.115-DB1- F B 1 25 16 5 60947-2 63 25 0.43 0.03 999 500 V 0.20	rcuit number Id phase	Circuit designation		pe of wiring	ference Methoo	mber of ints served	Live		disco	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	2 S S	(meas	ured end	to end)	(one coli be comp	umn to pleted)	1	1	Test voltage	Polarity	Maximum meas earth fault loop impedance Zs	Disconnection	Test button operation	Test button operation
112 DB 87 00-115-DB1- F B 1 25 6 5 60947.2 - 6.3 25 . 0.43 0.03 >>999 500 ✓ 0.20 1.13 DB-88 00-120-DB1- F B 1 25 6 5 69947.2 63 25 0.43 0.03 >999 500 ✓ 0.20 2 L2 DB-92 00-136-DB1- F B 1 25 65 69947.2 63 25 0.43 0.05 >999 500 ✓ 0.20 1.1 DB-95 00-136-DB1- F B 1 25 16 5 69947.2 63 25 0.43 0.06 999 500 ✓ 0.20 1.2 DB-90 0.162-DB1-	Ciran			Тyı	Re	DO	mm ²	mm ²								(Line)	(Neutral)	(cpc)										
11.3 DB-88 001-120-DB1- F B 1 25 16 5 60947-2 63 25 0.43 0.07 999 60 ✓ 0.00 999 60 ✓ 0.00 999 60 ✓ 0.01 999 60 ✓ 0.01 999 60 ✓ 0.01 999 60 ✓ 0.01 999 60 ✓ 0.01 999 60 ✓ 0.01 999 60 ✓ 0.01 999 60 ✓ 0.01 999 60 ✓ 0.01 999 60 ✓ 0.01 999 60 ✓ 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 L1	DB-80 00-107-DB1~		F	В	1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	~	0.21			
2 L1 D8-91 00-177-DB1~ F B 1 25 16 5 60947-2 63 25 0.43 0.03 999 500 V 0.19 2 L2 DB-92 00-136-DB1~ F B 1 25 16 5 60947-2 63 25 0.43 0.05 999 500 V 0.21 2 L3 DB-95 00-143-DB1~ F B 1 25 16 5 60947-2 63 25 0.43 0.06 999 500 V 0.20 3 L3 DB-90 00-162-DB1~ F B 1 25 16 5 60947-2 63 25 0.43 0.04 999 500 V 0.20 3 L3 <td>1 L2</td> <td>DB 87 00-115-DB1~</td> <td></td> <td>F</td> <td>В</td> <td>1</td> <td>25</td> <td>16</td> <td>5</td> <td>60947-2</td> <td></td> <td>63</td> <td>25</td> <td></td> <td>0.43</td> <td></td> <td></td> <td></td> <td>0.03</td> <td></td> <td></td> <td>>999</td> <td>500</td> <td>~</td> <td>0.20</td> <td></td> <td></td> <td></td>	1 L2	DB 87 00-115-DB1~		F	В	1	25	16	5	60947-2		63	25		0.43				0.03			>999	500	~	0.20			
2 L2 DB-92 00-136-DB1- F B 1 25 16 5 60947-2 63 25 0.43 0.05 >999 500 ✓ 0.21 2 L3 DB-95 00-143-DB1- F B 1 25 16 5 60947-2 63 25 0.43 0.05 >999 500 ✓ 0.29 3 L1 DB-96 00-170-DB1- F B 1 25 16 5 60947-2 63 25 0.43 0.06 999 500 ✓ 0.20 0.04 999 500 ✓ 0.21 0.04 999 500 ✓ 0.22	1 L3	DB-88 00-120-DB1~		F	В	1	25	16	5	60947-2		63	25		0.43				0.07			>999	500	~	0.20			
2 L3 DB-95 00-143-DB1- F B 1 25 16 5 60947-2 63 25 0.11 >>999 500 ✓ 0.29 3 L1 DB-96 00-151-DB1- F B 1 25 16 5 60947-2 63 25 0.43 >999 500 ✓ 0.29 3 L2 DB-100 00-170-DB1- F B 1 25 6 5 60947-2 63 25 0.43 0.08 999 500 ✓ 0.29 3 L3 DB-90 00-162-DB1- F B 1 25 6 5 60947-2 6.3 25 0.43 0.04 909 500 ✓ 0.22 </td <td>2 L1</td> <td>DB-91 00-177-DB1~</td> <td></td> <td>F</td> <td>В</td> <td>1</td> <td>25</td> <td>16</td> <td>5</td> <td>60947-2</td> <td></td> <td>63</td> <td>25</td> <td></td> <td>0.43</td> <td></td> <td></td> <td></td> <td>0.03</td> <td></td> <td></td> <td>>999</td> <td>500</td> <td>r</td> <td>0.19</td> <td></td> <td></td> <td></td>	2 L1	DB-91 00-177-DB1~		F	В	1	25	16	5	60947-2		63	25		0.43				0.03			>999	500	r	0.19			
3 L1 DB-96 00-151-DB1~ F B 1 25 16 5 60947-2 63 25 0.43 0.06 >999 500 ✓ 0.20 0.06 >999 500 ✓ 0.20 0.06 >999 500 ✓ 0.20 0.06 >999 500 ✓ 0.20 0.06 >999 500 ✓ 0.20 0.08 0.06 0.06 0.00 0.00 0.00 0.00 0.20 0.00 0.00 0.20 0.00 0.20 0.00 0.20 0.00 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20	2 L2	DB-92 00-136-DB1~		F	В	1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	~	0.21			
3 L2 DB-100 000-170-DB1~ F B 1 25 16 5 60947-2 63 25 0.08 >999 500 ✓ 0.30 3 L3 DB-90 0.162-DB1~ F B 1 25 16 5 60947-2 63 25 0.43 0.08 >999 500 ✓ 0.30 0.08	2 L3	DB-95 00-143-DB1~		F	В	1	25	16	5	60947-2		63	25		0.43				0.11			>999	500	~	0.29			
3 L3 DB-99 00-162-DB1~ F B 1 25 16 5 60947-2 63 25 0.43 0.04 >999 500 ✓ 0.22 0.04 >999 500 ✓ 0.22 0.04 >999 500 ✓ 0.22 0.04 >999 500 ✓ 0.22	3 L1	DB-96 00-151-DB1~		F	В	1	25	16	5	60947-2		63	25		0.43				0.06			>999	500	~	0.20			
A B C D E F G H O - Other CODES FOR TYPE OF WIRNO Insulated/sheathed cables in metalic conduit Thermoplastic cables in nonmetalic conduit Thermoplastic cables in nonmetalic conduit Thermoplastic cables in nonmetalic trunking Thermoplastic reables Thermoplastic reables Non reables Non r	3 L2	DB-100 00-170-DB1~		F	В	1	25	16	5	60947-2		63	25		0.43				0.08			>999	500	r	0.30			
CODES FOR WRING Thermoplastic cables in metallic conduit Mineral metallic conduit Mineral Minerallic conduit Mineral Minerallic conduit Mineral Mineal Mineral Minerallic conduit Mineral M	3 L3	DB-99 00-162-DB1~		F	В	1	25	16	5	60947-2		63	25		0.43				0.04			>999	500	~	0.22			
CODES FOR WRING Thermoplastic cables in metallic conduit Mineral metallic conduit Mineral Minerallic conduit Mineral Minerallic conduit Mineral Mineal Mineral Minerallic conduit Mineral M		I		1	1		1	1				1			1			I									I	
Type of WIRNG insulated/sheathed cables in metallic conduit cables in nonmetallic conduit cables in metallic trunking intermoplastic /SWA cables Inermosetting /SWA cables Mineral insulated cables N/A BOARD CHARACTERI STICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION Supply to this distribution board is from: Heronbank sub 3 TP No of phases: 3 Confirmation of supply polarity: Image: Overcurrent protective device for the distribution circuit: RCD BS(EN): N/A Rating: N/A Nominal Voltage: 400 V Zs: 0.18 Ω lpf: 3.44 kA RCD BS(EN): No of poles: Rating: Rating: metallic trunking 101908174 Insecondent trunking 0.18 Ω lpf: 3.44 kA RCD BS(EN):	CODE	S FOR Thermoplastic			Th		astic		The		_	The	E	lastic		F									0 - 0	ther		
APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION Supply to this distribution board is from: Heronbank sub 3 TP No of phases: 3 Confirmation of supply polarity: Image: 1 <	TYP	E OF insulated/sheathed	cables in			cables	in	t	C	ables in	r	C	ables	in			•								N/	A		
Supply to this distribution board is from: Heronbank $S TP$ No of phases: 3 Confirmation S upply of this distribution circuit: BS(EN): N/A No of phases: 3 Confirmation S upply of this distribution circuit: BS(EN): N/A No of phases: 400 v Zs: 0.18 Ω lpf: 3.44 kA RCD BS(EN): BS(EN): No of poles: Rating: Rating: 0.18 Ω lpf: 3.44 kA DETAILS OF TEST INSTRUMENTS BS(EN): No of poles: Rating: Rating: 0.18 Ω lpf: 3.44 kA DETAILS OF TEST INSTRUMENTS Image: No of poles: Rating: Rating: Rating: 101908174 Image: Image:	B	OARD CHARACTERI	STICS																									
Overcurrent protective device for the distribution circuit: RCD BS(EN): N/A N/A Nominal Voltage: 400 V Zs: 0.18 Ω Ipf: 3.44 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): Insulation resistance: 101908174 Continuity: 101908174 Multi-functional: 101908174 Insulation resistance: 101908174 Continuity: 101908174 101908174 Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174	·			NEC						OF THE IN					2					Care					•			
for the distribution circuit: BS(EN): IN/A Rating: IN/A A Voltage: 400 V Zs: 0.16 M Ipf: 5.44 kA RCD BS(EN): No of poles: Rating: max Disconnection time at In: Disconnection time at In: Disconnection time at 5In: ms DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): Insulation resistance: 101908174 Insulation resistance: 101908174 Continuity: 101908174 Barth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174	11.5				TICI			ub 5	IF			•	lase	:5:			Iominal	10			IIImatio				-			•
RCD BS(EN): No of poles: Rating: Main at In: Mime at In:		distribution circuit:	. ,									-				V					onnectio	20				rectio	n	
Details of Test Instruments used (state serial and/or asset numbers): Multi-functional: 101908174 Insulation resistance: 101908174 Continuity: 101908174 Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174	RCD										No	of po	oles:			F	Rating:		mA				• ms					• ms
Multi-functional:101908174Insulation resistance:101908174Continuity:101908174Earth electrode resistance:101908174Earth fault loop impedance:101908174RCD:101908174TESTED BY					l/or a	isset	numt	pers):																				
TESTED BY			-							ation resist	ance	e:				10	190817	74		Сс	ontinuity	<i>ı</i> :		10	1908	174		
	Earth e	electrode resistance:	101	9081	174			Ea	arth	fault loop	imp	edan	ce:			10	190817	74		R	CD:			10	1908	174		
Name: Charlie Kent Position: Electrician Signature: Cot L Date: 16/02/2021	T	ESTED BY																										
Name:Charlie KentPosition:ElectricianSignature:C toutDate:16/03/2021	Nam	e: Charlie Ke	nt	F	Positi	on:				Electriciar	۱				Signat	ture:			Cale	ut			Da	te:	1	6/03/	202	

Distribution board designation: 01-131-00-171-MP1 (Sqaure D) (SP1) Location:

01-131-00-171 (33)

	J					N - 1		- / (-											· /							
					condu	cuit ictors: sa	time S7671	Overcurr	ent pr levices		ve	RCD	BS7671	(Circuit im	pedance	es (Ohms	5)		nsulation esistance			measured t loop e Zs	R	CD	AFDD
Circuit number and phase	Circuit designatio	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n			inal circui [;] ured end [;]		(one co	rcuits Iumn to pleted) R ₂	Live - Live	Live - Earth	Test voltage	Polarity	Maximum meas earth fault loop impedance 7s	Disconnection	Test button operation	Test button operation
				žă.	mm ²			(A	kA	mA	Ω	(Line)	(Neutral)	(cpc)	0.05		MΩ	MΩ	V	V	Ω	ms	~	~
4 L1	DB-82 01-094-DB1~	F		1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	~	0.21			
4 L2	DB-83 01-103-DB1~	F	B	1	25	16	5	60947-2		63	25		0.43				0.07			>999	500	~	0.24			
4 L3	DB-84 01-107-DB1~	F	= В	1	25	16	5	60947-2		63	25		0.43				0.06			>999	500	~	0.21			
5 L1	DB-89 01-115-DB1~	F	- В	1	25	16	5	60947-2		63	25		0.43				0.06			>999	500	r	0.18			
5 L2	DB-90 01-120-DB1~	F	= B	1	25	16	5	60947-2		63	25		0.43				0.07			>999	500	~	0.16			
5 L3	DB-93 01-175-DB1~	F	= В	1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	~	0.19			
6 L1	DB-94 01-136-DB1~	F	B	1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	~	0.19			
6 L2	DB-97 01-143-DB1~	F	B	1	25	16	5	60947-2		63	25		0.43				0.04			>999	500	~	0.23			
6 L3	DB-98 01-151-DB1~	F	= B	1	25	16	5	60947-2		63	25		0.43				0.04			>999	500	~	0.21			
7 L1	DB-101 01-162-DB1~	F	= B	1	25	16	5	60947-2		63	25		0.43				0.09			>999	500	~	0.29			
7 L2	DB-102 01-170-DB1~	F	B	1	25	16	5	60947-2		63	25		0.43				0.07			>999	500	~	0.24			
7 L3	DB-85 02-023-DB1~	F	B	1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	~	0.22			
8 TP	DB-2 00-171-DB1~	F	B	1	25	16	5	60947-2		63	36		0.43				0.04			>999	500	~	0.20)		
9 TP	Spare																									
10 L1	DB-75 01-076-DB1~	F	B	1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	V	0.23			
10 L2	DB-76 01-081-DB1~	F	= B	1	25	16	5	60947-2		63	25		0.43				0.09			>999	500	r	0.28	;		
10 L3	DB-81	F	B	1	25	16	5	60947-2		63	25		0.43				0.07			>999	500	~	0.23			
11 L1	DB-86 02-024-DB1~	F	- B	1	25	16	5	60947-2		63	25		0.43				0.05			>999	500	r	0.19			
												,														
CODE	A S FOR Thermoplastic	B Thermoplastic	ТЬ	C ermopl	actio		The	D ermoplastic		The	E rmopl	lastic		F			G		Н				0 - 0	ther		
TYP	E OF insulated/sheathed	cables in metallic conduit		cables		t	C	ables in allic trunking	r		ables	in		Thermor /SWA c			mosettin /A cables		Minera insulated o				N/	Ά		
	m is based on the model s																Ref: 70	0464						Page	e: 22	of 8

Distribution board designation: 01-131-00-171-MP1 (Sqaure D) (SP1) Location:

on:

01-131-00-171 (33)

					Cir	cuit				_														_		
			-		condu	uctors: sa	time S7671	Overcurr d	ent p levice		ve	RCD	BS7671		Circuit im	pedance				nsulation esistance			measured t loop e Zs	RC	CD	AFDD
Circuit number and phase	Circuit designation	wiring	Reference Method	· of erved	Live	cuit uctors: sa cpc	disconnect itted by B:	BS(EN)	No		sity	Operating current, I∆n	Maximum Z _S permitted by B:		inal circui ured end		(one co	rcuits olumn to opleted)		- Earth	voltage	ty	Maximum meas earth fault loop impedance Zs	Disconnection time	button ation	Test button operation
Circuit and ph		Type of wiring	Referen	Number of points served			Σŭ	DO(LIV)	Type No	A Rating	😤 Capacity	M Opera	δ Derm	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	Γ Γ ΜΩ	Γixe	< Test	 Polarity 	0 Maxir impeo	s Disco time	 Test I opera 	 Test I opera
	DB-73 00-076-DB1~	F	В	1	25	16		60947-2		63	25		0.43				0.08			>999	500		0.26			
11 L3	DB-74 00-081-DB1~	F	В	1	25	16	5	60947-2		63	25		0.43				0.06			>999	500	~	0.24			
12 L1	DB-77 00-089-DB1~	F	В	1	25	16	5	60947-2		63	25		0.43				0.07			>999	500	~	0.22			
12 L2	DB-78 00-094-DB1~	F	В	1	25	16	5	60947-2		63	25		0.43				0.07			>999	500	~	0.24			
12 L3	DB-79 00-103-DB1~	F	В	1	25	16	5	60947-2		63	25		0.43				0.09			>999	500	~	0.22			
13 L1	Spare																									
13 L2	DB-4 00-172-DBP~	С	В	1	25	16	5	60947-2		40	25						0.08			>999	500	~	0.23			
13 L3	Spare																									
14 TP	Spare																									
15 TP	Spare																									
16 TP	Spare																									
17 TP	Spare																									
18 TP	Surge Protection Unit RHS Of DB Room	D	В	1	16	6	5	60947-2		63	36						0.02		>999	>999	500	~	0.20			
																									<u> </u>	<u> </u>
																							<u> </u>			
			1																							
CODE	A B S FOR Thermoplastic Thermoplas	tic	Th	C Iermopl	lastic		The	D ermoplastic		The	E rmopl	lastic		F			G		Н				0 - Ot	her		
TYP	E OF insulated/sheathed cables in RING cables metallic cond			cables netallic	in		C	ables in			ables	in		Thermo /SWA c			mosettin /A cables		Minera insulated of				N/A	A		
	m is based on the model shown in An						meta			Ionine	ant		9				Ref [.] 7(Dog		of 8

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Distribution board designation: 01-131-00-171-DB1 (Square D LCKQ) (DB-2) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 Circuit impedances (Ohms) RCD AFDD conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits Disconnection time number Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum r earth fault impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test Test Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω (Line) MΩ MΩ V ~ Ω r r Α mΑ (Neutral) (cpc) ms FCU - Storage Heaters Room 078 D В С V 2.5 2.5 0.4 60898 10 10 1.75 0.70 >999 500 0.93 1 L1 ---_ _ _ _ ---------------------1 L 2 FCU - Storage Heaters Room 092 D В 2.5 2.5 0.4 60898 С 10 10 1.75 0.72 >999 500 V 0.92 ---------------------------С 113 FCU - Storage Heaters Room 118 D B 2.5 2.5 0.4 60898 10 10 1.75 0.48 >999 500 ~ 0.72 ---1 ------------------------С V 2 L1 FCU - Storage Heaters Room 133 D В 2.5 2.5 0.4 60898 10 10 1.75 0.55 >999 500 0.78 ---1 ------------_ _ . ------2 L2 D В С FCU - Storage Heaters Room 092 2.5 2.5 0.4 60898 10 10 1.75 0.89 >999 500 V 1.06 1 ---------------------------С 2 L3 FCU - Storage Heaters Room 163 D В 2.5 2.5 0.4 60898 10 10 1.75 0.62 >999 500 V 0.86 1 ---------------------------3 L1 Lights - Stairs Room 078 D В 1.5 1.5 0.4 60898 С 10 2.91 1.12 >999 500 ~ 1.60 6 6 ---------------------------FCU - Storage Heaters Room 149 D В 2.5 2.5 0.4 60898 С 1.75 0.70 >999 500 V 0.92 3 L2 10 10 ---------------------3 L3 Time Clock Heating Control- Room D В 1.5 1.5 0.4 60898 С 10 2.91 0.24 >999 500 r 0.34 6 ---------------------------171 0 - Other А В С D Е F G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 3 1 Supply to this distribution board is from: 01-131-00-171-MP1 (Sqaure D) (SP1) - 8 TP No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 400 v 60947-2 - Type ---63 A 0.20 Ω 2.46 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5In DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Charlie Kent Electrician 16/03/2021 Name: Position: Signature: Citant Date:

01-131-00-171 (28)

Ref: 70464

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Distribution board designation: 01-131-00-171-DB1 (Square D LCKQ) (DB-2) Location:

01-131-00-171 (28)

					Ciri	cuit ictors:	time S7671	Overcurr d	ent pr evices		/e	RCD	BS7671	(Circuit imp	edance	s (Ohms	;)		nsulation esistance			ured	R	CD	AFDD
Circuit number and phase	Circuit designation	wiring	ce Method	of erved			Max disconnect time permitted by BS7671		No		ity	Operating current, I∆n	Maximum Z _S permitted by BS		nal circuit ured end t			rcuits lumn to pleted)	Live	Earth	voltage	ţ	fault loop ance Zs	Disconnection	button ation	Test button operation
Circuit and ph		Type of wiring	Reference	Number of points served	Live	cpc mm ²		BS(EN)	Type No	> Rating	🛪 Capacity	M Opera	υ Maxin permi	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	- Γί. ΩM	- Γίς ΜΩ	< Test v	 Polarity 	Maximum 1 earth fault impedance	s Discol	 Test butto operation 	 Test k opera
4 L1	Sockets Stairs - Room 078	D	В	2	2.5	2.5	0.4	61009	С	16	10	30	1.10				0.70			>999	500	~	0.90	29	~	
4 L2	Sockets Stairs - Room 092	D	В	6	2.5	2.5	0.4	61009	С	16	10	30	1.10				0.72			>999	500	~	0.94	29	~	
4 L3	Sockets Stairs - Room 118	D	В	2	2.5	2.5	0.4	61009	С	16	10	30	1667				1.21			>999	500	~	1.43	29	~	
5 L1	Sockets Stairs - Room 133	D	В	2	2.5	2.5	0.4	61009	С	16	10	30	1.10				0.41			>999	500	~	0.63	29	~	
5 L2	Sockets Stairs Room 149	D	В	2	2.5	2.5	0.4	61009	С	16	10	30	1.10				0.50			>999	500	~	0.70	29	~	
5 L3	Sockets Stairs - Room 163	D	В	2	2.5	2.5	0.4	61009	С	16	10	30	1.10				0.60			>999	500	~	0.80	29	~	
6 L1	Lights - Stairs Room 133	D	В	6	1.5	1.5	0.4	60898	С	6	10		2.91				0.78			>999	500	~	1.06			
6 L2	Lights - Stairs Room 092	D	В	13	1.5	1.5	0.4	60898	С	6	10		2.91				0.89			>999	500	~	1.18			
6 L3	Lights - Stairs Room 118	D	В	6	1.5	1.5	0.4	60898	С	6	10		2.91				0.57			>999	500	~	0.87			
7 L1	Lights - Roof Void	D	В	3	1.5	1.5	0.4	60898	С	6	10		2.91				0.95			>999	500	~	1.19			
7 L2	Lights - Stairs Room 149	D	В	6	1.5	1.5	0.4	60898	С	6	10		2.91				0.75			>999	500	~	1.00			
7 L3	Lights - Stairs Room 163	D	В	6	1.5	1.5	0.4	60898	С	6	10		2.91				0.97			>999	500	~	1.36			
8 L1	Lights - Roof Void	D	В	3	1.5	1.5	0.4	60898	С	6	10		2.91				0.41			>999	500	~	0.58			
8 L2	Lights - Room 171,172	D	В	3	1.5	1.5	0.4	60898	С	6	10		2.91				0.24			>999	500	~	0.44			
8 L3	Spare																									
9 L1	Spare																									
9 L2	Sockets - Room 171	D	В	1	2.5	2.5	0.4	61009	С	16	10	30	1.10				0.02			>999	500	~	0.21	29	~	
9 L3	Sockets - TV Amp Roof Void	D	В	1	4	4	0.4	61009	С	16	10	30	1.10				0.24			>999	500	~	0.45	29	~	
																					· · ·					
	A B SFOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in			C ermopli cables				D rmoplastic ables in			E rmopl ables			F Thermop	I		G mosettin		H Minera				0 - 01 N/		_	
	RING cables metallic conduit				condui		meta	llic trunking	r	nonmet	tallic	trunki	ng	/SWA ca	adies		A cables		insulated of	cables					<u> </u>	of 81

Distribution board designation: 01-131-00-171-DB1 (Square D LCKQ) (DB-2) Location:

Circuit

Circuit conductors: csa ti csa ti csa BS7671 resistance devices measu t loop e Zs **Reference Method** Circuit number and phase All circuits Disconnection time Ring final circuits only by | Z_S Operating current, I∆n (one column to Test button operation Test button operation Earth Test voltage Type of wiring Number of points served Maximum n earth fault l impedance (measured end to end) Maximum 2 permitted t Circuit designation g Ö Live be completed) Capacity Type No Max dis permitte Polarity Rating BS(EN) Live срс Live Live $R_1 + R_2$ r₁ rn R_2 r2 mm² mm² s А kA mΑ Ω MΩ MΩ V r Ω ms r V (Line) (Neutral) (cpc) 10 L1 Lights - Roof Void D В С 1.75 V 1.5 1.5 0.4 60898 10 10 0.40 >999 500 0.59 ---------------------------10 L2 AC Unit - 1 Room 172 D В 2.5 2.5 0.4 60898 С 10 10 --- 1.75 0.02 >999 500 V 0.22 1 ------------------------10 L3 Spare ------------------------_ _ _ . ---------------------------------------11 L1 Spare ------------_ _ --11 L2 AC Unit - 2 Room 171 D С V В 2.5 2.5 0.4 60898 20 10 --- 0.87 0.13 >999 500 0.33 1 ------------------------11 L3 Spare ---_ _ _ ------------------------------------___ ------------------_ _ . ---12 TP Spare ------------------------_ _ _ . ---------------------------___ ---------В С D G н 0 - Other А E CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking This form is based on the model shown in Appendix 6 of BS 7671:2018. Ref: 70464

Overcurrent protective

RCD

01-131-00-171 (28)

Circuit impedances (Ohms)

Insulation

00

RCD

AFDD

Distribution board designation: 01-131-00-172-DBP (Square D LCKQ) (DB-4) Location:

Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 00 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits numbei Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Test button operation Earth Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation 8 Live be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω MΩ MΩ V ~ Ω r r A mΑ (Line) (Neutral) (cpc) ms RFC - Dado Bellow DB - Room 172 С В 3 С 32 V 2.5 2.5 0.4 60898 10 0.54 0.03 >999 500 0.26 1 ---------------------------С С 2 Data Cab Supply - Room 172 В 2.5 2.5 0.4 60898 16 10 1.10 0.05 >999 500 V 0.28 1 ---------------------------3 Spare ------------_ _ _ ---------------------------------------4 Spare ---5 Spare ---Spare 6 -- - -------7 Spare ---_ _ _ ---------_ _ . _ _ . ------8 Spare ------------------_ _ _ _ _ . _ _ . ---А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 1 Supply to this distribution board is from: 01-131-00-171-MP1 (Sqaure D) (SP1) - 13 L2 No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ----0.23 Ω 0.90 kA 40 BS(EN): Rating: Α Zs: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at 5In: time at In DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Charlie Kent Electrician 16/03/2021 Name: Position: Signature: Date: Citant

This form is based on the model shown in Appendix 6 of BS 7671:2018.

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Distribution board designation: 01-131-00-006-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) (Neutral) MΩ MΩ V ~ Ω r ~ Α mΑ (cpc) ms В В В V Cooker - 004 2.5 5 60898 40 10 0.87 0.08 >999 500 0.33 1 1 4 ---------------------------V 2 RFC Sockets - 004,003,005 В В 10 2.5 1.5 0.4 61009 В 32 10 30 1.10 0.64 0.60 0.33 0.23 >999 500 V 0.55 22 ---------В В 3 Boiler - 004 B 2 2.5 1.5 0.4 60898 16 10 2.18 0.13 >999 500 V 0.38 ---------------------------V Lights - 004,003,005 В В 61009 С >999 V 4 7 1.5 1.0 0.4 6 10 30 2.91 1.27 500 1.41 19 ------------------5 Transformer - 004 ---------------------------------------___ ---------------------------Transformer - 004 6 --_ _ _ ---------_ _ . ---7 Bell Transformer - 004 В В 1.5 1.0 0.4 60898 В 10 5.82 0.01 >999 500 ~ 0.25 1 6 ---------------------------Spare 8 ------------------_ _ _ ---_ _ . ---------------------------------_ _ _ ------А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 3 L1 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ---0.24 Ω 0.94 kA 63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Ross Macdonald Electrician Ross MACDONALD 15/03/2021 Name: Position: Signature: Date:

This form is based on the model shown in Appendix 6 of BS 7671:2018.

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01-131-00-023-DB1 (Square D Loadcentre) Distribution board designation: Location:

01-131-00-023 (5) Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r ~ Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 028 В В С V 2.5 1.5 0.4 60898 10 1.10 0.07 >999 500 0.35 1 1 16 ---------------------------С V 2 Lights - 023,024,025,026,027,028 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.75 >999 500 V 0.96 18 ------------------В В В 3 Cooker - 028 2 6 1.5 5 60898 40 10 --- 0.87 0.03 >999 500 ~ 0.36 ------------------------**RFC Sockets** -В С 20 10 30 0.87 0.72 0.73 0.00 0.15 r 0.53 >40 × 4 В 10 2.5 1.5 0.4 61009 >999 500 ---------023,024,026,027,028 1.5 1.0 0.4 С 5.82 5 Bell Transformer - 023 В В 60898 6 10 0.01 >999 500 V 0.30 1 ---------------------------Transformer - 023 6 ---_ _ _ ---------------------------------_ _ _ ---_ _ _ ---Transformer - 023 7 ------------------_ _ . _ _ . --8 Spare ------------------------_ _ . --0 - Other А В С D Ε G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 4 L1 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.28 Ω 0.82 kA 60947-2 - Type ---63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174

TESTED BY Ross Macdonald Electrician Ross MACDONALD 15/03/2021 Name: Position: Signature: Date: This form is based on the model shown in Appendix 6 of BS 7671:2018. Ref: 70464

Distribution board designation: 01-131-00-020-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms Boiler FCU - 018 В В С V 2.5 1.5 0.4 60898 10 1.10 >999 500 0.35 1 1 16 ---0.11 ------------------------С V 2 Lights - 016,017,018,019,020,021 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.76 >999 500 V 1.01 15 ------------------В В В 3 Cooker - 018 2 6 1.5 5 60898 40 10 --- 0.87 0.06 >999 500 ~ 0.29 ------------------------V RFC Sockets - 018,017,016 В С V 4 В 10 2.5 1.5 0.4 61009 20 10 30 0.87 0.73 0.69 0.08 0.06 >999 500 0.44 12 ---------Bell Transformer - 020 В В С 0.28 5 1.5 1.0 0.4 60898 6 10 5.82 0.02 >999 500 V 1 ---------------------------Transformer - 020 6 ---_ _ _ ---------7 Transformer - 020 --_ _ _ - - -_ _ . ---Spare 8 ------------------_ _ _ _ _ . _ _ . ---А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 3 L3 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.25 Ω 0.90 kA 60947-2 - Type ---63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Ross Macdonald Electrician Ross MACDONALD 15/03/2021 Name: Position: Signature: Date:

This form is based on the model shown in Appendix 6 of BS 7671:2018.

01-131-00-020 (5)

Distribution board designation: 01-131-00-009-DB1 (Square D Loadcentre) Location:

DIST	induction board designation	I. 01-151	-00-	007	00	1 (3)	quai	υD	Loudee	intro	•)	LUC	Jano				01	101 0	5 007	(0)						
						condu	cuit uctors: sa	time S7671	Overcur	rent p device		ve	RCD	BS7671	(Circuit im	pedance	s (Ohms)		nsulation esistance			measured t loop e Zs	RC	D AF
Circuit number and phase	Circuit designat	ion	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	Maximum Z _S permitted by B		inal circui ured end ^r n	2	All cir (one co be com R ₁ +R ₂	lumn to	Live - Live	Live - Earth	Test voltage	Polarity	Maximum meas earth fault loop impedance Zs	Disconnection time	Test button operation Test button
aci						mm ²	mm ²	s			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	r	Ω	ms	~ .
1	Cooker - 012		В	В	2	6	2.5	5	60898	В	40	10		0.87				0.09			>999	500	~	0.35		
2	RFC Sockets - 011,012,013,014,015		В	В	10	2.5	1.5	0.4	61009	С	32	10	30	1667	0.94	0.92	0.19	0.15			>999	500	r	0.66	29	~
3	Boiler - 012		В	В	1	2.5	1.5	0.4	60898	В	16	10		2.18				0.24			>999	500	~	0.41		
4	Lights - 012,015,011,0)13,014	В	В	7	1.5	1.0	0.4	61009	С	6	10	30	2.91				1.54			>999	500	~	1.72	18	ر
5	Contactor - 009																									
6	Contactor - 009																									
7	Bell Transformer - 009)	В	В	1	1.5	1.0	0.4	60898	В	6	10		5.82				0.02			>999	500	r	0.26		
8	Spare																									
A A B A																										
6 Contactor - 009															~											
		BS(EN):		60	947-	2 - T	уре			Ra	ting:			63	Δ		12	0 V	Zs:		0.2	24 Ω	lp	f:		0.95
for the distribution circuit:										of po	oles:				ating:		mA		connecti e at In:	on	· ms		isconn <u>me at</u>		י ^ו	
	DETAILS OF TEST I				ssot	num	nore)																			
	ails of Test Instruments u	inas atets) has	al anc	1/0r a																						
Deta	ails of Test Instruments u functional:	-	al and 1908		5561	num			ation resis	stanc	e:				10	190817	74		Co	ontinuit	y:		10	1908	174	
Deta Multi-f		10		174	5561	nann	h	nsula	ation resis fault loop			ce:				190817 190817				ontinuit <u>:</u> CD:	y:			1908 [.] 1908 [.]		
Deta Multi-f Earth	functional: electrode resistance: TESTED BY	10 ⁻ 10 ⁻	1908 ⁻ 1908 ⁻	174			h	nsula arth		o imp		ce:		Signa	10 ⁻			Ross 1	R	CD:	y:	Da	10	1908 ⁻		

01-131-00-009 (5)

Distribution board designation: 01-131-00-032-DB1 (Square D Loadcentre) Location:

Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r r Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 029 В В С V 2.5 1.5 0.4 60898 10 1.10 0.08 >999 500 0.37 1 1 16 ---------------------------С V 2 Lights - 029,030,031,032,033,035 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.95 >999 500 V 1.24 15 ------------------В В В 3 Cooker - 029 2 6 1.5 5 60898 40 10 --- 0.87 0.09 >999 500 V 0.38 -----------------------r В С 32 10 30 0.54 0.65 0.70 0.12 0.05 V 4 **RFC Sockets-**В 10 2.5 1.5 0.4 61009 >999 500 0.34 20 ---------029,030,031,032,033,035 1.5 1.0 0.4 С 5 Bell Transformer - 032 В В 60898 6 10 2.91 0.08 >999 500 V 0.37 1 ---------------------------Contactor - 032 6 ---_ _ _ ---------------------_ _ _ ------_ _ _ ------_ _ _ ---7 Contactor - 032 ------------_ _ . ------_ _ . --_ _ . 8 Spare ------------------------_ _ . --0 - Other А В С D Ε G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 4 L2 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.29 Ω 0.79 kA 60947-2 - Type ---63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Ross Macdonald

Name:

Signature:

Ross MACDONALD

01-131-00-032 (5)

15/03/2021

TESTED BY

Name:

Ross Macdonald

Distribution board designation: 01-131-00-038-DB1 (Square D Loadcentre) Location:

Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r ~ Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 036 В В С V 2.5 1.5 0.4 60898 10 1.10 >999 500 0.33 1 1 16 ------0.11 ---------------------С V 2 Lights - 036,037,038,039,040,041 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 1.04 >999 500 V 1.26 17 ------------------В В В 3 Cooker - 036 2 6 1.5 5 60898 40 10 --- 0.87 0.06 >999 500 V 0.28 -----------------------r В С 32 10 30 0.54 0.82 0.95 0.20 0.16 V 4 RFC Sockets -В 10 2.5 1.5 0.4 61009 >999 500 0.28 13 ---------036,037,038,039,040,041 1.5 1.0 0.4 С 5 Bell Transformer - 038 В В 60898 6 10 2.91 0.16 >999 500 V 0.38 1 ---------------------------Transformer - 038 6 ---_ _ _ ------------------------_ _ _ ------_ _ _ ------_ _ _ ---Transformer - 038 7 ------------------_ _ . _ _ . --8 Spare ------------------------_ _ . --0 - Other А В С D Ε G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 4 L3 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 1.02 kA 60947-2 - Type ---63 A 0.22 Ω BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174

01-131-00-038 (5)

Ross MACDONALD

Ref: 70464

Signature:

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Electrician

15/03/2021

Distribution board designation: 01-131-00-046-DB1 (Square D Loadcentre) Location:

Circuit BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD resistance devices measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r r Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 044 В В С V 2.5 1.5 0.4 60898 10 1.10 0.15 >999 500 1 1 16 ------------0.47 ---------------С V 2 Lights - 042,043,044,045,046,047 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.87 >999 500 V 1.18 19 ------------------В В В 3 Cooker - 044 2 6 1.5 5 60898 40 10 --- 0.87 0.02 >999 500 V 0.28 -----------------------r В С 32 10 30 0.54 0.99 0.99 0.21 0.14 V 4 **RFC Sockets -**В 10 2.5 1.5 0.4 61009 >999 500 0.42 13 ---------043,044,045,046,047 1.5 1.0 0.4 С 5 Bell Transformer - 046 В В 60898 6 10 2.91 0.03 >999 500 V 0.31 1 ---------------------------Transformer - 046 6 ---_ _ _ ------------------------_ _ _ ------_ _ _ ------_ _ _ ---7 Transformer - 046 ------------_ _ . ------_ _ . _ _ . --8 Spare ------------------------_ _ . --0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral q1Q1 TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 5 L1 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 63 A 0.25 Ω 0.93 kA 60947-2 - Type ---BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Ross Macdonald

Name:

Signature:

Ross MACDONALD

01-131-00-046 (5)

15/03/2021

Distribution board designation: 01-131-00-062-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms В В В V Boiler - 059 2.5 1.5 0.4 60898 10 2.18 0.08 >999 500 0.28 1 1 16 ---_ _ _ _ ---------------------2 Cooker - 059 В В 2 4 2.5 5 60898 В 40 10 0.87 0.05 >999 500 V 0.24 ---------------------------В В С 1.67 19 V 3 Lights - 057,058,059,060,062,063 7 1.5 1.0 0.4 61009 6 10 30 2.91 1.54 >999 500 V ---------------_ _ _ ~ В В В 32 10 30 1.10 0.91 V 4 RFC Sockets -10 2.5 1.5 0.4 61009 0.95 0.26 0.27 >999 500 0.47 18 ---------0567,059,060,061,062 5 Transformer- 062 ------------------_ _ _ ------------------------------------_ _ _ ---------Transformer - 062 6 ---_ _ _ --Bell Transformer - 062 В В 60898 500 ~ 7 1.5 1.0 0.4 В 6 10 5.82 >999 ---------------------------------8 Spare ---А В С D Е G Н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 5 L3 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ---63 A 0.18 Ω 1.24 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Adam McGunigle

Name:

Signature:

01-131-00-062 (5)

05/05/2021

Distribution board designation: 01-131-00-076-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms В В В V Boiler - 073 2.5 1.5 0.4 60898 10 2.18 0.09 >999 500 0.39 1 1 16 ---------------------------С V 2 Lights - 071,072,073,074,076,077 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 1.27 >999 500 V 1.53 19 ------------------В B В >999 500 3 Cooker - 073 2 2.5 5 60898 40 10 0.87 0.07 V 0.33 4 ---------------------------V RFC Sockets 071,073,074,076,077 В 61009 В 32 >999 V 0.59 29 4 В 10 2.5 1.5 0.4 10 30 1.10 1.03 1.07 0.22 0.30 500 ---------5 Transformer - 076 ------------------------------___ ------------------------------------Transformer - 076 6 --_ _ _ ------------7 Bell Transformer - 076 D В 1.5 Mech0.4 60898 С 10 2.91 0.01 >999 500 V 0.26 1 6 ---------------------------8 Spare ---------_ _ _ ------_ _ _ ---_ _ . ---------------------------------_ _ _ ------А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 1 Supply to this distribution board is from: 01-131-00-171-MP1 (Sqaure D) (SP1) - 11 L2 No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ---63 A 0.26 Ω 0.86 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Adam McGunigle Electrician 15/03/2021 Name: Position: Signature: Date:

This form is based on the model shown in Appendix 6 of BS 7671:2018.

01-131-00-076 (5)

Distribution board designation: 01-131-00-170-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r r Α mΑ (Neutral) (cpc) ms Boiler FCU - 167 В В В V 2.5 1.5 0.4 60898 10 2.18 0.15 >999 500 0.51 1 1 16 _ _ _ _ ------------------------С V 2 Lights - 164,165,166,167,168,170 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.52 >999 500 V 0.87 16 ------------------В B В 3 Cooker - 167 2 6 1.5 5 60898 40 10 --- 0.87 0.08 >999 500 V 0.40 ------------------------V В 61009 С 32 >999 V 4 RFC Sockets- 164,165,167,168,170 В 10 2.5 1.5 0.4 10 30 1667 0.87 0.92 0.25 0.27 500 0.55 29 ---------5 Contactor - 170 ---------------------------------___ ---------------------------------Contactor - 170 6 --_ _ _ ------_ _ _ ---7 Bell Transformer - 170 В В 1.5 1.0 0.4 60898 С 10 2.91 0.01 >999 500 V 0.22 1 6 ---------------------------8 Spare ------------------_ _ _ ---_ _ . ---------------------------------_ _ _ ------А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 3 L2 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 63 A 0.30 Ω 0.78 kA 60947-2 - Type ---BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5In DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101142850 N/A N/A Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: N/A Earth fault loop impedance: N/A RCD: N/A TESTED BY Adam McGunigle Electrician 15/03/2021 Name: Position: Signature: Date:

01-131-00-170 (5)

Distribution board designation: 01-131-00-081-DB1 (Square D Loadcentre) Location:

Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g Live be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω MΩ MΩ V ~ Ω r r A mΑ (Line) (Neutral) (cpc) ms В В В V Boiler - 084 2.5 1.5 0.4 60898 10 2.18 0.10 >999 500 0.37 1 1 16 ---------------------------С V 2 Lights - 079,080,081,083,084,085 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.83 >999 500 V 1.11 13 ------------------В В В 3 Cooker - 084 2 4 2.5 5 60898 40 10 --- 0.87 0.31 >999 500 V 0.58 ------------------------~ **RFC Sockets** -В В 32 10 30 1.10 1.04 1.04 0.14 0.27 >999 500 V 4 В 10 2.5 1.5 0.4 61009 0.52 ------------079,080,081,083,084 5 Spare ------------_ _ _ ------------------------------------_ _ _ ---_ _ _ - - -------Spare 6 _ _ _ ---------------------_ _ _ ------------------_ _ _ ---7 Spare ------------_ _ . --_ _ . ---8 Spare ---------------------_ _ . ---0 - Other А В С D Ε G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 1 Supply to this distribution board is from: 01-131-00-171-MP1 (Sqaure D) (SP1) - 11 L3 No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ----0.24 Ω 0.95 kA 63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5In: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174

Electrician

Page: 38 of 81

Date:

06/05/2021

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Adam McGunigle

TESTED BY

Name:

Signature:

01-131-00-081 (5)

Distribution board designation: 01-131-00-094-DB1 (Square D Loadcentre) Location:

		Loadoo		5)		Junio				• •			. (0)			_		_									
						cond	cuit uctors: sa	time 37671	Overcuri	rent p device		ve	RCD	BS7671	(Circuit im	pedance	s (Ohms	5)		nsulation esistance			ured	R	CD	AFD
Circuit number and phase	Circuit designat	ion	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I <u>A</u> n	Maximum Z _S permitted by	(measure (measure) (measur	inal circui ured end ^r n	r ₂	(one co	rcuits Iumn to pleted) R ₂	Live - Live	Live - Earth	Test voltage	Polarity	Maximum measured earth fault loop impedance Zs	Disconnec	Test button operation	Test button
1	Boiler - 097		B	В	1		^{mm²}		60898	В	А 16	ка 10	mA	Ω 2.18	(Line)	(Neutral)	(cpc)	0.23		ΜΩ	MΩ >999	v 500	~ ~	Ω 0.45	ms	 	~ ~
2	Lights - 094,096,097,	100	В	В	7		1.0		61009	С	6			2.91				0.63			>999		v	0.83		~	
3	Cooker - 097		В	В	2	4	2.5		60898	В	40	10		0.87				0.26			>999			0.52			
4	RFC Sockets - 094,09	5,096,097	В	В	10	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.75	0.78	0.17	0.19			>999	500	v	0.45	29	~	
5	Transformer - 094																										
6	Transformer - 094																										
7	Bell Transformer - 094	1	D	В	1	1.5	Mech	1 0.4	60898	С	6	10		2.91				0.01			>999	500	r	0.24			
8	Spare																										
									1		1	1			1					1							
CODE	A Thermonlastic	B		Th	C	lastic		Tho	D		The	E	lastic		F			G		Н				0 - 0	ther		
TYP	E OF insulated/sheathed	cables in			cables	in	it	С	ables in	1	С	ables	in		Thermor /SWA c			mosettin 'A cables		Miner insulated				N/	Ά		
														1					Con	ifirmatio	n of sup	oply p	olari	ty:			~
	-	BS(EN):		60	947-	2 - 1	уре			Ra	ting:			63	^	lominal 'oltage:		0 V	Zs:		0.2	24 Ω	lp	of:		0.	91 k
RCD	distribution circuit:	BS(EN):								No	of po	oles:				ating:		mA		connecti e at In:	on	- ms		isconr me at		n	m
																				<u>o ut in.</u>				<u>ne at</u>			
					isset	num			tion resis	tanc	e:				10	19081	74		С	ontinuit	y:		10)1908	174		
Earth e	BOARD CHARACTERISTICS PPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION oply to this distribution board is from: 01-131-00-171-MP1 (Sqaure D) (SP1) - 12 L2 No of phases: ercurrent protective device BS(EN): 60947-2 - Type Rating:														10	19081	74			CD:	,		10)1908	174		
Т	ESTED BY																										
Nam	e: Adam McC	Sunigle	F	Positi	on:			E	Electricia	n				Signa	ture:			6	2			Da	te:	1	5/03	/202	1
This for	OR insulated/sheathed addies Thermoplastic cables in metallic conduit Thermoplastic cables in metallic cables in metallic cables in metallic conduit Thermoplastic cables in metallic cables in metallic trunking Thermoplastic cables in metallic cables in metallic trunking Thermoplastic cables in metallic trunking Thermoplastic cables in metallic trunking OARD CHARACTERISTICS Set and the cables 01-131-00-171-MP1 (Sqaure D) (SP1) - 12 L2 No of phases: ES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 01-131-00-171-MP1 (Sqaure D) (SP1) - 12 L2 No of phases: ent protective device istribution circuit: BS(EN): 60947-2 - Type Rating: 6 Of Test Instruments used (state serial and/or asset numbers): of Test Instruments used (state serial and/or asset numbers): Insulation resistance: insulation resistance: State serial and/or asset numbers): STED BY STED BY State serial and series State serial and series State series State series State series																	Ref: 70	0464		_				Pag	e: 39	of 8

01-131-00-094 (5)

Distribution board designation: 01-131-00-089-DB1 (Square D Loadcentre) Location:

		101 00				cuit		Loudoo		,			-						(-)			_				
					condu	ictors: sa	t time S767	Overcurr	ent p levice		ve	RCD	BS7671		Circuit imp	pedance	es (Ohms)			nsulation esistance			measured loop t Zs	RC	D	AFC
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating		Operating current, I∆n	Maximum Z _S permitted by	(measu	nal circui [:] ured end r		All circ (one colu be comp R ₁ +R ₂	mn to	Live - Live	Live - Earth	Test voltage	Polarity	Maximum earth fault impedance		Test button operation	Test button
0 æ 1	Boiler - 091	B		z a 1		^{mm²}	s 0.4	60898	В	а 16	ка 10	-	Ω 2.18	(Line)	(Neutral)	(cpc)	0.19		ΜΩ	MΩ >999	v 500	~ ~	Ω 0.42	ms		•
2	Lights - 086,087,088,089,091	B		7		1.0			C	6			2.91				0.93			>999		~	1.15		r	_
3	Cooker - 091	B		2	4	2.5	5	60898	B	40	10		0.87				0.20			>999		~	0.38			_
4	RFC Sockets 086,087,088,089				2.5				B	32			1.10	0.77	0.78	0.19	0.22			>999		~	0.41		r	_
5	Transformer - 089																									
6	Transformer - 089																									
7							0.4				10	 	2.91				0.01			>999	500	~	0.22			
, 8																										
				С				D			E			F			G		Н				0 - 01	ther		
TYF	PE OF insulated/sheathed cab	les in		cables	in	t	С	ables in	1	C	ables	in		Thermop /SWA c			mosetting /A cables	i	Minera insulated c				N/	А		
													1					Conf	firmatio	n of sup	g ylga	olari	ty:			~
	- BOLEN	۱):	60	947-	2 - T	уре			Ra	ting:			63	^	ominal oltage:	23	0 V	Zs:		0.2	22 Ω	lp	f:		1.()5
RCD		J):							No	of po	oles:				ating:		mA		onnectio at In:	on	- ms	Di	isconn me at		٦ 	- r
																		une	<u>, at III.</u>				<u>ne al</u>	<u>JIII.</u>		
				asset	numt			tion resis	tanc	e.				101	190817	74		Co	ontinuity			10)1908 ⁻	174		
	A B C D DES FOR IPE OF INSURTED STRUMENTS Thermoplastic cables in cables in cables in metallic conduit Thermoplastic cables in nonmetallic conduit Thermoplastic cables in metallic conduit Thermopl														190817				CD:	y.)1908 ⁻			
	TESTED BY																					-				
Nam			Positi	on:			E	Electricia	n				Signa	ture:			4	2			Dat	te:	1	5/03/	202	1
his fo	A B C D I I.0 Itect 0.1.4 00070 C C I0 ippare																Ref: 704	164						Page	: 40	of

01-131-00-089 (5)

Distribution board designation: 01-131-00-107-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms В В В V Boiler - 105 2.5 1.5 0.4 60898 10 2.18 0.10 >999 500 0.35 1 1 16 ---------------------------С V 2 Lights - 105,107,108,109,110 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.50 >999 500 V 0.76 15 ------------------В B В 0.26 3 Cooker - 105 4 2.5 5 60898 40 10 --- 0.87 0.07 >999 500 V 1 ------------------------~ **RFC Sockets** -В В 32 10 30 1.10 0.81 V 4 В 10 2.5 1.5 0.4 61009 0.81 0.20 0.22 >999 500 0.46 27 ---------105,106,107,109,110 5 Transformer - 107 ---_ _ _ ------- - -------Transformer - 107 6 ---_ _ . ---Bell Transformer - 107 D В 60898 С 500 V 7 1.5 Mech0.4 6 10 2.91 0.01 >999 0.22 ---------------------------8 Spare ---0 - Other А В С D Ε G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 1 L1 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 63 A 1.08 kA 60947-2 - Type ---0.21 Ω BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Adam McGunigle

Name:

Signature:

01-131-00-107 (5)

15/03/2021

Distribution board designation: 01-131-00-103-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms В В В V Boiler - 098 2.5 1.5 0.4 60898 10 2.18 0.15 >999 500 1 1 16 ---------0.41 ------------------С V 2 Lights - 098,099,101,103,104 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 1.12 >999 500 V 1.42 15 ------------------В B В 0.26 3 Cooker - 098 4 2.5 5 60898 40 10 --- 0.87 0.07 >999 500 V 1 -----------------------r В В 32 10 30 1.10 0.74 0.71 0.21 0.22 V 4 RFC Sockets -В 10 2.5 1.5 0.4 61009 >999 500 0.42 29 ---------098,099,102,103,104 5 Transformer - 103 --_ _ _ ---- - -------Transformer - 103 6 ---_ _ . ---Bell Transformer - 103 D В 60898 С 500 ~ 7 1.5 Mech0.4 6 10 2.91 0.01 >999 0.22 ---------------------------8 Spare ---0 - Other А В С D Ε G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 ~ Supply to this distribution board is from: 01-131-00-171-MP1 (Sqaure D) (SP1) - 12 L3 No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ----63 A 0.22 Ω 1.04 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Adam McGunigle Electrician 15/03/2021 Name: Position: Signature: Date:

01-131-00-103 (5)

Distribution board designation: 01-131-00-120-DB1 (Square D Loadcentre) Location:

	5					`					·									• •							
						condu	cuit uctors: sa	time 37671	Overcurr	ent pr levices		ve	RCD	BS7671	0	Circuit imp	pedance	es (Ohms)		nsulation esistance			ured	RC	D	AFDD
Circuit number and phase	Circuit designal	ion	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	🖌 Capacity	<pre>3 Operating > current, I∆n</pre>	Maximum Z _S permitted by	(measu	nal circui ured end r rn	r ₂	All cir (one col be com R ₁ +R ₂	lumn to	ΩM Uve - Live	Δ Δ Σ Live - Earth	< Test voltage	 Polarity 	Maximum measured D earth fault loop impedance Zs			 Test button operation
1	Boiler - 123		В	В	1		1.5		60898	В	16	10	-	0.10	(Line)	(Neutral)	(cpc)	0.07			>999	500		0.26	ms		
2	Lights - 119,120,122,	123,124,125	В	В	7	1.5	1.0	0.4	61009	С	6	10	30	2.91				0.83			>999	500	r	1.10	15	~	
3	Cooker - 123		В	В	2	4	2.5	5	60898	В	40	10		0.87				0.05			>999	500	V	0.21			
4	RFC Skts - 119,120,121,122,123,	125	В	В	10	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.97	1.00	0.14	0.21			>999	500	~	0.61	29	~	
5	Transformer - 120																										
6	Transformer - 120																										
7	Bell Transformer - 120)	В	В	1	1.5	1.0	0.4	60898	В	6	10		5.82				0.01			>999	500	~	0.21			
8	Spare																										
	A	В			С				D			E			F			G		Н				0 - 01	ther		
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic condui			ermopl cables ietallic	in	it	(ermoplastic cables in Illic trunking	r		rmop ables tallic	in		Thermop /SWA c			mosettinę /A cables	J	Minera nsulated c				N/	A		
APP	BOARD CHARACTE LIES WHEN THE BOAR to this distribution boar	D IS NOT COM							DF THE I M) - 1 L3		ALLA of pł			1					Conf	firmatio	n of sup	oply p	olari	ty:			~
	urrent protective device distribution circuit:	BS(EN):		60	947-	2 - 7	уре			Rat	ting:			63	~	ominal oltage:	23	0 V	Zs:		0.2	20 Ω	lp	f:		1.1	l 6 kA
RCD		BS(EN):								No	of po	oles:				ating:		mA		onnectio at In:	on	· ms		isconn me at		۱ 	- ms
	DETAILS OF TEST I ils of Test Instruments u			l/or a	isset	numl	pers)																				
	unctional:		1428						ation resis	tance	e:								Сс	ontinuity	/:						
Earth	electrode resistance:						E	arth	fault loop	imp	edan	ce:							RC	D:							
T	ESTED BY																										
Nam	e: Adam McC	Gunigle	F	Positi	on:				Electricia	n				Signa	ture:			6	2			Da	te:	1	3/05/	2021	1
This for	rm is based on the mode	shown in Appe	endix	6 of	BS 7	671::	2018											Ref: 70)464						Page	: 43	of 81

01-131-00-120 (5)

Distribution board designation: 01-131-00-151-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms В В В V Boiler - 153 2.5 1.5 0.4 60898 10 2.18 0.33 >999 500 0.50 1 1 16 _ _ _ _ ------------------------С V 2 Lights - 148,151,152,153,154,155 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.55 >999 500 V 0.83 15 ------------------В B В 3 Cooker - 153 2 2.5 5 60898 40 10 --- 0.87 0.07 >999 500 V 0.28 4 -----------------------х RFC Sockets - 148,151,152,153155 В 61009 В 32 >999 V 0.63 > 40 4 В 10 2.5 1.5 0.4 10 30 1.10 0.94 0.90 0.23 0.26 500 ---------5 Transformer - 151 ---Transformer - 151 6 ---7 Bell Transformer - 151 D В 1.5 Mech0.4 60898 С 10 2.91 0.01 >999 500 V 0.21 1 6 ---------------------------8 Spare ---------_ _ _ ------_ _ _ ---_ _ . ---------------------------------_ _ _ ------А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 3 L1 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 1.20 kA 60947-2 - Type ---63 A 0.20 Ω BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Adam McGunigle Electrician 15/03/2021 Name: Position: Signature: Date:

01-131-00-151 (5)

Distribution board designation: 01-131-00-177-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r r Α mΑ (Neutral) (cpc) ms В В В V Boiler - 129 2.5 1.5 0.4 60898 10 2.18 0.21 >999 500 0.39 1 1 16 ---------------------------С V 2 Lights - 126,127,128,129,131,177 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.54 >999 500 V 0.75 15 ------------------В В В 0.28 3 Cooker - 129 2 4 2.5 5 60898 40 10 --- 0.87 0.09 >999 500 V ------------------------~ **RFC Sockets** -В В 32 10 30 1.10 0.94 0.98 0.18 0.23 V 4 В 10 2.5 1.5 0.4 61009 >999 500 0.47 9 ---------126,128,129,131,177 5 Transformer - 177 ---_ _ _ _ ---_ _ _ ------- - -------Transformer - 177 6 ---_ _ . ---Bell Transformer - 177 D В 60898 С ~ 7 1.5 Mech0.4 6 10 2.91 0.01 >999 500 0.20 ---------------------------8 Spare ---0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 2 L1 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.19 Ω 60947-2 - Type ---63 A 1.21 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

Position:

Adam McGunigle

Name:

Signature:

01-131-00-177 (5)

15/03/2021

Distribution board designation: 01-131-00-143-DB1 (Square D Loadcentre) Location:

Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms В В В V Boiler - 145 2.5 1.5 0.4 60898 10 2.18 >999 500 0.50 1 1 16 ---0.17 ------------------------С V 2 Lights - 141,142,143,145,146,147 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.74 >999 500 V 0.94 18 ------------------В В В 3 Cooker - 145 2 4 2.5 5 60898 40 10 --- 0.87 0.06 >999 500 V 0.37 ------------------------~ В В 32 10 30 1.10 0.84 0.84 0.11 0.22 V 4 RFC Sockets -В 10 2.5 1.5 0.4 61009 >999 500 0.49 15 ---------141,143,145,146,147 5 Transformer - 143 ------_ _ _ _ ---------_ _ _ ------------------------------------_ _ _ ---------Transformer - 143 6 --Bell Transformer - 143 D В 60898 С V 7 1.5 Mech0.4 6 10 2.91 0.01 >999 500 0.30 ---------------------------8 Spare ---0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 2 L3 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 63 A 0.29 Ω 0.78 kA 60947-2 - Type ---BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Adam McGunigle

Name:

Signature:

01-131-00-143 (5)

15/03/2021

Distribution board designation: 01-131-00-136-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms В В В V Boiler - 140 2.5 1.5 0.4 60898 10 2.18 0.10 >999 500 0.32 1 1 16 ---------------------------С V 2 Lights - 134,136,137,138,139,140 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.62 >999 500 V 0.87 15 ------_ _ _ _ ---------В В В 0.28 3 Cooker - 140 2 4 2.5 5 60898 40 10 --- 0.87 0.09 >999 500 V -----------------------r **RFC Sockets** -В В 32 10 30 1.10 1.03 1.04 0.26 0.29 V 4 В 10 2.5 1.5 0.4 61009 >999 500 0.46 10 ---------134,136,137,138,139,140 5 Transformer - 136 ------_ _ _ _ ---_ _ _ ---- - -------Transformer - 136 6 ---_ _ . ---Bell Transformer - 136 D В 60898 С 500 V 7 1.5 Mech0.4 6 10 2.91 0.01 >999 0.22 ---------------------------8 Spare ---0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 2 L2 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 63 A 60947-2 - Type ---0.21 Ω 1.12 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

Position:

Adam McGunigle

Name:

Signature:

01-131-00-136 (5)

15/03/2021

Distribution board designation: 01-131-00-115-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum r earth fault impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω MΩ MΩ V ~ Ω r ~ Α mΑ (Line) (Neutral) (cpc) ms В В С V Boiler - 113 2.5 1.5 0.4 60898 10 1.10 0.06 >999 500 0.38 1 1 16 ---------------------------С V 2 Lights - 111,112,113,114,115,117 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.19 >999 500 V 0.57 16 ------_ _ _ _ ---------В В В 3 Cooker - 113 2 4 2.5 5 60898 40 10 --- 0.87 0.09 >999 500 V 0.41 -----------------------r В С 32 10 30 0.54 0.94 0.97 0.26 0.25 V 4 RFC Sockets -В 10 2.5 1.5 0.4 61009 >999 500 0.48 10 ---------111,113,114,115,116,117 5 Transformer - 115 ---_ _ _ ------- - -------Transformer - 115 6 ---_ _ _ ---Bell Transformer - 115 D В 60898 С ~ 7 1.5 Mech0.4 6 10 2.91 0.01 >999 500 0.31 ---------------------------8 Spare ---0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 1 L2 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.30 Ω 0.76 kA 60947-2 - Type ---63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Adam McGunigle

Name:

Signature:

01-131-00-115 (5)

15/03/2021

Distribution board designation: 01-131-00-162-DB1 (Square D Loadcentre) Location:

Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g Live be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω MΩ MΩ V ~ Ω r ~ Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 159 В В С V 2.5 1.5 0.4 60898 10 1.10 0.22 >999 500 1 1 16 ------0.46 ---------------------С V 2 Lights - 156,157,158,159,160,162 В В 2 1.5 1.0 0.4 61009 6 10 30 2.91 0.41 >999 500 V 0.64 16 ------------------В В В 0.35 3 Cooker - 159 7 6 1.5 5 60898 40 10 --- 0.87 0.12 >999 500 V ------------------------~ **RFC Sockets** -В С 32 10 30 0.54 0.96 0.94 0.20 0.27 V 4 В 10 2.5 1.5 0.4 61009 >999 500 0.46 9 ------_ _ _ 156,157,158,159,160,162 5 Spare --_ _ _ ---- - -------Spare 6 ---_ _ _ _ _ _ --_ _ _ ---7 Spare ------------_ _ . --_ _ . ---8 Spare ---------------------_ _ . ---0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 3 L3 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 63 A 1.03 kA 60947-2 - Type ---0.22 Ω BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Ross Macdonald

Name:

Signature:

Ross MACDONALD

01-131-00-162 (4)

15/03/2021

Distr	ribution board designation								rdic)			Loc	catio	n:			01-	131-0	0-065	5 (4)							
				7			cuit ictors: şa	t time S7671	Overcur	rent pr devices		ve	RCD	BS7671		Circuit im	pedance				nsulation esistance			t loop e Zs	RC	D	AFDD
Circuit number and phase	Circuit designati	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	No	ŋ	city	Operating current, I∆n	Maximum Z _S permitted by B		inal circui ured end		All cir (one co be com	lumn to	- Live	- Earth	voltage	ity	Maximum mea earth fault loop impedance Zs	Disconnection time	Test button operation	Test button operation				
Circuit and ph			Type of wiring	Reference Method	Number of points served	mm ²			()	Type No	> Rating	🗧 Capacity	m Coper M	5 Maxin perm	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	Γ. Γ. ΜΩ	Γ Γ ΜΩ	< Test	 Polarity 	Δ earth impe	us time	 Test opera 	 Test opera
1	Lgts Em 00-179,180,0	1-008,022	0	E	15	1.5	1.5	0.4	88-2	gG	6	80		6.24				1.59			>999	500	~	LIM			
2	Neutral		0	E		1.5	1.5	0.4	88-2	gG	6	80		6.24													
3	Lgts Em 00-070,182,184,01-04	9,064	0	E	14	1.5	1.5	0.4	88-2	gG	6	80		6.24				1.15			>999	500	~	LIM			
4	Neutral		1.5	1.5	0.4	88-2	gG	6	80		6.24																
5	Lgts Em 00-078,102,118,01-07	1.5	1.5	0.4	88-2	gG	6	80		6.24				1.84			>999	500	~	LIM							
6	Neutral		0	E		1.5	1.5	0.4	88-2	gG	6	80		6.24													
7	Lgts Em 00-143,149,163,01-13	14	1.5	1.5	0.4	88-2	gG	6	80		6.24				2.61			>999	500	~	LIM						
000	О0-143,149,163,01-132,149,163														F			G		Н				0 - 0	ther		
TYP	ES FOR Thermoplastic PE OF insulated/sheathed RING cables	Thermoplastic cables in metallic condu		(ermopla cables i etallic o	in	t	C	moplastic ables in lic trunking	r		ables	in		Thermo /SWA c			mosettin /A cables		Minera insulated c				N/	A		
	BOARD CHARACTER																										
	PLIES WHEN THE BOARI								0F THE I 1) - 1 L3		ALLA of pł			1					Con	firmatio	n of sup	oply p	olarit	y:			~
	urrent protective device e distribution circuit:	BS(EN):		6	0898	3 - T <u>y</u>	ype (С		Rat	ting:			16		lominal /oltage:		0 V	Zs:		0.2	26 Ω	lpt	f:		0.8	87 k <i>i</i>
RCD		BS(EN):				N/A				No	of po	oles:		N/A		Rating:		A mA		connectio e at In:	on N/	A ms	Di tir	sconn ne at	ectioi 5In:	N/۸ ۲	'A m
	DETAILS OF TEST I																			<u>o at iiii</u>				<u></u>	0		
	ails of Test Instruments us functional:	-	ar and 19081		sset i	numi	-		tion resis	stance	e:				10	190817	74		C	ontinuity	/:		10	1908	174		
Earth	electrode resistance:	101	19081	174			E	arth	fault loop	o imp	edan	ce:			10	190817	74			CD:			10	1908	174		
	TESTED BY																										
Nam	ne: Charlie k	(ent	F	Positio	on:			F	lectricia	n				Signat				C .	aut			Da	to	1	5/03/	2021	1

SCHEDULE OF	CIRCUIT DETAILS	S AND TEST RESULTS
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Distr	ribution board designation:	01	-131-								Lo	catio	ר:			01-	131-0	0-065	(4)							
			σ		Cir condu c	cuit uctors: sa	t time S7671	Overcur	rent p device		ve	RCD	BS7671		Circuit im	pedance				nsulation esistance			sured	R	D	AFDD
Circuit number and phase	Circuit designation	, virina	Reference Method	r of served	Live	cuit uctors: sa cpc mm ²	disconnec itted by B	BS(EN)	No	D	city	Operating current, l∆n	Maximum Z _S permitted by B		inal circui ured end		(one co	rcuits Iumn to pleted)	Live - Live	- Earth	Test voltage	ity	Maximum measured earth fault loop impedance Zs	nnection	Test button operation	Test button operation
Circuit and ph		Tvpe of wiring	Referen	Number of points served	mm ²	mm ²	s Max	()	Type No	> Rating	😽 Capacity	a Oper W curre	υ Maxir perm	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	Γive	Γ. Γ. ΜΩ	< Test	 Polarity 	δ Maxin B earth impe	s time s	 Test opera 	 Test opera
8	Neutral	(D E		1.5	1.5	0.4	88-2	gG	6	80		6.24													
																										<u> </u>
TYP	A ES FOR Thermoplastic PE OF insulated/sheathed RI NG cables	B Thermoplastic cables in metallic conduit		C ermopl cables ietallic	in	t	Ca	D rmoplastic ables in Ilic trunking			E rmopl ables tallic	in		F Thermo /SWA c			G mosettin /A cables		H Minera nsulated o				0 - 0 N/			

Distribution board designation: 01-131-01-006-DB1 (Square D Loadcentre) Location:

DIST	ibation board designation.	151 0	1 00		1 (5	quai		Loudeer	intro	-)	LU	sano				01	101 0	007	(0)							
					cond	rcuit uctors: :sa	time \$7671	Overcurr	ent pr levices		/e	RCD	BS7671		Circuit imp	pedance	s (Ohms))		nsulation esistance			ured	RC	A C	FDD
Circuit number and phase	Circuit designation	Ĵ,	I ype or wiring Reference Method	Number of points served		срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	⊳ Rating	S Capacity	g Operating current, I∆n	0~	(meas	inal circuit ured end t rn	r ₂	All cir (one col be com R ₁ +R ₂	umn to	ΩM MB	ΔM Live - Earth	< Test voltage	 Polarity 	Maximum measured b earth fault loop impedance Zs	Disconnecti time	Test button operation	 rest button operation
1	Cooker - 004		B B	-	4	2.5	s 5	60898	В	40	ка 10	mA	0.87	(Line)	(Neutral)	(cpc)	0.04			>999		~	0.33	ms		
2	RFC Sockets - 004,005,003,001,002		B B	10	2.5	1.5	0.4	61009	С	32	10	30	1667	1.01	1.05	0.33	0.26			>999	500	~	0.84	19	~	
3	Boiler - 004		B B	2	2.5	1.5	0.4	60898	В	16	10		2.18				0.21			>999	500	~	0.48			
4	Lights - 012,015,011,013,014		B B	7	1.5	1.0	0.4	61009	С	6	10	30	2.91				0.23			>999	500	~	1.41	19	~	
5	Transformer - 006	-																								
6	Transformer - 006	-																								
7	Bell Transformer - 006		B B	1	1.5	1.0	0.4	60898	В	6	10		5.82				0.02			>999	500	~	0.29			
8	Spare	-																								
-		В		С				D			E			F			G		Н				0 - Ot	ther		
TYP	E OF insulated/sheathed cab	noplastic bles in ic conduit		hermor cables metallio	s in	it	С	rmoplastic ables in Ilic trunking	r		rmopl ables tallic 1	in		Thermo /SWA c			nosetting A cables	·	Minera Insulated c				N/	A		
	BOARD CHARACTERISTIC																									
	LIES WHEN THE BOARD IS NO to this distribution board is from		ECTEI 131-00-							ALLA of pł			1					Conf	firmatio	n of su	ם עומס	olari	tv:		v	
Overcu	urrent protective device		6	0947	-2 - 1	уре				ting:			63		lominal /oltage:	23	0 V	Zs:			28 Ω	al	-		0.8	_
for the	e distribution circuit: BS(EI	N):							No	of po	oles:				ating:		mA		onnectio at In:	on	- ms		isconn me at			ms
	DETAILS OF TEST INSTRU																		<u>at m.</u>				<u>ne ar</u>	<u> </u>		
^	ils of Test Instruments used (stat			asset	num																					
Multi-f	unctional:	10190)8174			I	nsula	tion resist	tance	e:				10	190817	4		Сс	ontinuity	y :		10	1908	174		
Earth	electrode resistance:	10190	08174			E	arth	fault loop	imp	edan	ce:			10	190817	/4		RC	CD:			10	1908	174		
	ESTED BY																									
Nam	e: Ross Macdonald		Posi	tion:			I	Electricia	า				Signa	ture:			Ross M	ACDONALD	>		Dat	te:	1!	5/03/	2021	
This for	m is based on the model shown i	n Append	dix 6 o	f BS 7	671	2018											Ref: 70	464						Page	52 0	of 81

This form is based on the model shown in Appendix 6 of BS 7671:2018.

01-131-01-009 (5)

Distribution board designation: 01-131-01-175-DB1 (Square D Loadcentre) Location:

Disti	ibation board designation.	01-131	-01-	175	00	1 (30		LOUGCE	intic	•)	LU	catio				01	101 01	170	(0)							
						condu	s7671	Overcuri	rent p device		ve	RCD	BS7671	(Circuit imp	pedance	s (Ohms)			sulation			measured loop * Zs	RC	D	AFDD
Circuit number and phase	Circuit designatic	n	Type of wiring	Reference Method	Number of points served	Live	s Max disconnect time s	BS(EN)	Type No	⊳ Rating	🖌 Capacity	 3 Operating ⇒ current, I∆n 	Baximum Z _S permitted by BS		nal circuit ured end t ^r n (Neutral)		All circ (one colu be comp R ₁ +R ₂	umn to	ΔW Dve - Live	δ Δ Σ Live - Earth	< Test voltage	 Polarity 	Maximum meas b earth fault loop impedance Zs	M Disconnection	 Test button operation 	 Test button operation
1	Boiler - 129		В	В	1		1.5 0.4	60898	В	16	10		2.18				0.22			>999		1	0.41			
2	Lights - 126,128,129,13	31,175	В	В	7	1.5	1.0 0.4	61009	С	6	10	30	2.91				0.64			>999	500	•	0.81	15	~	
3	Cooker - 129		В	В	2	4	2.5 5	60898	В	40	10		0.87				0.09			>999	500	•	0.27			
4	RFC Sockets - 126,127,128,129,131,1	75	В	В	10	2.5	1.5 0.4	61009	В	32	10	30	1.10	1.03	0.99	0.31	0.32			>999	500	~	0.45	13	~	
5	Transformer - 175																									
6	Transformer - 175																									
7	Bell Transformer - 175		D	В	1	1.5	Mech0.4	60898	С	6	10		2.91				0.01			>999	500	•	0.20			
8	Spare																									
TYP	E OF insulated/sheathed	cables in			cables	in	0	ables in	1	С	ables	in		F Thermop /SWA c			G mosetting 'A cables		H Minera nsulated c				0 - 0t N/			
APP	LIES WHEN THE BOARD												1					Conf	firmatio	n of sup	oply p	olarit	ty:			~
		BS(EN):		60	947-	2 - T	уре		Ra	ting:			63	Λ	ominal oltage:	23	0 V	Zs:			19 Ω	lp				21 kA
RCD		BS(EN):							No	of po	oles:			R	ating:		mA		onnections at In:	on	- ms		isconn <u>me at</u>		י ^ו	- ms
				l/or a	sset	numt	pers):																			
		-						ation resis	tanc	e:				10	190817	74		Сс	ontinuity	<i>ו</i> :		10	1908	174		
Earth e	electrode resistance:	101	908	174			Earth	fault loop	imp	edan	ice:			10	190817	74		RC	CD:			10	1908	174		
	4 RFC Sockets - 126,127,128,129,131,175 B B 10 2.5 1.5 0.4 61009 B 32 10 5 Transformer - 175																4	2			Dat	te:	1!	5/03/	202	1
This for	m is based on the model s	shown in Appe	endix	6 of	BS 70	671:2	2018.										Ref: 70-	464						Page	: 53	of 81

01-131-01-175(5)

Distribution board designation: 01-131-01-136-DB1 (Square D Loadcentre) Location:

	0					`	•												• •							
						condu	cuit uctors: : time sa : : 22671	Overcuri	ent p levice		ve	RCD	BS7671		Circuit imp	pedance	es (Ohms)			nsulation esistance			ured	RC	D	AFDD
Circuit number and phase	Circuit designation		Type of wiring	Reference Method	Number of points served	Live	sconnect ted by B	BS(EN)	Type No	⊳ Rating	🖌 Capacity	<pre>3 Operating > current, I∆n</pre>	b Maximum Z _S permitted by BS	(measu	inal circui ured end ^r n (Neutral)	r ₂	All circ (one colu be comp R ₁ +R ₂	umn to	Σ Live - Live	S Live - Earth	< Test voltage	 Polarity 	Maximum measured b earth fault loop impedance Zs	B Disconnection time	 Test button operation 	 Test button operation
1	Boiler - 140		В	В	1	2.5		60898	В	16	10	-	2.18	(LITIE)			0.16			>999			0.34			
2	Lights - 134,136,137,13	8,139,140	В	В	7	1.5	1.0 0.4	61009	С	6	10	30	2.91				0.51			>999	500	~	0.77	16	~	
3	Cooker - 140		В	В	2	4	2.5 5	60898	В	40	10		0.87				0.08			>999	500	~	0.26			
4	RFC Sockets - 134,136,137,138,139,14	10	В	В	10	2.5	1.5 0.4	61009	В	32	10	30	1.10	1.07	1.04	0.18	0.28			>999	500	~	0.59	29	~	
5	Transformer - 136																									
6	Transformer - 136																									
7	Bell Transformer - 136		D	В	1	1.5	Mech0.4	60898	С	6	10		2.91				0.01			>999	500	•	0.20			
8	Spare																									
TYP	A S FOR Thermoplastic E OF insulated/sheathed	B Thermoplastic cables in metallic conduit	t		C ermopl cables etallic	in		D ermoplastic cables in allic trunking			ables			F Thermor /SWA c			G mosetting 'A cables		H Minera nsulated c				0 - 0t N/2			
APP Supply	OARD CHARACTERI	I S NOT CON s from:		I-00-17	71-MP1	(Sqa	ure D) (SP1		NST/ No	ALLA of pł	TI C	DN	1	N	ominal		0	Conf	irmatio			olarit	y:			~
	distribution circuit:	BS(EN):		60	947-	2 - 1	уре			ting:			63	A V	oltage:		0 V	Zs: Disco	onnectio		19 Ω	lpi Di		nectior		18 kA
RCD		BS(EN):							No	of po	oles:	: 		R	ating:		mA		at In:		- ms		ne at			- ms
	ETAILS OF TEST IN ils of Test Instruments used			l/or a	sset	numt	pers):																			
Multi-f	unctional:	101	9081	74			Insula	ation resis	tanc	e:				10	190817	74		Со	ntinuity	/:		10	1908	174		
Earth	electrode resistance:	101	9081	174			Earth	fault loop	imp	edan	ce:			10	190817	74		RC	D:			10	1908	174		
	ESTED BY																									
Nam	e: Adam McGur	nigle	F	Positio	on:			Electricia	n				Signa	ture:			6	2			Dat	te:	1!	5/03/	202	1
This for	m is based on the model sh	nown in Appe	endix	6 of	BS 76	571:2	2018.										Ref: 70	464						Page	: 54	of 81

01-131-01-136 (5)

Distribution board designation: 01-131-01-009-DB1 (Square D Loadcentre) Location:

DISC	ibation board designation.	01 101	01	007	00	1 (00	1991	00	Loudee	iti e	.)	LOU	Juno				01		007	(0)							
				-		condu	cuit ictors: sa	time S7671	Overcurr	ent pr levices		ve	RCD	BS7671		Circuit imp	bedance				nsulation esistance			sured	RC	A C	FDD
Circuit number and phase	Circuit designation		Type of wiring	Reference Method	Number of points served	Live	срс	 Max disconnect time permitted by BS7671 	BS(EN)	Type No	> Rating	S Capacity	∃ Operating > current, I∆n	θ Maximum Z _S permitted by B;		inal circuit ured end t ^r n (Neutral)		All cir (one col be com R ₁ +R ₂	umn to	ΔW Live - Live	Δ M S Live - Earth	< Test voltage	 Polarity 	Maximum measured b earth fault loop impedance Zs	B Disconnection time	Test button operation	 lest button operation
1	Cooker - 012		В	В	1	6	2.5	5	60898	В	40	10		0.87				0.03			>999		~	0.37			
2	RFC Sockets - 009,011,012,013,014,015		В	В	10	2.5	1.5	0.4	61009	С	32	10	30	1667	0.98	0.95	0.58	0.33			>999	500	~	0.55	29	~	
3	Boiler - 012		В	В	2	2.5	1.5	0.4	60898	В	16	10		2.18				0.05			>999	500	~	0.39			
4	Lights - 009,011,012,013,	014,015	В	В	7	1.5	1.0	0.4	61009	С	6	10	30	2.91				0.64			>999	500	•	0.98	25	~	
5	Transformer - 009																										
6	Transformer - 009																										
7	Bell Transformer - 009		В	В	1	1.5	1.0	0.4	60898	В	6	10		5.82				0.07			>999	500	•	0.41			
8	Spare																										
TYP	E OF insulated/sheathed	cables in		(cables	in	t	С	ables in	r	C	ables	in		F Thermor /SWA c			G nosetting A cables		H Minera nsulated o				0 - 0t N/			
APF	LIES WHEN THE BOARD IS	s not con												1					Conf	irmatio	n of sur	מ עומנ	olari	tv.		v	/
Overci	urrent protective device										•	1450	0.	63	Λ	lominal 'oltage:	23	0 V	Zs:	innatio		34 Ω	Ipi	-		0.6	
RCD		BS(EN):								No	of po	oles:				ating:		mA		onnection at In:	on	· ms		isconn me at			ms
				/or a	sset	numt	pers):	:																			
·		-					-		tion resis	tance	Э:				10	190817	4		Сс	ontinuity	/:		10	1908	174		
Earth	electrode resistance:	101	9081	74			Ea	arth	fault loop	imp	edan	ce:			10	190817	/4		RC	D:			10	1908	174		
	8 Spare														ture:			Ross M	ACDONALD			Dat	te:	1!	5/03/	2021	
This fo	rm is based on the model sho	wn in Appe	ndix	6 of	BS 7	671:2	2018.										I	Ref: 70							Page	55 c	of 81

01-131-01-009 (5)

Distribution board designation: 01-131-01-020-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button (measured end to end) Maximum r earth fault impedance Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r ~ Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 018 В В С V 2.5 1.5 0.4 60898 10 1.10 >999 500 1 1 16 ------0.16 ------0.41 ---------------С V 2 Lights - 016,017,018,019,020,021 В В 2 1.5 1.0 0.4 61009 6 10 30 2.91 1.03 >999 500 V 1.28 16 ------_ _ _ _ ---------В В В 3 Cooker - 018 7 6 1.5 5 60898 40 10 --- 0.87 0.10 >999 500 V 0.35 -----------------------r В С 32 10 30 1667 0.84 0.90 0.09 0.10 4 **RFC Sockets -**В 10 2.5 1.5 0.4 61009 >999 500 V 1.45 29 ---------016,017,018,019,020,021 1.5 1.0 0.4 С 5 Bell Transformer - 020 В В 60898 6 10 2.91 0.04 >999 500 ~ 0.29 1 ---------------------------Transformer - 020 6 ---_ _ _ ------------------------_ _ _ ------_ _ _ ------_ _ _ ---Transformer - 020 7 ------------------_ _ . --_ _ . 8 Spare ------------------------_ _ . --0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 7 L3 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.25 Ω 0.90 kA 60947-2 - Type ---63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Ross Macdonald

Name:

Signature:

Ross MACDONALD

01-131-01-020 (5)

15/03/2021

Distribution board designation: 01-131-01-081-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) (Neutral) MΩ MΩ V ~ Ω r ~ Α mΑ (cpc) ms В В В V Boiler - 084 2.5 1.5 0.4 60898 10 2.18 0.19 >999 500 0.49 1 1 16 _ _ _ _ ------------------------С V 2 Lights - 079,080,081,083,084,085 В В 7 1.5 1.0 0.4 61009 6 10 30 1667 2.71 >999 500 V 3.10 16 ------_ _ _ _ ---------В B В 3 Cooker - 084 2 2.5 5 60898 40 10 0.87 0.27 >999 500 V 0.57 4 ---------------------------~ RFC Sockets 079.080.081.083.084 В 61009 В 32 >999 V 4 В 10 2.5 1.5 0.4 10 30 1667 0.94 0.92 0.21 0.21 500 0.46 9 ---------5 Transformer - 081 ---------------------------___ ---------------------------------------Transformer - 081 6 --_ _ _ ------------7 Bell Transformer - 081 D В 1.5 Mech0.4 60898 С 10 2.91 0.01 >999 500 V 0.28 1 6 ---------------------------8 Spare ---------_ _ _ ------_ _ _ ---_ _ . ---------------------------------_ _ _ ------А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 1 Supply to this distribution board is from: 01-131-00-171-MP1 (Sqaure D) (SP1) - 10 L2 No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.28 Ω 0.82 kA 60947-2 - Type ---63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Adam McGunigle Electrician 15/03/2021 Name: Position: Signature: Date:

01-131-01-081 (5)

Distribution board designation: 01-131-01-023-DB1 (Square D Loadcentre) Location:

Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r ~ Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 028 В В С V 2.5 1.5 0.4 60898 10 1.10 >999 500 1 1 16 ------0.14 ------0.46 ---------------С V 2 Lights - 023,024,025,026,027,028 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 1.13 >999 500 V 1.41 19 ------------------В В В 3 Cooker - 028 2 6 1.5 5 60898 40 10 --- 0.87 0.05 >999 500 ~ 0.34 -----------------------r **RFC Sockets** -В С 32 10 30 0.54 0.71 V 4 В 10 2.5 1.5 0.4 61009 0.71 0.06 0.10 >999 500 0.37 13 ---------023,024,026,027,028 1.5 1.0 0.4 С 5 Bell Transformer - 023 В В 60898 6 10 2.91 0.04 >999 500 V 0.36 1 ---------------------------Transformer - 023 6 ---_ _ _ ------------------------_ _ _ ------_ _ _ _ _ _ ---___ ---Transformer - 023 7 ------------------_ _ . _ _ . --8 Spare ------------------------_ _ . --0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 8 L1 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.30 Ω 0.75 kA 60947-2 - Type ---63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Ross Macdonald

Name:

Signature:

Ross MACDONALD

01-131-01-020 (5)

15/03/2021

Distribution board designation: 01-131-01-032-DB1 (Square D Loadcentre) Location:

Circuit BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD resistance devices **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r r Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 029 В В С V 2.5 1.5 0.4 60898 10 1.10 0.10 >999 500 0.37 1 1 16 ---------------------------С V 2 Lights - 029,030,031,032,033 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 1.21 >999 500 V 1.50 15 ------------------В В В 3 Cooker - 029 2 6 1.5 5 60898 40 10 --- 0.87 0.03 >999 500 V 0.31 -----------------------r **RFC Sockets** -В С 32 10 30 0.54 0.75 0.75 0.27 0.11 V 4 В 10 2.5 1.5 0.4 61009 >999 500 0.41 14 ---------029,030,031,032,033 1.5 1.0 0.4 С 5 Bell Transformer - 032 В В 60898 6 10 2.91 0.04 >999 500 V 0.31 1 ---------------------------Transformer - 032 6 ---_ _ _ ---------------------------------_ _ _ ------_ _ _ ---7 Transformer - 032 ------------------_ _ . _ _ . --8 Spare ------------------------_ _ . --0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 8 L2 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.27 Ω 0.85 kA 60947-2 - Type ---63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

 Name:
 Ross Macdonald
 Position:
 Electrician
 Signature:

 This form is based on the model shown in Appendix 6 of BS 7671:2018.
 Signature:
 Ross MACDONALD

01-131-01-032 (5)

15/03/2021

Distribution board designation: 01-131-01-038-DB1 (Square D Loadcentre) Location:

Circuit Circuit conductors: csa tig g 2 2 6 1 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) resistance devices measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation <u>s</u> g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test ive Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r ~ Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 036 В В С V 2.5 1.5 0.4 60898 10 1.10 0.38 >999 500 1 1 16 ------------0.63 ---------------С V 2 Lights - 036,037,038,039,040,041 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 1.05 >999 500 V 1.29 18 ------------------В В В 3 Cooker - 036 2 6 1.5 5 60898 40 10 --- 0.87 0.12 >999 500 V 0.40 -----------------------r В С 32 10 30 0.54 0.91 4 **RFC Sockets -**В 10 2.5 1.5 0.4 61009 0.93 0.11 0.07 >999 500 V 0.41 11 ---------036,037,038,039,040,041 С V 5 Bell Transformer - 038 В В 1.5 1.0 0.4 60898 6 10 2.91 0.07 >999 500 0.33 1 ---------------------------Transformer - 038 6 ---_ _ _ ---------------------------------_ _ _ ------------Transformer - 038 7 ---------------_ _ . ---------_ _ . ---8 Spare ---------------------------_ _ . ---0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 8 L3 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ----0.89 kA 63 A 0.26 Ω BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): --- mA RCD ---No of poles: ---Rating: time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

This form is based or	n the model shown in Appendix 6	5 of BS 7671:2018.	

Position:

Name:

Ross Macdonald

Electrician

Ross MACDONALD

Signature:

01-131-01-032 (5)

15/03/2021

Distribution board designation: 01-131-01-052-DB1 (Square D Loadcentre) Location:

	5					cuit	a E	Overcurr	ent n	rotectiv			17						lr	nsulation			7		_	
L			p			uctors: sa	st tim 3S767		levices			RCD	BS7671		Circuit imp	pedance	s (Ohms)			esistance			asure p	RC	، ر	AFDI
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	Maximum Z _S permitted by	(measu	nal circui [;] ured end [;] r _n	r ₂	All circ (one coll be comp R ₁ +R ₂	umn to	Live - Live	Live - Earth	Test voltage	Polarity	Maximum measured earth fault loop impedance Zs			Test button operation
0 æ	Boiler - 055	B	B	z <u>a</u>	2.5	^{mm²}		60898	В	а 16	ка 10		<u>Ω</u> 2.18	(Line)	(Neutral)	(cpc)	0.05		MΩ	MΩ >999	v 500	v v	Ω 0.24	ms		~
2	Lights - 050,051,052,053,054,0		B	7		1.0			C	6			2.91				0.80			>999		V	1.04		~	
3	Cooker - 055	B	B	2	4	2.5		60898	B	40	10						0.08			>999			0.27			
	RFC Sockets	B	B	10		1.5			B	32							0.26			>999			0.27		 ✓ 	
4	050,051,052,053,054,055	Б	Б	10	2.5	1.5	0.4	01009	Б	32	10	30	1.10	0.87	0.91	0.21	0.20			>999	500	•	0.38	20	•	
5	Transformer - 052																									
6	Transformer - 052																									
7	Bell Transformer - 052	В	В	1	1.5	1.0	0.4	60898	В	6	10		5.82				0.03			>999	500	r	0.25			
8	Spare																									
CODE	A B S FOR Thermoplastic Thermop	astic	Th	C ermopl	lastic		The	Dermoplastic		The	E	lastic		F			G		Н				0 - 0	ther		
TYP	E OF insulated/sheathed cables ING cables metallic ca	in		cables netallic	in	it	c	allic trunking	r		ables	in		Thermor /SWA c			nosetting A cables		Minera nsulated c				N/	A		
	OARD CHARACTERISTICS																									
	LIES WHEN THE BOARD IS NOT) - 9 L2		of pl			1					Conf	irmatio	n of sup	ply p	olari	ty:			/
	urrent protective device BS(EN):		60	947-	2 - T	уре			Rat	ting:			63	Δ	ominal oltage:	23	0 v	Zs:			21 Ω	ql	-		1.0)8 k <i>i</i>
ror the RCD	distribution circuit: BS(EN):								No	of po	oles:				ating:		mA		onnectio at In:	on	· ms		isconr me at		۱ 	- m
	DETAILS OF TEST INSTRUM																		<u>at III.</u>					<u>JIII.</u>		
	ils of Test Instruments used (state s unctional:	erial an 101908		isset	numl			ation resis	ance	<u>م</u> .				10 ⁻	190817	74		Co	ontinuity	1.		10	1908	174		
		101908						fault loop			ce:				190817				D:	y.			1908			
	ESTED BY																					. 3				
Nam			Positi	on:				Electricia	٦				Signa	ture:			6	2			Da	te:	1	5/03/	2021	1
his fo	m is based on the model shown in A	ppendi	(6 of	BS 7	671:2	2018.											Ref: 70	464						Page	: 61	of 8'

01-131-01-052 (5)

Distribution board designation: 01-131-01-068-DB1 (Square D Loadcentre) Location:

					condu	cuit uctors:	time 57671	Overcurr	ent pi levice:		ve	RCD	BS7671	(Circuit im	pedance	s (Ohms)			nsulation esistance			ured	RC	D.	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	, Rating	Capacity	Operating current, I∆n	Maximum Z _S permitted by	(measure r1	inal circui ured end	r ₂	All circ (one coll be comp R ₁ +R ₂	umn to	Live - Live	Live - Earth	CTest voltage	Polarity	Maximum measured earth fault loop impedance Zs			Test button
1	Boiler - 059	В	B	1	2.5	^{mm²}		60898	В	_А 16	ка 10	-	Ω 2.18	(Line)	(Neutral)	(cpc)	0.08		ΜΩ	MΩ >999	v 500	~ ~	Ω 0.27	ms		
2	Lights - 057,059,060,062,063	В	В	7	1.5	1.0	0.4	61009	С	6	10	30	2.91				1.03			>999	500	~	1.12	18	~	
3	Cooker - 059	В	В	2	4	2.5	5	60898	В	40	10		0.87				0.10			>999	500	r	0.27			
4	RFC Sockets 057,058,059,060,062,063	В	В	10	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.69	0.69	0.18	0.23			>999	500	~	0.57	20	~	
5	Transformer - 068																									
6	Transformer - 068																									
7	Bell Transformer - 068	В	В	1	1.5	1.0	0.4	60898	В	6	10		5.82				0.01			>999	500	V	0.17			
8	Spare																									
TYP	A B S FOR Thermoplastic Thermoplas E OF insulated/sheathed cables in R NG cables metallic conc			C ermopl cables ietallic	in	it	C	D ermoplastic cables in allic trunking	r		ables			F Thermor /SWA c			G mosetting A cables		H Minera nsulated c				o - o N/			
APP	COARD CHARACTERISTICS							OF THE I N) - 10 L3					1					Caref		e ef eur		a la ri				/
	v to this distribution board is from: urrent protective device BS(EN):	01-131				уре) - 10 L3		of pl ting:	nase	es:	63	Λ	Iominal		0 v		irmatio	n of sup	οριγ ρ I6 Ω		5		-	∙ 6 k∕
for the RCD	e distribution circuit: BS(EN):		00	/ + / -		урс				of po	oles:			V	oltage: ating:		mA		onnectio		• ms		isconr	nectior	.	- m
	DETAILS OF TEST INSTRUME ils of Test Instruments used (state ser		d/or a	isset	numl	pers):	:			<u> </u>								<u>time</u>	<u>at In:</u>			<u>tı</u>	<u>me at</u>	<u>5In:</u>		
Multi-f	unctional: 10)1908	174			Ir	nsula	ation resis	tance	e:				10	190817	74		Co	ontinuity	/:		10	1908	174		
		1908	174			E	arth	fault loop	imp	edan	ce:			10	190817	74		RC	CD:			10	1908	174		
Nam	ESTED BY e: Adam McGunigle		Positi	on:				Electricia	า				Signa	ture:			4	2			Da	te:	1	5/03/	2021	
This for	rm is based on the model shown in Ap	oendix	6 of	BS 7	671:2	2018.											Ref: 70	464		_				Page	: 62	of 8 ⁻

01-131-01-068 (5)

Distribution board designation: 01-131-01-062-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms В В В V Boiler - 059 2.5 1.5 0.4 60898 10 2.18 0.31 >999 500 1 1 16 ---------0.44 ------------------С V 2 Lights - 057,059,060,062,063 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 1.08 >999 500 V 1.27 15 ------------------В В В 3 Cooker - 059 2 4 2.5 5 60898 40 10 --- 0.87 0.11 >999 500 V 0.27 ------------------------~ **RFC Sockets** В В 32 10 30 1.10 0.92 0.88 0.06 0.22 V 4 В 10 2.5 1.5 0.4 61009 >999 500 0.68 29 ---------057,058,059,060,062,063 5 Transformer - 062 ------------------_ _ _ ------------------------------------_ _ _ ---------Transformer - 062 6 ---_ _ _ --Bell Transformer - 062 В В 60898 ~ 7 1.5 1.0 0.4 В 6 10 5.82 0.02 >999 500 0.17 ---------------------------8 Spare ---0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 9 L3 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ---63 A 0.14 Ω 1.61 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Adam McGunigle Electrician 15/03/2021 Name: Position: Signature: Date:

01-131-01-062 (5)

Distribution board designation: 01-131-01-046-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation <u>s</u> g Live be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) (Neutral) MΩ MΩ V ~ Ω r r Α mΑ (cpc) ms В В В V Boiler - 044 2.5 1.5 0.4 60898 10 2.18 >999 500 0.31 1 1 16 0.14 ---------------------------С V 2 Lights - 042,043,044,045,046 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 1.13 >999 500 V 1.29 19 ------------------В B В 3 Cooker - 044 2 4 2.5 5 60898 40 10 0.87 0.05 >999 500 V 0.23 ---------------------------V В 61009 В 32 >999 V 4 RFC Sockets 042.044.045.046 В 10 2.5 1.5 0.4 10 30 1.10 >999 0.86 0.21 0.39 500 0.65 18 ---------5 Spare ------------------------------___ ------------------------------------Spare 6 --_ _ _ ---------_ _ . ---7 Spare --_ _ _ ------_ _ . ---_ _ . _ _ . ---8 Spare ------------------_ _ . _ _ . ---А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-070-MP1 (Sqaure D) (MDP1) - 5 L2 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.19 Ω 1.19 kA 60947-2 - Type ---63 A BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Adam McGunigle Electrician 15/03/2021 Name: Position: Signature: Date:

01-131-01-046 (5)

Distribution board designation: 01-131-01-076-DB1 (Square D Loadcentre) Location:

	ibution board designation	01 101	• .	0.0		. (3.	10.0.	00	Loadoo		~	200	Jano				• •			(-)							
						condu	cuit ictors: sa	time \$7671	Overcurr	ent p levice		/e	RCD	BS7671	(Circuit imp	pedance	s (Ohms)			nsulation esistance			ured	RC	D	AFDD
Circuit number and phase	Circuit designat	ion	Type of wiring	Reference Method	Number of points served	Live	cpc	 Max disconnect time permitted by BS7671 	BS(EN)	Type No	> Rating	🗲 Capacity	<pre>3 Operating > current, I∆n</pre>	D Maximum Z _S permitted by BS		inal circui ured end ^r n (Neutral)		All circ (one colu be comp R ₁ +R ₂	umn to	ΩM M	S Live - Earth	< Test voltage	 Polarity 	Maximum measured b earth fault loop impedance Zs	Bisconnection s time	 Test button operation 	 Test button operation
1	Boiler - 073		В	В	1	2.5		0.4	60898	В	16	10	1	2.18				0.21			>999		~	0.46			
2	Lights - 071,072,073,0)74,076,077	В	В	7	1.5	1.0	0.4	61009	С	6	10	30	2.91				0.68			>999	500	•	0.93	29	•	
3	Cooker - 073		В	В	2	4	2.5	5	60898	В	40	10		0.87				0.09			>999	500	•	0.32			
4	RFC Sockets 071,073,	074,076,077	В	В	10	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.93	0.90	0.19	0.22			>999	500	•	0.55	29	•	
5	Transformer - 076																										
6	Transformer - 076																										
7	Bell Transformer - 076)	D	В	1	1.5	Mech	10.4	60898	С	6	10		2.91				0.02			>999	500	•	0.25			
8	Spare																										
L	-						1			1				1	1	1	1				1				· · · ·		
CODE	S FOR Thermoplastic	B Thermoplastic		Th	C ermop	lastic		The	D rmoplastic		The	E rmopl	astic		F			G		Н				0 - 0	ther		
TYP	E OF insulated/sheathed RING cables	cables in metallic condui			cables		t	C	ables in Ilic trunking			ables	in		Thermor /SWA c			nosetting A cables	i	Minera nsulated c				N/	A		
	BOARD CHARACTER				TO T					IOT		T I 0															
	LIES WHEN THE BOAR)F THE T - 10 L1		of ph			1					Conf	firmatio	n of sup	oply p	olari	ty:			~
	urrent protective device distribution circuit:	BS(EN):		60	947-	2 - T	уре			Ra	ting:			63	Δ	ominal oltage:	23	0 V	Zs:		0.2	23 Ω	lp	f:		0.9	98 kA
RCD		BS(EN):								No	of po	oles:				ating:		mA		onnectio	on	- ms		isconn me at		י ו	- ms
	DETAILS OF TEST I																			<u>, at m.</u>				<u>ne ur</u>	<u>onn.</u>		
·	ils of Test Instruments us unctional:	-	al and 9081		sset	numt	-		tion resis	tanc	e:				10 ⁻	190817	74		Cc	ontinuity	/:		10	1908	174		
	electrode resistance:		9081						fault loop			ce:				190817				CD:				1908			
	ESTED BY																										
Nam		unigle	F	Positi	on:			E	Electricia	n				Signa	ture:			6	2			Dat	te:	1	5/03/	202	1
This for	rm is based on the model	shown in Appe	endix	6 of	BS 7	671:2	2018.										I	Ref: 704	464		_				Page	: 65	of 81

01-131-01-076 (5)

Distribution board designation: 01-131-01-094-DB1 (Square D Loadcentre) Location:

		5					x -	- I				'									• •							
							cond	rcuit uctors: :sa	time S7671	Overcur	rent p device		ve	RCD	BS7671		Circuit im	pedance	es (Ohms)			nsulation esistance			ured	RC	D	AFDD
Circuit number and phase	с	ircuit designat	ion	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	⊳ Rating	S Capacity	<pre>3 Operating > current, I∆n</pre>	Maximum Z _S permitted by	(meas	inal circui ured end rn	r ₂	All circ (one colu be comp R ₁ +R ₂	umn to	Ω ΔM Live - Live	S Live - Earth	< Test voltage	 Polarity 	Maximum measured	Disconnection	 Test button operation 	Test button
1	Boiler - 097			B	B	1	-	1.5	-	60898	В	 16	10		0.40		(Neutral)	(cpc)	0.13			≥999		-	0.37	ms		✓
2	Lights - 094,	095,096,0	097,100	В	В	7	1.5	1.0	0.4	61009	С	6	10	30	2.91				0.52			>999	500	~	0.74	16	~	
3	Cooker - 097	7		В	В	2	4	2.5	5	60898	В	40	10		0.87				0.06			>999	500	V	0.25			
4	RFC Sockets 093,094,095		100	В	В	10	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.68	0.78	0.13	0.18			>999	500	~	0.37	29	~	
5	Transformer	- 094																										
6	Transformer	- 094																										
7	Bell Transfor	mer - 094	4	В	В	1	1.5	1.0	0.4	60898	В	6	10		5.82				0.01			>999	500	~	0.22			
8	Spare																											
CODE	S FOR Ther	A	B		ть	C ermopl	loctic		The	D ermoplastic		Tho	E	loctic		F			G		Н				0 - 0	ther		
TYP	E OF insulate	ed/sheathed cables	cables in metallic condu			cables etallic	in	it	C	ables in ables trunking			ables	in		Thermo /SWA c			mosetting /A cables		Minera nsulated c				N/	A		
APP Supply	BOARD CHA LIES WHEN T to this distrib	HE BOAR	D I S NOT CO							DF THE I) - 4 L1		ALLA of pl			1					Conf	irmatio	n of sup	oply p	olari	ty:			~
	urrent protective distribution ci		BS(EN):		60	947-	2 - 7	уре			Ra	ting:			63	~	lominal ′oltage:	23	0 V	Zs:		0.2	21 Ω	lp	f:		1.1	12 k <i>i</i>
RCD			BS(EN):								No	of po	oles:				ating:		mA		onnectionational connection at In:	on	- ms		isconn me at		۱ 	- ms
	DETAILS OF ills of Test Inst				l/or a	sset	num	bers)																				
	unctional:			11428						ation resis	stance	e:								Со	ontinuity	<i>I</i> :						
Earth	electrode resis	tance:						E	arth	fault loop	o imp	edan	ce:							RC	D:							
1	ESTED BY																											
Nam	ie: A	Adam McG	Gunigle	F	Positi	on:				Electricia	n				Signa	ture:			L	2			Dat	te:	1	5/03/	2021	1
This for	rm is based on	the mode	shown in App	endix	6 of	BS 7	671:	2018											Ref: 70	464						Page	: 66	of 8'

01-131-01-094 (5)

Distribution board designation: 01-131-01-107-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms В В В V Boiler - 105 2.5 1.5 0.4 60898 10 2.18 0.15 >999 500 1 1 16 ---0.41 ------------------------С V 2 Lights - 105,017,108,109,110 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.61 >999 500 V 0.91 19 ------------------В B В >999 500 3 Cooker - 105 2 2.5 5 60898 40 10 --- 0.87 0.08 V 0.27 4 ------------------------V RFC Skts - 105,017,109,110 В 61009 В 32 >999 V 4 В 10 2.5 1.5 0.4 10 30 1.10 1.04 1.00 0.34 0.32 500 0.47 29 ---------5 Transformer - 107 ---------------------------------___ ---------------------------------Transformer - 107 6 --_ _ _ ------_ _ . ---7 Bell Transformer - 107 В В 1.5 1.0 0.4 60898 В 10 5.82 0.01 >999 500 V 0.22 1 6 ---------------------------8 Spare ---------------------_ _ . ---------------------------------_ _ _ ------А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 ~ Supply to this distribution board is from: 01-131-00-171-MP1 (Sqaure D) (SP1) - 4 L3 No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 1.08 kA 60947-2 - Type ---63 A 0.21 Ω BS(EN): Rating: Zs: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5In DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101142850 Multi-functional: Insulation resistance: Continuity: ------Earth electrode resistance: Earth fault loop impedance: RCD: ---------TESTED BY Adam McGunigle Electrician 15/03/2021 Name: Position: Signature: Date:

01-131-01-107 (5)

Distribution board designation: 01-131-01-103-DB1 (Square D Loadcentre) Location:

						cuit uctors:	ime 1671	Overcurr	ent pi		ve	RCD	BS7671	(Circuit im	pedance	s (Ohms)			nsulation esistance			peu	RC	D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	S Capacity	g Operating ≽ current, I∆n	b Maximum Z _S permitted by BS7	(measu	nal circui ured end ^r n (Neutral)	r ₂	All circ (one colu be comp R ₁ +R ₂	umn to	ΔW DM	ΔM Live - Earth	< Test voltage	 Polarity 	Maximum measured	B Disconnection	 Test button operation 	 Test button operation
1	Boiler - 098	В	В	1	2.5	-	0.4	60898	В	16	10		2.18	(LINE)			0.06			>999		~	0.32			
2	Lights - 098.099.101,103,104	В	В	7	1.5	1.0	0.4	61009	С	6	10	30	2.91				0.68			>999	500	~	0.96	15	r	
3	Cooker - 098	В	В	2	4	2.5	5	60898	В	40	10		0.87				0.05			>999	500	r	0.26			
4	RFC Skts - 098.099.102,103,10	4 B	В	10	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.77	0.74	0.13	0.22			>999	500	~	0.47	9	~	
5	Transformer - 103																									
6	Transformer - 103																									
7	Bell Transformer - 103	В	В	1	1.5	1.0	0.4	60898	В	6	10		5.82				0.01			>999	500	r	0.25			
8	Spare																									
	·							1				1	1	1		1	· · · · ·			1		1				
TYP	A B S FOR Thermoplastic Thermo E OF insulated/sheathed cable RING cables metallic	plastic s in		C ermopl cables netallic	in	it	c	D ermoplastic cables in illic trunking	r		ables			F Thermor /SWA c			G mosetting A cables	i	H Minera nsulated c				o - o' N/			
APP	BOARD CHARACTERISTICS												1													
	/ to this distribution board is from: urrent protective device) - 4 L2		of pł	nase	es:	1	N	ominal	22	0 V		firmatio				-			
for the	e distribution circuit: BS(EN)		00	947-	Z - I	уре				ting: of po			63	V	oltage: ating:		mA	Zs: Disc	onnectio	20	24 Ω · ms	lp D	of: isconn	nectio	n	95 kA ·- ms
RCD	DETAILS OF TEST INSTRU														ating.			time	e at In:		1113	ti	<u>me at</u>	<u>5ln:</u>		
	ils of Test Instruments used (state	serial and		asset	numl	oers)	:																			
Multi-f	unctional:	101142	850			h	nsula	ation resist	tance	e:								Сс	ontinuity	/:						
	electrode resistance:					E	arth	fault loop	imp	edan	ce:							RC	CD:							
Nam	ESTED BY e: Adam McGunigle		Positi	on:				Electriciar	٦				Signa	ture:			L	2			Da	te:	1	1/05/	'202	1
This for	rm is based on the model shown in	Appendix	6 of	BS 7	671::	2018										ŀ	Ref: 70-	464						Page	: 68	of 81

01-131-01-103 (5)

Distribution board designation: 01-131-01-089-DB1 (Square D Loadcentre) Location:

DISti	ibution board designatio	n. 01 101	01	007		1 (50	quai	υD	Loudee	intic	.)	LU	catio				01	101 01	007	(0)							
						condu	cuit uctors: sa	time \$7671	Overcurr	ent pi levice:		ve	RCD	BS7671		Circuit imp	pedance	s (Ohms)			nsulation esistance			ured	RC	.D	AFDD
Circuit number and phase	Circuit designa	tion	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	Maximum Z _S permitted by BS		inal circui ured end r	5	All cire (one coll be comp R ₁ +R ₂	umn to	Live - Live	Live - Earth	Test voltage	Polarity	Maximum measured earth fault loop impedance Zs	Disconnection time	Test button operation	Test button operation
	D. II					mm ²			(A	kA	mA	Ω		(Neutral)				MΩ	MΩ	V	V	Ω	ms	~	~
1	Boiler - 091		В	В	1	2.5	1.5	0.4	60898	В	16	10		2.18				0.14			>999	500	~	0.36			
2	Lights - 086,087,088,	089,091	В	В	7	1.5	1.0	0.4	61009	С	6	10	30	2.91				0.71			>999	500	~	0.83	15	~	
3	Cooker - 091		В	В	2	4	2.5	5	60898	В	40	10		0.87				0.08			>999	500	~	0.25			
4	RFC Skts - 086,087,08	39,090,091	В	В	10	2.5	1.5	0.4	61009	В	32	10	30	1.10	1.04	1.04	0.24	0.29			>999	500	~	0.47	19	~	
5	Transformer - 089																										
6	Transformer - 089																										
7	Bell Transformer - 08	9	В	В	1	1.5	1.0	0.4	60898	В	6	10		5.82				0.01			>999	500	~	0.19			
8	Spare																										
											1	1						<u>I</u> I									
	А	В			С				D			E			F			G		Н				0 - Ot	ther		
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic condu			ermopl cables netallic	in	it	C	rmoplastic ables in Ilic trunking	r		ables			Thermor /SWA c			mosetting A cables		Minera nsulated c				N/	A		
	BOARD CHARACTE																										
	LIES WHEN THE BOAR								0F THE I N - 5 L1		ALLA of pł			1					Conf	firmatio	n of sur	ים עומנ	olarit	tv:			~
Overcu	urrent protective device	BS(EN):		60	947-	2 - T	vpe				ing:			63	Δ	ominal	23	0 v	Zs:			18 Ω	tal	5			26 kA
for the RCD	e distribution circuit:	BS(EN):					51				of po	oles:			V	oltage: ating:		mA	Disc	onnectio		- ms	Di	isconn			- ms
	DETAILS OF TEST I	NSTRUME	NTS																time	<u>at In:</u>			<u> </u>	<u>me at</u>	<u>5in:</u>		
	ills of Test Instruments u			l/or a	isset	num	oers)	:																			
Multi-f	functional:	10	11428	350			Ir	nsula	tion resis	tance	Э:								Сс	ontinuity	/:						
Earth	electrode resistance:						E	arth	fault loop	imp	edan	ce:							RC	CD:							
T	ESTED BY																										
Nam	Adam McC	Gunigle	F	Positi	on:			E	Electricia	n				Signa	ture:			6	2			Dat	ie:	1:	3/05/	2021	1
This for	rm is based on the mode	l shown in App	endix	6 of	BS 70	671:2	2018											Ref: 70	464						Page	: 69	of 81

This form is based on the model shown in Appendix 6 of BS 7671:2018.

01-131-01-089 (5)

Distribution board designation: 01-131-01-120-DB1 (Square D Loadcentre) Location:

	•					•	•																			
						condu	cuit uctors:	Overcur	rent p device		ve	RCD	BS7671	(Circuit im	pedance	s (Ohms)	1		nsulation esistance			ured	RC	D	AFDD
Circuit number and phase	Circuit designat	ion	Type of wiring	Reference Method	Number of points served	Live	Max disconnect	D.	Type No	Rating	Capacity	Operating current, I∆n	Maximum Z _S permitted by	(measure r1	inal circui ured end ^r n	to end)	All circ (one colu be comp R ₁ +R ₂	umn to	Live - Live	Live - Earth	Test voltage	Polarity	Maximum measured earth fault loop impedance Zs	Disconnection time		Test button operation
1	Boiler - 123		B	B	z <u>a</u>	^{mm²}	mm ² s		В	A 16	ка 10	_		(Line)	(Neutral)	(cpc)	0.20		ΜΩ	MΩ >999	v 500	~	Ω 0.38	ms		
2	Lights - 119,120,122,	123.124.125	B	B	7		1.0 0.		C	6			2.91				0.60			>999	_		0.74		~	
3	Cooker - 123		B	B	2	4	2.5 5		B	40)					0.07			>999			0.26			
4	RFC Skts -		B	B			1.5 0.		B						0.94					>999			0.47		~	
	119,120,121,122,123,	125			10	2.5	1.5 0.			52		, 50	1.10	0.77	0.74	0.22	0.20			2111	500		0.47			
5	Transformer - 120																									
6	Transformer - 120																									
7	Bell Transformer - 120)	В	В	1	1.5	1.0 0.	4 60898	В	6	10)	5.82				0.01			>999	500	~	0.17			
8	Spare																									
	A	В			С			D			E			F			G		Н				0 - Ot	ther		
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic condu			ermopl cables etallic	in		nermoplastic cables in tallic trunking			ables			Thermor /SWA c			mosetting 'A cables		Minera nsulated c				N/	A		
APP	OARD CHARACTE	D IS NOT CO					DRIGIN Jure D) (SF			ALLA of pl			1					Conf	irmatio	n of su	a vlao	olarit	t v :			~
Overcu	irrent protective device	BS(EN):		60	947-	2 - T	-ype			ting:			63	Δ.	Iominal	23	0 V	Zs:			16 Ω				1.4	44 kA
for the RCD	distribution circuit:	BS(EN):					51			of po	oles:	:		V	/oltage: Rating:		mA	Disco	onnectio		- ms	Di	sconn	nectior		- ms
	ETAILS OF TEST I ils of Test Instruments u			l/or a	ssot	num	oors).										_	<u>time</u>	at In:			<u>tir</u>	<u>ne at</u>	<u>5in:</u>		
	unctional:		11428		3301	IIuiii		lation resis	tanc	e:								Co	ontinuity	/:						
	electrode resistance:							n fault loop			nce:							RC	5							
Т	ESTED BY																									
Nam		Sunigle	1	Positi	on:			Electricia	n				Signa	ture:			4	2			Da	te:	1;	3/05/	202	1
This for	m is based on the mode	shown in App	endix	6 of	BS 7	671:3	2018.										Ref: 70-	464						Page	: 70	of 81

01-131-01-120 (5)

Distribution board designation: 01-131-01-115-DB1 (Square D Loadcentre) Location:

	-				-	•																			
					condu	cuit uctors: 1292 sa	Overcurr	ent p levice		ve	RCD	BS7671		Circuit im	pedance	es (Ohms)	1		nsulation esistance			ured	RC	D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	ad Max disconnect permitted by B	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	Maximum Z _S permitted by	(meas	inal circui ured end ^r n	r ₂	All cire (one coll be comp R ₁ +R ₂	umn to	Live - Live	Live - Earth	Test voltage	Polarity	Maximum measured earth fault loop impedance Zs			Test button operation
1	Boiler - 113	B		1	2.5	mm ² s	60898	В	а 16	ка 10	-	Ω 2.18	(Line)	(Neutral)	(cpc)	0.05		ΜΩ	MΩ >999	v 500	~ ~	Ω 0.32	ms		
2	Lights - 111,112,113,114,11	5,117 B	B B	7	1.5	1.0 0.4		С	6	10	30	2.91				0.50			>999	500	~	0.79	15	~	
3	Cooker - 113	B	B B	2	4	2.5 5	60898	В	40	10		0.87				0.06			>999	500	~	0.27			
4	RFC Skts - 111,112,113,114,115,116	В	B B	10	2.5	1.5 0.4	61009	В	32	10	30	1.10	0.80	0.78	0.47	0.31			>999	500	~	0.45	11	~	
5	Transformer - 115																								
6	Transformer - 115																								
7	Bell Transformer - 115	В	B B	1	1.5	1.0 0.4	60898	В	6	10		5.82				0.01			>999	500	~	0.24			
8	Spare																								
TYP	E OF insulated/sheathed c	B rmoplastic ables in allic conduit		C nermopl cables netallic	in	0	D ermoplastic cables in allic trunking	1		E rmop ables tallic	in		F Thermoj /SWA c			G mosetting 'A cables		H Minera nsulated o				0 - 01 N/			
APP Supply	BOARD CHARACTERISTI LIES WHEN THE BOARD IS N to this distribution board is from urrent protective device BS(I	OT CONNE m: ⁰¹⁻¹	31-00-1	71-MP1	1 (Sqa	DRIGIN (nure D) (SP1		No	ALLA of pl ting:			1 63		lominal	23	0 v		irmatio		oply p 18 Ω				-	✓ 98 kA
for the RCD	e distribution circuit:		00	,,,,		ype			of po	oles:			V	oltage: Rating:		mA		onnectio		- ms			nectior 5In:		- ms
	DETAILS OF TEST INSTR ils of Test Instruments used (sta			asset	numl	pers):												GUIII				<u></u>	<u></u>		
·	unctional:	101142					ation resis	tanc	e:								Со	ontinuity	/:						
Earth e	electrode resistance:					Earth	fault loop	imp	edan	ice:							RC	D:							
Nam	ESTED BY e: Adam McGunigle		Posit	ion:			Electricia	n				Signa	turo							Da	to:	1	3/05/	2021	1
	m is based on the model shown			-	671 <i>. '</i>							Jigila	urc.			Ref [.] 70	464			Da			Page		

01-131-01-115 (5)

Distribution board designation: 01-131-01-162-DB1 (Sqaure D Loadcentre) Location:

Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth t button ration Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) MΩ MΩ V ~ Ω r ~ Α mΑ (Neutral) (cpc) ms Ε Combi Boiler - 159 В V А 2.5 2.5 0.4 60898 10 2.18 0.27 >999 500 0.56 1 16 ---------------------------С V 2 Lighting - 156,157158,159,160,162 Е А 9 1.5 1.5 0.4 61009 6 10 30 2.91 0.58 >999 500 V 0.87 16 ------------------Е В 3 Cooker - 159 А 4 5 60898 40 10 --- 0.87 0.09 >999 500 V 0.38 1 4 ------------------------~ Ε С 20 10 30 0.87 0.98 0.98 0.18 0.29 V 4 RFC Sockets -А 16 2.5 2.5 0.4 61009 >999 500 0.42 15 ---------156,157158,159,160,162 Ε 5 Bell - 162 А 2.5 2.5 1 ------_ _ _ --Contactor - 162 Ε А 2.5 2.5 1 6 _ _ . ---_ _ _ --Ε 60898 С 500 V 7 Bell Control - 162 А 2.5 2.5 0.4 6 10 2.91 0.03 >999 0.32 ---------------------------8 Spare ---0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION N/A 01-131-00-171-MP1 (Sqaure D) (SP1) - 7 L1 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 60947-2 - Type ---63 A N/A v 0.29 Ω 1.02 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection N/A ms Disconnection N/A --- ms N/A N/A mA BS(EN): RCD No of poles: Rating: time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174

01-131-01-162 (5)

 TESTED BY

 Name:
 Charlie Kent
 Position:
 Electrician
 Signature:
 Creation
 Date:

 This form is based on the model shown in Appendix 6 of BS 7671:2018.
 Ref: 70464
 Ref: 70464

24/05/2021

Distribution board designation: 01-131-01-151-DB1 (Square D Loadcentre) Location:

Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r r Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 153 В В С V 2.5 1.5 0.4 60898 10 1.10 >999 500 0.37 1 1 16 ------0.14 ---------------------С V 2 Lights - 148,151,152,153,154,155 В В 2 1.5 1.0 0.4 61009 6 10 30 2.91 0.60 >999 500 V 0.86 19 ------------------В В В 3 Cooker - 153 7 6 1.5 5 60898 40 10 --- 0.87 0.08 >999 500 V 0.29 -----------------------r **RFC Sockets** -В С 32 10 30 0.54 0.94 0.92 0.17 0.23 V 4 В 10 2.5 1.5 0.4 61009 >999 500 0.50 29 ---------148,151,152,153,155 5 Transformer - 151 ------------------_ _ _ ------------------------------------_ _ _ ---------Transformer - 151 6 ---_ _ _ --Bell Transformer - 151 В В 60898 С 500 V 7 1.5 1.0 0.4 6 10 2.91 0.04 >999 0.22 ---------------------------8 Spare ---0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 6 L3 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 63 A 1.09 kA 60947-2 - Type ---0.21 Ω BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY

Electrician

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Ross Macdonald

Name:

Signature:

Ross MACDONALD

01-131-01-151 (5)

15/03/2021

Distribution board designation: 01-131-01-143-DB1 (Square D Loadcentre) Location:

Circuit Circuit conductors: csa tig g 2 2 6 1 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD resistance devices **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r r Α mΑ (Line) (Neutral) (cpc) ms В В С V Boiler - 145 2.5 1.5 0.4 60898 10 1.10 0.09 >999 500 0.35 1 1 16 ---------------------------С V 2 Lights - 141,142,143,145,146,147 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.28 >999 500 V 0.50 9 ------------------В В В 3 Cooker - 145 2 4 2.5 5 60898 40 10 --- 0.87 0.06 >999 500 ~ 0.27 ------------------------~ RFC Skts -В В 32 10 30 1.10 1.04 1.06 0.16 0.33 V 4 В 10 2.5 1.5 0.4 61009 >999 500 0.35 15 ---------141,142,143,145,146,147 1.5 1.0 0.4 7 Bell Transformer - 143 В В 60898 В 6 10 5.82 0.01 >999 500 ~ 0.24 1 ---------------------------5 Transformer - 143 ---_ _ _ ------------------------_ _ _ ------_ _ _ ------------6 Transformer - 143 ------------------_ _ . _ _ . --8 Spare ------------------------_ _ . --0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 6 L2 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.23 Ω 60947-2 - Type ---63 A 1.01 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101142850 Multi-functional: Insulation resistance: Continuity: ------Earth electrode resistance: Earth fault loop impedance: RCD: ---------

Electrician

 TESTED BY

 Name:
 Adam McGunigle

Position:

Signature:

01-131-01-143 (5)

11/05/2021

Distribution board designation: 01-131-01-170-DB1 (Square D Loadcentre) Location:

Circuit number Circuit	Disconnection Test button operation Deration Disconnection Di
Circuit designation Circuit d	utton utton ion ion
	Test button operation
1 Boiler - 167 B B 1 2.5 1.5 0.4 60898 B 16 10 2.18 0.16 >999 500 ¥ 0.45	
2 Lights - 164,165,166,167,168,170 B B 7 1.5 1.0 0.4 61009 C 6 10 30 2.91 0.75 >999 500 V 0.99	19 🖌
3 Cooker - 167 B B 2 4 2.5 5 60898 B 40 10 0.87 0.07 >999 500 ¥ 0.32	2
4 RFC Skts - 164,165,167,168,170 B B 10 2.5 1.5 0.4 61009 B 32 10 30 1.10 1.00 1.00 0.18 0.27 >999 500 ¥ 0.57	9 4
5 Transformer - 170	
6 Transformer - 170	
7 Bell Transformer - 170 B B 1 1.5 1.0 0.4 60898 B 6 10 5.82 0.01 >999 500 ¥ 0.25	
8 Spare	
	<u> </u>
A B C D E F G H O - O CODES FOR Thermoplastic Ther	ther
TYPE OF WIRING Cables in cables Cables in metallic conduit Cables in nonmetallic conduit Cables in metallic trunking Cables in nonmetallic trunking Thermoplastic (SWA cables Thermosetting (SWA cables Mineral insulated cables	Ά
BOARD CHARACTERISTICS	
APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION Supply to this distribution board is from: 01-131-00-171-MP1 (Sqaure D) (SP1) - 7 L2 No of phases: 1 Confirmation of supply polarity:	V
Overcurrent protective device BS(EN): 60947-2 - Type Rating: 63 A Nominal 230 V Ze: 0.24 Q Infe	0.95 k
for the distribution circuit:BS(EN):No of poles:Rating:Mathematical content of poles:Disconnection time at In:Disconnection time at In	[1]
DETAILS OF TEST INSTRUMENTS	
Details of Test Instruments used (state serial and/or asset numbers): Multi-functional: 101142850 Insulation resistance: Continuity:	
Earth electrode resistance: Earth fault loop impedance: RCD:	
	7/05/2021
This form is based on the model shown in Appendix 6 of BS 7671:2018.	Page: 75 of 8

01-131-01-170 (5)

Distribution board designation: 01-131-02-003-DB1 (Square D Loadcentre) Location:

Circuit ct time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω MΩ MΩ V ~ Ω r ~ Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 006 В В С V 2.5 1.5 0.4 60898 10 1.10 0.12 >999 500 1 1 16 ---------0.44 ------------------С V 2 Lights - 003,004,005,006,007 В В 1.5 1.0 0.4 61009 6 10 30 2.91 1.62 >999 500 V 1.94 19 6 ------------------В В В >999 500 3 Cooker - 006 2 6 1.5 5 60898 40 10 --- 0.87 0.16 ~ 0.38 -----------------------r RFC Sockets - 003,004,005,006 В С 32 V 4 В 6 2.5 1.5 0.4 61009 10 30 0.54 0.79 0.75 0.12 0.09 --->999 500 0.40 19 ------Bell Transformer - 003 В В С 5 1.5 1.0 0.4 60898 6 10 2.91 0.04 >999 500 V 0.28 1 ---------------------------В Transformer - 003 6 _ _ _ ------------------_ _ _ _ ---------------------------------7 Transformer - 003 ---_ _ _ - - -_ _ . Spare 8 ------------------_ _ _ ---_ _ . _ _ . --А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 ~ Supply to this distribution board is from: 01-131-00-070-MP1 (Sqaure D) (MDP1) - 10 L1 No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 0.23 Ω 60947-2 - Type ---63 A 1.01 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Ross Macdonald Electrician Ross MACDONALD 15/03/2021 Name: Position: Signature: Date:

This form is based on the model shown in Appendix 6 of BS 7671:2018.

01-131-02-003 (5)

01-131-02-012-DB1 (Square D Loadcentre) Distribution board designation: Location:

01-131-02-012 (5) Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices csa **Reference Method** measi t loop e Zs All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² S kΑ Ω MΩ MΩ V ~ Ω r ~ Α mΑ (Line) (Neutral) (cpc) ms Boiler FCU - 008 В В С V 2.5 1.5 0.4 60898 10 1.10 0.04 >999 500 1 1 16 ------------0.46 ---------------С V 2 Lights - 008,009,010,011,012,013 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.82 >999 500 V 1.20 19 ------------------В В В 3 Cooker - 008 2 6 1.5 5 60898 40 10 --- 0.87 0.11 >999 500 ~ 0.43 -----------------------r В С 32 10 30 0.54 0.74 0.77 0.13 0.06 V 4 RFC Sockets -В 10 2.5 1.5 0.4 61009 >999 500 0.53 13 ---------008,009,010,012,013 С V 5 Bell Transformer - 012 В В 1.5 1.0 0.4 60898 6 10 2.91 0.01 >999 500 0.42 1 ---------------------------Transformer - 012 6 ---_ _ _ ------------------------_ _ _ ------_ _ _ ------_ _ _ ---7 Transformer - 012 ------------------_ _ . _ _ . --8 Spare ------------------------_ _ . --0 - Other А В С D Е G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral q1Q1 TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION Q1 1 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ----0.57 kA 63 A 0.40 Ω BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers):

101908174 101908174 101908174 Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: 101908174 Earth fault loop impedance: 101908174 RCD: 101908174 TESTED BY Ross Macdonald Electrician Ross MACDONALD 15/03/2021 Name: Position: Signature: Date:

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Distribution board designation: 01-131-02-023-DB1 (Square D Loadcentre) Location:

Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 AFDD Circuit impedances (Ohms) RCD conductors: resistance devices csa measu t loop e Zs **Reference Method** All circuits number Disconnection Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Earth button Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Maximum Circuit designation g ive be completed) Capacity No Max dis permitte Polarity Rating BS(EN) Live срс Type Test k opera Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s kΑ Ω (Line) (Neutral) MΩ MΩ V ~ Ω r ~ Α mΑ (cpc) ms В В В V Boiler - 027 2.5 1.5 0.4 60898 10 2.18 0.19 >999 500 1 1 16 ---0.44 ------------------------С V 2 Lights - 021,023,025,026,027 В В 7 1.5 1.0 0.4 61009 6 10 30 2.91 0.72 >999 500 V 0.98 19 ------------------В B В 3 Cooker - 027 2 2.5 5 60898 40 10 --- 0.87 0.10 >999 500 V 0.30 4 ------------------------V RFC Sockets 019.023.025.026.027 В В 61009 В 32 >999 V 4 10 2.5 1.5 0.4 10 30 1.10 0.77 0.78 0.17 0.23 500 0.33 12 ---------5 Transformer - 023 ---------------------------------___ ---------------------------------Transformer - 023 6 --_ _ _ ------_ _ . ---7 Bell Transformer - 023 В В 1.5 1.0 0.4 60898 В 10 5.82 0.01 >999 500 V 0.23 1 6 ---------------------------8 Spare ---------------------_ _ . ---------------------------------_ _ _ ------А В С D F G н 0 - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION 1 01-131-00-171-MP1 (Sqaure D) (SP1) - 7 L3 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 60947-2 - Type ---63 A 0.22 Ω 1.04 kA BS(EN): Rating: 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection --- ms --- ms BS(EN): RCD ---No of poles: ---Rating: --- mA time at In: time at 5In DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): 101142850 Multi-functional: Insulation resistance: Continuity: ------Earth electrode resistance: Earth fault loop impedance: RCD: ---------TESTED BY Adam McGunigle Electrician 15/03/2021 Name: Position: Signature: Date:

01-131-02-023 (5)

Distribution board designation: 01-131-02-024-DB1 (Square D Loadcentre) Location:

			•= ·		. (0.	90.0.		200.000		- /	20	oatio				• •			(-)							
					condu	cuit uctors: sa	time 57671	Overcurr	ent p levice		ve	RCD	BS7671		Circuit im	pedance	s (Ohms)			nsulation esistance			measured loop e Zs	RC	D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc	 Max disconnect time permitted by BS7671 	BS(EN)	Type No	P Rating	S Capacity	 3 Operating ⇒ current, I∆n 	b Maximum Z _S permitted by B ⁹	(measure for the second	inal circui ured end ^r n (Neutral)	r ₂	All circ (one colu be comp R ₁ +R ₂	umn to	ΩM Live - Live	S Live - Earth	< Test voltage	 Polarity 	Maximum meas b earth fault loop impedance Zs	B Disconnection	 Test button operation 	 Test button operation
1	Boiler - 028	В	В	1		1.5		60898	В	16	10		2.18	(LINE)			0.26			>999		~	0.41			
2	Lights - 022,024,028,029,030	В	В	7	1.5	1.0	0.4	61009	С	6	10	30	2.91				0.70			>999	500	~	0.88	16	~	
3	Cooker - 028	В	В	2	4	2.5	5	60898	В	40	10		0.87				0.08			>999	500	~	0.26			
4	RFC Sockets - 024,028,029,030	В	В	10	2.5	1.5	0.4	61009	В	32	10	30	1.10	0.75	0.78	0.18	0.20			>999	500	~	0.51	21	~	
5	Transformer - 024																									
6	Transformer - 024																									
7	Bell Transformer - 024	В	В	1	1.5	1.0	0.4	60898	В	6	10		5.82				0.01			>999	500	~	0.20)		
8	Spare																									
TYP	A B S FOR Thermoplastic Thermoplas E OF insulated/sheathed cables in R NG cables metallic con			C ermop cables netallic		t	С	D rmoplastic ables in Ilic trunking			E rmop ables tallic	in		F Thermor /SWA c			G mosetting /A cables		H Minera nsulated c				o - o [,] N/			
APP	BOARD CHARACTERISTICS LIES WHEN THE BOARD IS NOT CO												1					0		- f		- 1				
	v to this distribution board is from: urrent protective device BS(EN):	01-131			·2 - T			- 11 L1		of pł ting:	nase	es:	63	~	ominal	23	0 v		firmatio		οριγ ρι 19 Ω		-			✔ 24 ка
for the RCD	e distribution circuit: BS(EN):		00	747		урс				of po	oles:			V	oltage: ating:		mA		onnectio		- ms	D	of: Disconn		_	- ms
	DETAILS OF TEST INSTRUM	ENTS																<u>time</u>	<u>at In:</u>			<u>ti</u>	<u>me at</u>	<u>5ln:</u>		
Details of Test Instruments used (state serial and/or asset numbers): Multi-functional: 101142850 Insulation resistance							<u>.</u> .								Co	ontinuity										
Earth electrode resistance: Earth fault loop										ce:								D:	/.							
TESTED BY																										
Nam		F	Positi	on:			E	Electricia	n				Signa	ture:			4	2			Dat	te:	1	5/03/	′202 [·]	1
This for	rm is based on the model shown in Ap	pendix	6 of	BS 7	671:2	2018											Ref: 70	464		_				Page	e: 79	of 81

01-131-02-024 (5)

CONTINUATION FOR GENERAL COMMENTS

GENERAL COMMENTS

General Comments for the Installation or Inspection of the report:

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. Cable sizes and lengths were estimated and could not be absolutely confirmed. No designated power circuit supplies for IT equipment, server comms, fire alarms and CCTV were interrupted (unless isolated at the time of test by the client. Characteristics of primary supply overcurrent device not inspected, the earthing system has not been verified and details regarding this within page 3 are via enquiry to the previous report. The maximum demand has not been calculated. No external earth loop impedance (Ze) has been measured; no full isolation of site possible. 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.

LIM1. Unable to locate circuit destination

LIM2. No access to room or area due to it being locked or forbidden

LIM3. (not used)

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

Approximate Submains Lengths

GENERAL COMMENTS

Concerning for the Installation or Inspection of the report:
General Comments for the Installation or Inspection of the report:
01-131-00-070-MP1 (Square D) (MDP1) - (Unknow Where Feed From) 01-131-00-070-DB1 (Square D LCKQ) (DB-1) - (7 Meters)
01-131-00-069-DBL1 (Square D LCKQ) (DB-EXT5) - (10 Meters)
01-131-00-066-DBP (Square D LCKQ) (DB-3) - (10 Meters)
01-131-00-052-DB1 (Square D LCKQ) (DB-66) - (20 Meters)
01-131-00-171-MP1 (Square D) (SP1) - (Unknown Where Feed From)
01-131-00-171-DB1 (Square D LCKQ) (DB-2) - (3 Meters)
01-131-00-172-DBP (Square D LCKQ) (DB-4) - (5 Meters)
01-131-00-006-DB1 (Square D Loadcentre) - (35 Meters) Flat 51
01-131-00-009-DB1 (Square D Loadcentre) - (35 Meters) Flat 52 01-131-00-020-DB1 (Square D Loadcentre) - (25 Meters) Flat 55
01-131-00-023-DB1 (Square D Loadcentre) - (25 Meters) Flat 56
01-131-00-032-DB1 (Square D Loadcentre) - (25 Meters) Flat 57
01-131-00-038-DB1 (Square D Loadcentre) - (25 Meters) Flat 58
01-131-02-003-DB1 (Square D Loadcentre) - (25 Meters) Flat 63
01-131-02-012-DB1 (Square D Loadcentre) - (25 Meters) Flat 64
01-131-00-046-DB1 (Square D Loadcentre) - (15 Meters) Flat 65 01-131-00-062-DB1 15 Metres
01-131-00-076-DB1 40 Metres
01-131-00-170-DB1 50 Metres
01-131-00-081-DB1 35 Metres
01-131-00-094-DB1 35 Metres
01-131-00-089-DB1 30 Metres
01-131-00-107-DB1 25 Metres
01-131-00-103-DB1 25 Metres 01-131-00-120-DB1 15 Metres
01-131-00-120-DB1 15 Metres
01-131-00-136-DB1 25 Metres
01-131-00-177-DB1 20 Metres
01-131-00-143-DB1 20 Metres
01-131-00-115-DB1 25 Metres
01-131-00-162-DB1 30 Metres
01-131-00-065-DB1 10 Metres 01-131-00-062-DB1 15 Metres
01-131-00-002-0B1 15 Metres
01-131-01-175-DB1 15 Metres
01-131-01-136-DB1 25 Metres
01-131-01-009-DB1 45 Metres
01-131-01-020-DB1 35 Metres
01-131-01-081-DB1 45 Metres 01-131-01-023-DB1 35 Metres
01-131-01-023-DB1 30 Metres
01-131-01-038-DB1 25 Metres
01-131-01-052-DB1 20 Metres
01-131-01-068-DB1 15 Metres
01-131-01-062-DB1 20 Metres
01-131-01-046-DB1 25 Metres
01-131-01-076-DB1 45 Metres 01-131-01-094-DB1 35 Metres
01-131-01-107-DB1 25 Metres
01-131-01-103-DB1 30 Metres
01-131-01-089-DB1 30 Metres
01-131-01-120-DB1 20 Metres
01-131-01-115-DB1 20Metres
01-131-01-162-DB1 30Metres 01-131-01-151-DB1 30Metres
01-131-01-151-DB1 30Metres 01-131-01-143-DB1 35Metres
01-131-01-170-DB1 50Metres
01-131-02-023-DB1 45Metres
01-131-02-024-DB1 45Metres

ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

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

 The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section 5). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.
 The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.

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

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

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

6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section 4.

7. For items classified in Section 7 as C1 ('Danger present'), the safety of those using the installation is at risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.

8. For items classified in Section 7 as C2 ('Potentially dangerous'), the safety of those using the installation may be at risk and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

9. Where it has been stated in Section 7 that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 6).

nature and extent of the apparent deficiency (see Section 6). 10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated in Section 6 of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.