

#### **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INST	ALLATION	
DETAILS OF THE CONTRACTOR         Registration No: 19855       Branch No*:         Trading Title: A Archer Electrical Ltd         Address: Holly Farm, Clipstone Road , Edwinstowe , Nottinghamshire	DETAILS OF THE CLIENT         Contractor Reference Number (CRN):         Name:       Study Inn         Address:       359 YardleyRoad, Yardley, Birmingham	DETAILS OF THE INSTALLATION Occupier: <u>Study Inn Loughborough</u> Address: Lemynton Street, Loughborough
Postcode: NG21 9JD Tel No: 0115 9667480	Postcode: B25 8NB Tel No: N/A	Postcode: LE11 1UH Tel No: N/A
PART 2 : DETAILS OF THE ELECTRICAL WORK COVERED BY	THIS INSTALLATION CERTIFICATE	
Date works completed: 26/02/2019.       Description and extent of the All of the store.         The installation is -       All of the store.         New:       ✓         An addition:       □         An alteration:       □         Replacement of a distribution board:       □	e installation covered by this certificate: Where ne	ecessary, continue on a separate numbered page: Page No(s) ( <u>N/A</u> )
PART 3 : NEXT INSPECTION OF THE ELECTRICAL INSTALLA	ΓΙΟΝ	
I/We, being the designer(s) of the electrical installation as documented in F	ART 4, RECOMMEND that this installation is further inspected and tested after an i	nterval of not more than: <b>5</b> years**
PART 4 : DECLARATION FOR THE ELECTRICAL INSTALLATIO	N WORK (this option may be used where the design, construction, inspection 8	testing have been the responsibility of one person)
	d testing of the electrical installation, particulars of which are described in PART ng confirmed that the safety of the existing installation is not impaired, hereby CEF S 7671: 2018, amended to <u>N/A</u> (date) except for the departure	
	11101	
Name (capitals): MARK HUDSON REVIEWED BY QUALIFIED SUPERVISOR	Signature:	Date: <u>23/08/2019</u>
Name (capitals): ROSS HARRISON	Signature: Res Herrin	Date: 23/08/2019
*Where applicable ** The proposed date for the next inspection should take into co The period should be agreed between relevant parties.	nsideration any legislative or licensing requirements and the frequency and quality of mainten	ance that the installation can reasonably be expected to receive during its intended life.

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

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PART 4 : DECLARATION FOR THE ELECTRICA	AL INSTALLATION WOR	K (to be completed where diff	erent parties are responsible	for the design, construction, inspection &	testing)
DESIGN (The extent of liability of the signatories is	limited to the work detailed i	in PART 2)			
I/We being the person(s) responsible for the design of certificate applies to an addition or alteration, having c belief in accordance with BS 7671: 2018, amended to	onfirmed that the safety of th	e existing installation is not imp	aired, hereby CERTIFY that th		sponsible is to the best of my/our knowledge and
Permitted exception applied (411.3.3):	Risk assessment attached:	Page No(s) ()	Where selec	ctivity is required, details of the verification	appended (536.4): 🔲 Page No(s) ()
DESIGNER 1	Name (capitals): I	ROSS HARRISON		Signature: Ros Meni-	Date: 23/08/2019
DESIGNER 2 (where there is divided responsibility for	<i>design)</i> Name (capitals): <u>I</u>	MARK HUDSON		Signature: MAC	Date: 23/08/2019
CONSTRUCTION (The extent of liability of the sign	natories is limited to the worl	k detailed in PART 2)			
I, being the person responsible for the construction of said work for which I have been responsible is, to the b (Regulations 120.3 and 133.5).				d reasonable skill and care when carrying (date) except for the departures	out the construction, hereby CERTIFY that the , if any, detailed on attached page(s) ()
Name (capitals): MARK HUDSON		Sign	ature: MR	Date:	23/08/2019
INSPECTION & TESTING (The extent of liability	of the signatories is limited to	o the work detailed in PART 2)			
I, being the person responsible for the inspection and CERTIFY that the said work for which I have been responses () (Regulations 120.3 and 133.5).					n carrying out the inspection and testing, hereby ept for the departures, if any, detailed on attached
Name (capitals): MARK HUDSON		Sign	ature: MAC	Date:	23/08/2019
REVIEWED BY QUALIFIED SUPERVISOR			1 11 5		
Name (capitals): ROSS HARRISON		Sign	ature: Kiss Kenne-	Date:	23/08/2019
PART 5 : COMMENTS ON THE EXISTING INS	STALLATION (in the case of	of an addition or alteration see	Regulation 644.1.2)		
The installation power supply needs upgrading to 100a	mp the current power supply	is not adequate fro the load ins	talled		
				Where necessary, continue on a s	eparate numbered page: Page No(s) ( <u>N/A</u> )
Where the electrical work to which this certificate related	tes includes the installation of	a fire alarm system and/or an e	emergency lighting system (or	a part of such systems), this electrical safe	ety certificate should be accompanied by the

particular certificate(s) for the system(s). This certificate is based on the model forms shown in Appendix 6 of BS 7671 Enter a ( Vor value in the respective fields, as appropriate. Where an item is not applicable insert N/A



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#### PART 6 : DETAILS OF THE ORGANISATION(S) RESPONSIBLE FOR THE ELECTRICAL INSTALLATION (signatures of which are in PART 4)

DESIGN, CONSTRUCTION,	DESIGN		CONSTRUCTION	INSPECTION & TESTING
<b>INSPECTION &amp; TESTING</b>	DESIGNER 1	DESIGNER 2		
Organisation: A Archer Electrical Ltd	Organisation:	Organisation:	Organisation:	Organisation:
Registration No*: <u>19855</u>	Registration No*:	Registration No*:	Registration No*:	Registration No*:
Branch No*:	Branch No*:	Branch No*:	Branch No*:	Branch No*:
Address: Clipstone Road, Edwinstowe, Nottinghamshire	Address:	Address:	Address:	Address:
Postcode: NG21 9JD	Postcode:	Postcode:	Postcode:	Postcode:
Tel No: 01159667480	Tel No:	Tel No:	Tel No:	Tel No:

#### PART 7 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements		Number and type of live conductors		Nature of supply parameters	
TN-C-S: 🗹 TN-S: 🗖	TT:	AC 1-phase, 2-wire: 🗌 2-phase, 3-wire:		Nominal line voltage, U <sup>(1)</sup> :	() V
Other (state):		3-phase, 3-wire: 🔲 3-phase, 4-wire:		Nominal line voltage to Earth, $U_0^{(1)}$ :	() ∨ <sup>(1)</sup> By enquiry, measurement, or
Supply protective device		DC 2-wire: 🔲 3-wire: 🗌 Other <i>(state):</i> (	)	Nominal frequency, <sub>f</sub> <sup>(1)</sup> :	() Hz by calculation
(BS (EN))		Confirmation of supply polarity:	( )	Prospective fault current, $l_{pf}^{(1)**}$ :	() kA
Type: () Rat	ed current: ()A	Other sources of supply: (as detailed on attached schedule) Page No:	()	External loop impedance, $Ze^{(1)^{**}}$ :	() Ω

#### PART 8: PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): ( <u>80</u> ) A	Main protective conductors	Main protective bonding connections	;	Main switch / Sw	vitch-fuse / Circuit-breaker /	RCD	
Means of Earthing	Earthing conductor:	Water installation pipes:	( 🗸 )	Туре:	(BS (EN) BS 1361 Fuse HE	3C Domestic Type 2	)
Distributor's facility: $(\checkmark)$	(material Copper csa 25 mm <sup>2</sup> )	Gas installation pipes:	(N/A)	Location:	(External services cupboar	rd	)
Installation earth electrode: (N/A)	· · · · · · · · · · · · · · · · · · ·	Structural steel:	(N/A)	No. of poles:	(2)	Rating / setting of device:	( <u>63</u> ) A
	Connection / continuity verified:	Oil installation pipes:	(N/A)	Current rating:	( <u>63</u> ) A	Voltage rating:	( <u>230</u> ) V
Where an earth electrode is used insert	Main protective bonding conductors:	Lightning protection:	(N/A)				
Type - rod(s), tape, etc: ( <u>n/a</u> )		Other <i>(state)</i> :			used as the main switch		
Location: ( <u>n/a</u> )	(material <u>Copper</u> csa <u>16</u> mm²)				al operating current, / <sub>⊿n</sub> :		( <u>n/a</u> ) mA
Electrode resistance to Earth: $(n/a) \Omega$	Connection / continuity verified:			Measured operat	ing time: ( <u>n/a</u> ) ms	Rated time delay:	( <u>n/a</u> ) ms

#### \*Where applicable

\*\*Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, lpf, and external earth fault loop impedance, Ze, must be recorded.



PART 9 : SCHEDULE OF ITEMS INSPECTED - continues on next page

#### **ELECTRICAL INSTALLATION CERTIFICATE**

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1. External condition of electrical intake equipment (visual inspection only	v)	3.3 FELV – requirements satisfied:	(N/A)	7.15 Indication of SPD(s) continued functionality confirmed:	(N/A)
	•	3.4 Reduced low voltage – requirements satisfied:		7.16 Selection of protective devices(s) and base(s);	(,,
		4. Additional protection		correct type and rating:	(~)
		4.1 The presence and effectiveness of additional protection methods	odo	7.17 Single-pole protective devices in line conductors only:	(~)
2. Parallel or switched alternative sources of supply		used, as follows:	(、)	7.18 Protection against mechanical damage where	(~)
2.1 Presence of adequate arrangements where generator to operate		a) RCDs not exceeding 30 mA operating current, as specified	( 🗸 )	cables enter equipment:	(~ )
as a switched alternative:		b) Supplementary bonding	( 🗸 )	7.19 Protection against electromagnetic effects where cables enter ferromagnetic enclosures:	(~)
a) Dedicated earthing arrangement independent of that of		5. Basic protection (# For use in controlled / supervised conditions only)		7.20 Confirmation that ALL conductor connections, including	
the hubble subbly	(N/A)	5.1 Presence and adequacy of protective measures to provide		connections to busbars, are correctly located in terminals	
2.2 Presence of adequate arrangements where generator to operate		basic protection:		and are tight and secure:	(~)
in parallel with public supply: a) Correct connection of generator in parallel (	(N/A)	a) Insulation of live parts		7.21 Presence of RCD six-monthly test notice, where required:	( 🗸 )
	. ,	b) Barriers or enclosures	(N/A)	7.22 Presence of diagrams, charts or schedules at or near	(~)
	(N/A)	c) Obstacles ‡	(N/A)	each distribution board, where required: 7.23 Presence of next inspection recommendation label:	$(\checkmark)$
c) Means to provide automatic disconnection of generator in		d) Placing out of reach ‡	(N/A)		(~ /
the event of loss of public supply or voltage or frequency deviation beyond declared values (	(N/A)	6. Basic and fault protection a) SELV	(N/A)	7.24 Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required:	(~)
d) Means to prevent connection of generator in the event of		a) SELV b) PELV	(N/A)	7.25 Presence of other required labelling:	(~)
loss of public supply or voltage or frequency		D) PELV c) Double or reinforced insulation	(N/A)	8. Circuits	
	(N/A)	-,	,	8.1 Identification of conductors:	(~)
-,	(N/A)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	( )	8.2 Cables correctly supported throughout, with protection	
2.3 Presence of alternative / additional supply warning notices at or near:		7. Distribution equipment 7.1 Adequacy of working space / accessibility:		against abrasion:	( 🗸 )
.,	(N/A)	<ul> <li>7.1 Adequacy of working space / accessibility:</li> <li>7.2 Security of fixing:</li> </ul>	$(\checkmark)$	8.3 Examination of cables for signs of mechanical damage	
b) The meter position, if remote from origin (	(N/A)	7.3 Insulation of live parts not damaged during erection:		during installation: 8.4 Examination of installation of live parts	(~)
c) The consumer unit / distribution board to which the	(N/A)	7.4 Adequacy / security of barriers:	$(\checkmark)$	8.4 Examination of installation of live parts, not damaged during erection:	(~)
	,	7.5 Suitability of enclosures for IP and fire ratings:		8.5 Non-sheathed cables protected by enclosure in conduit,	,
· · · · · · · · · · · · · · · · · · ·	(N/A)	7.6 Enclosures not damaged during installation:	$(\checkmark)$	ducting or trunking:	( 🗸 )
3. Automatic disconnection of supply		7.7 Presence and effectiveness of obstacles:	$(\checkmark)$	8.6 Suitability of containment systems (including flexible conduit):	(~)
3.1 Presence and adequacy of protective earthing / bonding arrangements	S	7.8 Presence and operation (functional) check of		8.7 Correct temperature rating of cable insulation:	(~)
as follows:		main switch(es):	(~)	8.8 Adequacy of cables for current-carrying capacity with	
a) Distributor's earthing arrangement or installation earth electrode arrangement (	$(\checkmark)$	7.9 Components are suitable according to assembly manufacture	r's	regard to the type and nature of installation:	(~)
	$(\checkmark)$	instructions or literature:	$(\checkmark)$	8.9 Adequacy of protective devices: type and fault current rating	
c) Main protective bonding conductors and connections (	(~)	7.10 Operation of circuit-breakers and RCDs to prove functionality:		for fault protection:	(~)
d) Earthing / bonding labels at all appropriate locations (	(~)	7.11 RCD(s) provided for fault protection, where specified:	(	8.10 Adequacy of AFDD(s), where specified:	(N/A)
3.2 Accessibility of:		7.12 RCD(s) provided for protection against fire, where specified: 7.13 RCD(s) provided for additional protection, where specified:	(N/A) (N/A)	8.11 Presence and adequacy of circuit protective conductors:	( 🗸 )
a) Earthing conductor connections (	(~)	7.13 RCD(s) provided for additional protection, where specified: 7.14 Confirmation overvoltage protection (SPDs) provided,	(N/A)	8.12 Coordination between conductors and overload protective	
b) All protective bonding connections (	(~)	where specified:	(N/A)	devices:	( 🗸 )
				-	

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#### PART 9 : SCHEDULE OF ITEMS INSPECTED

8.13 Wiring systems and cable installation methods / practices appropriate		<sup>8.24</sup> Adequacy of connections, including cpcs, within		10. Current-using equipment (permanently connected)	
to the type and nature of installation and external influences:	/)	accessories and at fixed and stationary equipment:	(~)	10.1 Suitability of equipment in terms of IP and fire ratings:	(N/A)
8.14 Cables concealed under floors, above ceilings,		9. Isolation and switching		10.2 Enclosure not damaged / deteriorated during installation so	
in walls / partitions, adequately protected against damage:		9.1 Isolators:		as to impair safety:	(N/A)
8.15 Cables installed in walls / partitions, installed in prescribed zones: (N	/A)	a) Presence and location of appropriate devices	(~)	10.3 Suitability for the environment and external influences:	(N/A)
8.16 Provision of additional protection by RCDs having rated residual		b) Capable of being secured in the OFF position	(~)	10.4 Security of fixing:	(N/A)
operating current (I $\Delta$ n ) not exceeding 30 mA:		c) Correct operation verified (functional check)	( 🗸 )	10.5 Cable entry holes in ceilings above luminaires, sized or sealed	(
a) For all socket-outlets with a rated current not exceeding 32 A or less, unless exempt ( ~	/)	d) The installation, circuit or part thereof that will be isolated is clearly identified by location and / or durable marking	(~)	so as to restrict the spread of fire: 10.6 Recessed luminaires (downlighters):	(N/A)
b) For supplies to mobile equipment with a current rating	/A)	e) Warning notice posted in situations where live parts	• •	a) Correct type of lamps fitted	(N/A)
not exceeding 52 A for use outdoors	/A)	cannot be isolated by the operation of a single device	(~)	b) Installed to minimise build-up of heat	(N/A)
c) For cables concealed in walls / partitions at a depth of less than 50 mm	/)	9.2 Switching off for mechanical maintenance:			
	· '	a) Presence of appropriate devices	(N/A)	10.7 Provision of undervoltage protection, where specified:	(N/A)
d) For cables concealed in walls / partitions containing metal parts regardless of depth	/)	b) Acceptable location (local or remote)	(N/A)	10.8 Provision of overload protection, where specified:	(N/A)
e) For circuits supplying luminaires within domestic	/)	c) Capable of being secured in the OFF position	(N/A)	10.9 Adequacy of working space / accessibility to equipment:	(N/A)
(nousehold) premises only	/ /	d) Correct operation verified (functional check)	(N/A)	11. Special installations or locations	
8.17 Provision of fire barriers, sealing arrangements so as	/)	e) The installation, circuit or part thereof to be disconnected		List below any special installations or locations which are part of the	
to minimise the spread of fire: (~ 8.18 Band II cables segregated / separated from Band I cables: (N/		clearly identified by location and / or durable marking	(N/A)	installation to be verified, and confirm that the additional requirements	
		9.3 Emergency switching / stopping:		given in the respective section of Part 7 are fulfilled:	
8.19 Cables segregated / separated from non-electrical services:	/ )	a) Presence of appropriate devices	(N/A)		( )
8.20 Termination of cables at enclosures:		b) Readily accessible for operation where danger might occur	(N/A)		( )
	/)	c) Correct operation verified (functional check)	(N/A)		( )
b) No basic insulation of a conductor visible outside enclosure $($ 、	/)				( )
c) Connections of live conductors adequately enclosed ( 🗸	/)	d) The installation, circuit or part thereof to be disconnected clearly identified by location and / or durable marking	(N/A)		( )
d) Adequately connected at point of entry to enclosure ( 🗸	/)	e) Firefighter's switches present, where required:	(N/A)	Details must be appended on a separate numbered page (see PART 10 below)	
8.21 Suitability of circuit accessories for external influences:	/)	9.4 Functional switching:		SCHEDULE OF ITEMS INSPECTED BY	
8.22 Circuit accessories not damaged during erection: ( 🗸		a) Presence of appropriate devices	$(\checkmark)$	Name (capitals):	
8.23 Single-pole devices for switching or protection	• 1	b) Correct operation verified (functional check)	$(\checkmark)$		
in line conductors only:	/)		~ /	Signature: Date:	

#### **PART 10 : SCHEDULES AND ADDITIONAL PAGES**

Schedule of Inspections	Schedule of Circuit Details and	Additional pages, including data	Special installations or locations	Continuation sheets
	Test Results for the installation	sheets for additional sources	(indicated in item 11 above)	
Page No(s): ( <u>4&amp;5</u> )	Page No(s): ( <u>6</u> )	Page No(s): ()	Page No(s): ()	Page No(s): ( <u>N/A</u> )
	Th	he pages identified are an essential part of this certificat	te.	
This south sets is been done the model former above in t		where the fields are seen into Whene are its act	an all a shi a sa at NI/A	

This certificate is based on the model forms shown in Appendix 6 of BS 7671 Enter a ( Published by Certsure LLP Certsure LLP Operates the NICEIC & ELECSA brands Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX © Copyright Certsure LLP (July 2018)



This certificate is not valid if the serial number has been defaced or altered **162227** 

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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT	DETAILS	S ANI	D TEST I	RESUL	TS	Circuits/equipme	ent vuln	erable	to dan	nage w	nen testi	ng:											
CODES	S For Type of wiring (A) Thermoplastic insulated sheathed cables	(B) Therr	noplastic o llic conduit		Thermopla non-metal	astic cables i lic conduit	n (D) Thermoplastic cables in metallic trunking	n (E) TI	nermoplas on-metallio	tic cables trunking	<sup>in</sup> (F) 1	hermoplastic	/ SWA cables	(G) Thermos	setting / SW	/A cables (	H) Mineral-	insulated ca	bles (O	) other - state	l			
er	Circuit description	D C C C	thod	con	Circuit ductor cs	1) et	Protectiv	ve device			RCD	iitted ed ice*		Circuit in		. ,		Insul	ation resi	istance	l earth ince, Zs	RCD operating	Test button	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served		Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆r	Maximum permitted Zs for installed protective device*	(meas	final circuits of sured end to o	end)	All ci (completed one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity Max. measured earth ອີault loop impedance, Zs	time	RCD A	FDE
			Ľ	Z (mr	re cpc n <sup>2</sup> ) (mm <sup>2</sup>				(A)	ഗ (kA)		≥ _ (Ω)	(Line) rl	(Neutral) rn	(cpc) rI	(RI+RI)	RI	(MΩ)	(MΩ)	(V)	ang ≤ Ω)	(ms)		
1/L1	RECEPTION	A		1 16	6	5	61009 RCD/RCBO	В	45	10	30							>999	>999	500	✓ 0.25	17.7		
1/L2	KITCHEN 1 NEAR	A		1 16	6	5	61009 RCD/RCBO	В	45	10	30	0						>999	>999	500	✓ 0.11	18.1		
1/L3	KITCHEN 2 FAR	А		1 16	6	5	61009 RCD/RCBO	В	45	10	30	0						>999	>999	500	✓ 0.33	22.3		
2/L1	ROOM 1 SC-3	А		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.43	14.2		
-	ROOM 2 SC-2	А		1 10	4		61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.39	13.6		
2/L3	ROOM 3 SC-4	Α		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.44	18.2		
3/L1	ROOM 4 SC-1	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.38	17.9		
3/L2	ROOM 5 SC-5	А		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.59	18.4		
3/L3	ROOM 6/9	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.49	2		
4/L1	ROOM 7 SC-6	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.40	18.1		
1/L2	R00M 8/10						61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	🗸 0.37	19.2		
1/L3	R00M 9/11	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.25	19.4		
5/L1	R00M 10/7 A			1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	🗸 0.27	18.0		
5/L2	R00M 11/12	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.36	14.4		
5/L3	R00M 12/8	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.55	18.6		
6/L1	R00M 13/13	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	🗸 0.35	13.8		
6/L2	R00M 14/5	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.46	14.2		
6/L3	R00M 15/14	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	🗸 0.40	18.4		
7/L1	ROOM 16/6	A		1 10	4		61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.36	18.4		_
7/L2	R00M 17/15	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	✓ 0.34	18.6		
7/L3	R00M 18/4	A		1 10	4	5	61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	🗸 0.19	19.4		
רצום	TRIBUTION BOARD (DB) DET		B desig	gnation: D	B1		]	<b><i>TESTE</i></b>	D BY	Nar	me (cap	itals): M	ARK HU	DSON				Posit	ion: Ele	ctrician				
	be completed in every case)		ocation	of DB: Le	evel G					Sigi	nature:	MAS	C					Date:	23/08/	2019				
TO E	BE COMPLETED ONLY IF THE	DB IS N	OT CO	ONNECT	ED DI	RECTL	Y TO THE ORIGIN	I OF T	HE IN	STAL	LATIO	)N					T INST					n)		
Supp	ly to DB is from: ( <u>Basement</u>						) No	minal v	oltage:	(400	)v	No.	of phase	s: ( <u>3</u>	)		ti-functio		agains		istrument u Continuity:	sea)		
Overa	current protection device for the dis	ribution c	ircuit	Type: (BS	EN <u>609</u>	947-2		) I	Rating:	( <u>100</u>	)A					(    Insu	lation re	sistanc	e:	) (	Earth fault l	oon imped	ance:	)
Asso	ciated RCD (if any) Type: (BS EN					)	No. of poles: (	)	⊠∆n	(	) m	A Oper	ating tim	e: (	) ms	(				) (				)
Chara	acteristics at this DB Confirmation	of supply	polarit	ty: (	.) Pha	ise sequ	ence confirmed (whe	ere appi	opriat	e): 🔼		s ( <u>0.10</u>	)Ω [	77 ( <u>2.23</u>	) kA		h electro			: ) (	RCD:			)
Publish	rtificate is based on the model forms show ed by Certsure LLP Certsure LI	P operates	the NIC	CEIC & ELEC		•	r value in the respective © Copyright Certsur							taken from E								 Page	e6 of 1	106



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#### **CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE**

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SCH	EDULE OF CIRCUIT DETAILS AN	ID TES	T RES	SULTS				Circuits/equipme	ent vuln	erabl	e to da	mage w	hen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therm	ioplastic ca ic conduit	ables in (	C) The nor	ermoplasti n-metallic	c cables in conduit	(D) Thermoplastic cables i metallic trunking	in (E) Ti	iermopl on-meta	astic cable: llic trunking	<sup>s in</sup> (F)	Thermoplastic	/ SWA cable	s (G) Thermos	setting / SV	VA cables (	H) Mineral-i	insulated cab	oles (O	) other - state	3				
e	Circuit description	DE C	thod	served	Circ	cuit tor csa	ction (1)	Protecti	ve device			RCD			Circuit ir	•	· · /		Insula	ation resi	istance		l earth nce, Zs	RCD operating	Te: butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnectior time (BS 7671)	BS (EN)	Type	Rating	Short-circuit	Operating current, IAn	Maximum permitted Zs for installed protective device*		final circuits sured end to (Neutral)	end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured e	time	RCD	AFDI
				z l	.ive nm²)	cpc (mm <sup>2</sup> )	_ (s)			(A				(Line) r0	(Neutral) rn	(cpc) r∄	(R[+R])	RI	(MΩ)	(MΩ)	(V)		(Ω)	(ms)		
	ROOM 19/16	А		1 10	1 4	4 5		61009 RCD/RCBO	В	40	10	30	0							>999	500	$\checkmark$	0.21	17.9		
	R00M 20/3	А		1 10	1 4	4 5		61009 RCD/RCBO	В	40	10	30	0						>999	>999	500		0.33	18.9		
8/L3	R00M 21/1	А		1 10	1	45		61009 RCD/RCBO	В	40	10	30	0							>999	500		0.18	17.9		
9/L2	R00M 23/2	А		1 10		45		61009 RCD/RCBO	В	40	10	30	0							>999	500	$\checkmark$	0.29	18.2		
9/L3	R00M 24 SH-5	Α		1 10		4 5		61009 RCD/RCBO	В	40	10	30	0						>999	>999	500		0.16	13.6		
9/L1	R00M 22 SH-6	Α		1 10		4 5		61009 RCD/RCBO	В	40	10	30	0							>999	500	_	0.20	18.0		
0/L1 ROOM 25 SH-1 A 1 10 4 5 61009 RCD/RCBO B 40 10 30 0																			>999	500	•	0.21	18.2			
10/L2		А				45		61009 RCD/RCBO	В		10		0							>999	500		0.16	13.7		
10/L3	R00M 27 SH-2	А		1 10		45		61009 RCD/RCBO	В	40	10	30	0						>999	>999	500	$\checkmark$	0.27	14.0		
11/L1	R00M 28 SH-4	А		1 10	1 4	4 5		61009 RCD/RCBO	В	40	10	30	0											18.4		
11/L2	CLEANERS	А		2.	5 1	1.5 0	.4	61009 RCD/RCBO	В	20	10	30	0						>999	>999	500	$\checkmark$	1.11	17.9		
11/L3	CORRIDOR LIGHTS NEAR	А		15 1.	5 1	1.0 0	.4	61009 RCD/RCBO	В	10	10	30	0							>999	500	$\checkmark$	1.86	18.0		
12/L1	DRRIDOR LIGHTS FAR A 25 1.5 1				1.0 0	.4	61009 RCD/RCBO	В	10	10	30	0							>999	500		2.10	14.0			
12/L2	END CORRIDOR STAIR LIGHTS	А		81.	5 1	1.0 0	.4	61009 RCD/RCBO	В	10	10	30	0						>999	>999	500		0.90	14.1		
12/L3	NEAR STAIRCASE LIGHTS	А		10 1.	5 1	1.0 0	.4	61009 RCD/RCBO	В	10	10	30	0						>999	>999	500	$\checkmark$	2.50	18.7		
13/L1	CORRIDOR EM	А		15 1.	5 1	1.0 0	.4	61009 RCD/RCBO	В	10	10	30	0						>999	>999	500	$\checkmark$		18.5		
13/L2	OUTSIDE LIGHTS 1	А		1.5	5 1	1.0 0	.4	61009 RCD/RCBO	В	10	10	30	0						>999	>999	500	$\checkmark$		18.4		
13/L3	OUTSIDE LIGHTS 2	А		1.	5 1	1.0 0	.4	61009 RCD/RCBO	В	10	10	30	0						>999	>999	500					
14/L1	SPARE																									
14/L2	FIRE SHUTTER	А		1				60898 MCB	В	16	6	N/A	0						>999	>999	500	$\checkmark$	0.58			
14/L3	DOOR ACCESS	С				C	.4	60947-2 MCB	С	10	10	N/A	0						>999	>999	500	$\checkmark$	0.21			
DIS	<b>FRIBUTION BOARD (DB) DETAI</b>	IS DE	3 desig	nation:	DB1				TESTE	D B'	Na	me (ca	oitals): <u>N</u>	IARK HU	DSON				Positi	on: <u>Ele</u>	ctrician					
	e completed in every case)		cation	of DB:	eve	I G					Sig	nature	MA	Ľ					Date:	23/08/	2019					
TO E	BE COMPLETED ONLY IF THE DE	B IS N	OT CO	ONNEC	TED	) DIR	ECTL	Y TO THE ORIGIN	I OF T	IE I	NSTA	LLATI	ON						RUME		t oo oh ii	notruu	montu			
Supp	ly to DB is from: ( <u>Basement</u>							) No	minal v	oltag	e: ( <u>400</u>	)v	No.	of phase	es: ( <u>3</u>	)		ti-functio	number on:	ayanıs			inuity:	seu)		
Over	current protection device for the distrib	ution ci	rcuit	Type: (B	S EN	N <u>6094</u>	7-2		) I	Ratin	g: ( <u>100</u>	)A					(	lation ro	sistance		) (	Earth	foult l	oop imped	2000	)
Asso	ciated RCD (if any) Type: (BS EN						)	No. of poles: (	)		, (	) n	nA Oper	ating tim	ie: (	) ms	(				) (	(				)
	acteristics at this DB Confirmation of												<sub>7s</sub> ( <u>0.10</u>	)Ω	<sub>翌(</sub> 2.23	) kA			ode resis			RCD: (				)
	tificate is based on the model forms shown in														pr taken from l										٦.	
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#### **CONTINUATION SHEET:** ELECTRICAL INSTALLATION CERTIFICATE

SCH	EDULE OF CIRCUIT DETAILS AND	JIES	I KE	SULI	5			Circuits/equip	ment vu	ulner	rable t	o dam	age w	hen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (A) sheathed cables	B) Thermo metallio	oplastic c ic conduit	ables in	(C) Th	hermoplastic on-metallic c	cables in conduit	(D) Thermoplastic cabl metallic trunking	oles in (E)	) Ther	ermoplastic i-metallic t	c cables ir trunking	n (F)	l fhermoplastic	/ SWA cables	(G) Therm	nosetting / S\	VA cables (	H) Mineral-i	insulated ca	ables (O	)) other - state	e				
ē	Circuit description	DC (i)	thod	served		cuit ctor csa	ction 1)	Prote	ective dev	vice			RCD				impedan	. ,		Insul	lation resi	istance		l earth ince, Zs	RCD operating	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)		Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	inal circuit	o end)	(complet	rcuits e at least olumn)	Live / Live	Live / Earth		Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs	time	RCD	
			μ Έ	Num	Live (mm <sup>2</sup> )	cpc (mm²)	≥ (s)	_			(A)	方 (kA)	(mA)		(Line) rll	(Neutral) rn	(cpc) rl	(R0+R0)	RI	(MΩ)	(MΩ)	(V)		Qault	(ms)	RCD	AFUL
15/L1	RHS SPUR	A		1				0898 MCB	В	1	16	6	N/A	0	10		10		110	>999	>999	500	~	0.14	(115)		
15/L2	LHS SPUR HEAT	А		1	2.5	1.0 0.	.4 6	0898 MCB	В	1	16	6	N/A	0						>999	>999	500		0.15			
15/L3	CT METER	А		1	1.5	N/A 0.	.4 6	0947-2 MCB	С	6	6	10	N/A	0						>999	>999	500	$\checkmark$	0.18			
16/L1	CT METER	А		1		N/A 0.	.4 6	0947-2 MCB	C	6	6	10	N/A	0						>999	>999	500		0.18		$\checkmark$	
16/L2	CT METER	А		1	1.5	N/A 0.	.4 6	0947-2 MCB	С	6	6	10	N/A	0						>999	>999	500	$\checkmark$	0.18			
16/L3																											
(to l	TRIBUTION BOARD (DB) DETAILS be completed in every case) 3E COMPLETED ONLY IF THE DB	Loc	cation	gnation of DB:	Leve	el G						Sign	ature:	MA		DSON		TFS	TINST	Date	: 23/08/						
															- <b>f</b> - <b>h</b>	/0	,	ente (ente	r serial	numbei	r agains	st each iı			ed)		
								) ۱	Nominal				)V	INO.	of phase	5. (3	)	Mult (	ti-functio	on:		) (	Conti (	inuity:			١
	current protection device for the distribu									_) Ra	ating:	(100	)A					Insu	lation re	sistanc	;e:		Earth	ı fault lc	oop imped	ance:	/
Asso	ciated RCD (if any) Type: (BS EN						)	No. of poles: (		)	/∄Ln	(		•	ating tim	·	) ms		h electro	ode resi	istance	) ( :	( RCD:				)
Char	acteristics at this DB Confirmation of s	upply p	polarit	y: (	)	Phase	seque	nce confirmed (w	vhere ap	opro	priate	): Fals			)Ω			(				) (	(				)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP op							alue in the respecti © Copyright Cert					*	Where fig	ure is not t	taken fron	n BS 7671	, state sou	irce:						 Page 8	of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULI	E OF CIRCUIT DI	ETAILS	S ANI	D TES	T RE	SULTS	Circuits/equipn	nent vuln	erable	e to da	ımage	e whe	en testing	j:											
CODES	S For Type of wiring (A	) Thermoplastic insulated / sheathed cables	(B) Therm	noplastic c lic conduit		(C) Th	ermoplastic cables n-metallic conduit	in (D) Thermoplastic cable metallic trunking	es in (E) T		stic cable ic trunkin		(F) Ther	rmoplastic / S	WA cables	(G) Thermo	osetting / SW	/A cables (	H) Mineral-i	insulated ca	bles (O	) other - state	3			
Circuit number	Circuit d	description	[ype of wiring (see Codes)	Reference Method (BS 7671)	ser	Cire			ctive device	-	ircuit		current, IAn D Maximum permitted	r installed tive device*		Circuit i inal circuits ured end to		es (Ω) All cir (complete one co	e at least	Insul	ation resi	istance Test	Polarity Max. measured earth Bault loop impedance, Zs	RCD operating time		est ttons
Circ			Typ (se	Refere (B	Number of points	Live (mm²)	cpc (mm <sup>2</sup> ) (s)	BS (EN)	Type	(E) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A	Rhort-circuit		mA)		(Line) rl	(Neutral) rn	(cpc) rl	(R[+R])	RI	Live Live (MΩ)	Earth (MΩ)	voltage DC (V)		(ms)	RCD	AFD
1/L1	NEAR KITCHEN		А		1 1	6	65	61009 RCD/RCBO	В	45	10	30	0.	.78						>999	>999	500	🗸 0.13	22.5	$\checkmark$	
1/L2	FAR KITCHEN		А			6	65	61009 RCD/RCBO	В	45	10	30		.78						>999	>999	500	✓ 0.24	17.9	$\checkmark$	
	ROOM 1 PR-4		А		1 1	0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.58	18.6	$\checkmark$	
	ROOM 2 PR-3		А			0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.63	18.2	$\checkmark$	
2/L2	R00M 3 PR-5		A			0	45	61009 RCD/RCBO	В	40	10	30	-	.88						>999	>999	500	✓ 0.50	14.2	$\checkmark$	
	ROOM 4 PR-2		Α			0	45	61009 RCD/RCBO	В	40	10	30	-	.88						>999	>999	500	✓ 0.53	18.2	$\checkmark$	
3/L1	ROOM 5 PR-6		А			0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.54	18.2	$\checkmark$	
	ROOM 6 PR-1		А			0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.39	18.6	$\checkmark$	
3/L3	ROOM 7 PR-7		А		· ·	0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.55	18.4	$\checkmark$	
	ROOM 8 28		45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.50	14.2	$\checkmark$					
-	ROOM 9 29						45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.52	18.0	$\checkmark$	
4/L3	ROOM 10 27		А			-	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.36	19.2	$\checkmark$	
	R00M 11 30	DOM 11 30 A 1 10 4			45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.51	18.2	$\checkmark$			
	ROOM 12 26		А			0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.56	13.8	$\checkmark$	
	ROOM 13 31		А		· ·	0	45	61009 RCD/RCBO	В	40	10	30	-	.88						>999	>999	500	✓ 0.48	18.6	$\checkmark$	
	ROOM 14 25		А			0	45	61009 RCD/RCBO	В	40	10	30	-	.88						>999	>999	500	✓ 0.50	18.2	$\checkmark$	
	ROOM 15 32		А			0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.43	18.4	$\checkmark$	
	ROOM 16 24		А			0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.47	18.4	$\checkmark$	
	ROOM 17 33		А		· ·	0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.46	18.2	$\checkmark$	
7/L2	ROOM 18 23		А			0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.29	18.3	$\checkmark$	
7/L3	ROOM 1934		А		1 1	0	45	61009 RCD/RCBO	В	40	10	30		.88						>999	>999	500	✓ 0.46	18.4	$\checkmark$	
DIST	<b>FRIBUTION BOA</b>	RD (DB) DETAI	L <b>S</b> de	3 desig	nation:	: <u>DB2</u>			TESTE	DBY	Na	ame (r	capita	als): <u>MA</u>	RK HUD	DSON				Posit	ion: <u>Ele</u>	ctrician				
(to b	e completed in	every case)	Lo	cation	of DB:	Leve	l 1 Riser				Si	gnatu	ire:	MAR	2					Date:	23/08/	2019				
TO E	BE COMPLETED	ONLY IF THE DE	3 IS NO	OT CO	ONNE	CTEI	D DIRECTI	Y TO THE ORIGI	IN OF T	HE IN	ISTA	LLA	TION	N					T INST							
Supp	ly to DB is from: ( <u>BA</u>	SEMENT						) N	lominal v	oltage	: (400	1	)V	No. of	phase	s: ( <u>3</u>	)		<b>r serial</b> i-functio		agains		nstrument Continuity:			
Over	current protection d	evice for the distrib									ı: ( <u>100</u>		)A					(	lation	oioto -		) (	Earth fault	loon imn -	lance	)
Asso	ciated RCD (if any)	Type: (BS EN					)	) No. of poles: (	)	/ <b>]</b> ]\r	, (		)mA	Operat	ing time	e: (	) ms	(	lation re			) (		loop impeo		
								uence confirmed (wl		_			Zs	(0.12	)Ω <sub>/2</sub>	<sub>Z</sub> ( <u>1.88</u>	) kA		h electro			) (	RCD:			
Publish	rtificate is based on the ed by Certsure LLP	e model forms shown in Certsure LLP o	operates	the NIC	EIC & EI		• •	or value in the respectiv © Copyright Certs							~		BS 7671,							 Pag	e9 of	106



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#### **CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE**

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SCH	SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS           CODES For Type of wiring         (A) Thermoplastic insulated / sheathed cables         (B) Thermoplastic cables in non-metallic conduit								nent vu	ner	able to	o dam	age wl	hen testii	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (E) sheathed cables	(D) Thermoplastic cable metallic trunking	<sup>es in</sup> (E)	Ther non-	moplastic metallic ti	cables ir runking	י <b>(F)</b> ד	hermoplastic	/ SWA cables	(G) Therm	nosetting / SV	VA cables (	H) Mineral-i	nsulated ca	bles (O	) other - state	9										
ber	Circuit description	BL (i	thod	served	Ciri conduc	cuit ctor csa	ction 71)	Prote	ctive devi	се		-	RCD				impedanc	( )		Insul	ation res	istance		l earth ance, Zs	RCD operating	Te butt	est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	ŀ	Iype	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	inal circuits ured end to	o end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, <sup>z</sup>	time	RCD	AFDD
			Ľ	Nur	Live (mm²)	cpc (mm²)	2 (s)				(A)	ഗ (kA)	(mA)	≥ – (Ω)	(Line) r□	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ωjan Ω	(ms)		/ 55
8/L1	ROOM 20 22 DIABLED	А			0	4 E	56	1009 RCD/RCBO	В		-	10	30	0.88													
8/L2	R00M 21 17	А			10	4 E		1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	· ·	0.34	13.8	$\checkmark$	
8/L3	ROOM 22 21	А		-	10 10	4 8		1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	· ·	0.41	18.2	$\checkmark$	
9/L1	R00M 23 18	4 E	, v	1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	<u> </u>	0.23	13.6	$\checkmark$					
9/L2	R00M 24 20	4 E		1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	•	0.28	14.4	$\checkmark$	L				
9/L3	ROOM 25 19		10	4 E		1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	•	0.34	17.2	$\checkmark$			
10/L1	ROOM 26 JS6	0	4		1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	· ·	0.37	14.2	$\checkmark$	L			
10/L2	R00M 27 JS1	А			0	4 E		1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	· ·	0.33	18.4	$\checkmark$	
10/L3	ROOM 28 JS5	А		-	0	4 E	-	1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	· ·	0.10	20.0	$\checkmark$	
11/L1	ROOM 29 JS2	A			10	4 E		1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	•	0.34	19.9	$\checkmark$	
11/L2	ROOM 30 JS4	А			10	4 8		1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	•	0.50	9.9	$\checkmark$	
11/L3	ROOM 31 JS3	A			10	4 E		1009 RCD/RCBO	В		-	10	30	0.88						>999	>999	500	· ·	0.26	20.0	$\checkmark$	
12/L1	CLEANERS SOCKETS	А		-	2.5			1009 RCD/RCBO	В		-	10	30	1.75						>999	>999	500	$\checkmark$	1.34	18.4	$\checkmark$	
12/L2	CORRIDOR LIGHTS 1	A		19 1	1.5			1009 RCD/RCBO	В		-	10		3.5						>999	>999	500	$\checkmark$	1.74	17.9	$\checkmark$	
12/L3	NEAR STAIRCASE LIGHT	А		21	1.5			1009 RCD/RCBO	В		-	10	30	3.5						>999	>999	500	•	0.51	13.9	$\checkmark$	
13/L1	CORRIDOR LIGHTS 2	А		-	1.5	-		1009 RCD/RCBO	В		-	10	30	3.5						>999	>999	500	•	2.45	18.3	$\checkmark$	
13/L2	CORRIDOR LIGHTS	А			1.5			1009 RCD/RCBO	В		-	10	30	3.5						>999	>999	500	$\checkmark$	2.52	16.1	$\checkmark$	
13/L3	FAR STAIRCASE LIGHT	А			1.5			1009 RCD/RCBO	В			10	30	3.5						>999	>999	500	$\checkmark$	1.98	14.3	$\checkmark$	
14/L1	DOOR ACCESS RH	А			2.5			0898 MCB	В		-	10		2.2						>999	>999	500	· ·	0.13	N/A		
14/L2	RH SPUR RISER	А			2.5			0898 MCB	В		-	10		2.2						>999	>999	500	$\checkmark$	0.14	N/A		
14/L3	LU SPUR RISER	А		1 2	2.5	1.5 0	).4 6	0898 MCB	В			10		2.2						>999	>999	500	$\checkmark$	0.14	N/A		
DIS	TRIBUTION BOARD (DB) DETAILS	S DE	3 desig	Ination	: <u>DB2</u>				TEST	ED	BY	Nam	ne (cap	itals): <u>M</u>	ARK HUI	DSON				Posit	ion: <u>Ele</u>	ctrician					
	be completed in every case)		cation	of DB:	Leve	el 1 Rise						Sign	ature:	MA	C					Date:	23/08/	2019					
<b>T0</b>	BE COMPLETED ONLY IF THE DB	IS NO	OT CO	)NNE	CTE	D DIR	ECTLY	TO THE ORIG	IN OF	TH	E INS	TAL	LATIC	)N					T INST								
Suni	ly to DB is from: (BASEMENT							) N	Jominal	volt	tane. I	400	)V	No	of phase	s. (3	)		<b>r serial</b> i-functio		agains	t each ii		nuity:	sea)		
I	current protection device for the distribu												», A(		or pridoe	3. 10		(	.1-1011000			) (	Conti	nunty.			)
																			lation re	sistanc	e:	\ <i>\</i>	Earth	fault lo	oop imped	ance:	,
1	ciated RCD (if any) Type: (BS EN													A Operation				Earth	h electro				RCD:				
Unar	acteristics at this DB Confirmation of s	uppiy	μοιατίτ	y. (	)	rnas	e seque	nce commined (W	пеге ар	hio	priate)	. rais			,			· ·····									)
Publish	rtificate is based on the model forms shown in <i>i</i> led by Certsure LLP Certsure LLP op of House, Househten Hall Park, Househten Pagis	erates	the NIC	EIC & E				value in the respecti © Copyright Certs				riate.	*	Where figu	ure is not f	aken from	n BS 7671	, state sou	irce:						 Page 10	D of	106



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#### **CONTINUATION SHEET:** ELECTRICAL INSTALLATION CERTIFICATE

SCH	EDULE OF CIRCUIT DETAILS AN	D TES	ST RE	SULT	S			Circuits/equip	ment vu	Ine	rable t	to dam	age w	hen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thern meta	moplastic c Ilic conduit	cables in t	(C) Th	ermoplastic ca n-metallic con	ables in duit	(D) Thermoplastic cable metallic trunking	<sup>les in</sup> (E)	The non	ermoplasti n-metallic 1	c cables iı trunking	<sup>n</sup> (F) <sup>·</sup>	l fhermoplastic	: / SWA cables	s (G) Therr	nosetting / SV	VA cables (	H) Mineral-i	insulated ca	ibles (O)	) other - state	e				
Der	Circuit description	bu (s	thod	served	Circ conduc		71)	Protec	ctive devi	ice			RCD				impedan	. ,		Insul	lation resi	stance		d earth ance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served		ax. disconne	time (BS 7671)	BS (EN)	,	Type	Rating	Short-circuit capacity	Operating current, IΔn	Maximum permitted Zs for installed protective device*		final circuit sured end t		All ci (complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Dfault loop impedance, Zs	ume	RCD	
			ш	Num	Live (mm²)	cpc ≥	s)	-			(A)	් (kA)	(mA)	Ξ <u>Ω</u>	(Line) rl	(Neutral) rn	(cpc) rl	(R0+R0)	RI	(MΩ)	(MΩ)	(V)		Qault	(ms)	RCD	AFUL
15/L1	SPARE		1		(11111)		3/				(~)		(11/5)	(52)	10		10	(1.0.1.0)	1.0	(10152)	(11152)	(v)	<u> </u>	(12)	(1113)		_
	SPARE																										
15/L3	CT METER	А		1		N/A 0.4 N/A 0.4		0898 MCB	В	F	6	6	N/A	5.87						>999	>999	500	$\checkmark$	0.15			
	CT METER (3 PHASE)	0947-2 MCB	C	F	6	10	N/A	2.91						>999	>999	500	$\checkmark$	0.74									
	CT METER	0947-2 MCB	С	F		10	N/A	2.91									$\checkmark$										
16/L3	CT METER	60	0947-2 MCB	С	f	6	10	N/A	2.91																		
(to t	TRIBUTION BOARD (DB) DETAIL be completed in every case)	Lo		n of DB	3: Leve	l 1 Riser						Sign	ature:	MA		DSON			TINST	Date	tion: <u>Ele</u> t : <u>23/08/</u> ;						
	BE COMPLETED ONLY IF THE DE	IS N	OT CO	ONNE	ECTEI	D DIREC	TLY								<i>.</i> .	10	,	ente (ente	r serial	number	r agains	t each ir			ed)		
Supp	ly to DB is from: (BASEMENT							) N	Vominal	vol	ltage:	(400	)V	No.	of phase	es: ( <u>3</u>	)	Mult	i-functio	on:		1 4	Conti	inuity:			`
Over	current protection device for the distrib	ution c	ircuit	Type:	(BS EI	N <u>60947-2</u>	2			) Ra	ating:	(100	)A					Insu	ation re	sistanc	e:	) (	Earth	n fault Ic	oop imped	ance:	)
Asso	ciated RCD (if any) Type: (BS EN						)	No. of poles: (		)	<u>/</u> ∄_n	(	) m	A Oper	ating tim	ie: ( <u></u>	) ms			ndo roci	istance:	) (	( RCD:				)
Char	acteristics at this DB Confirmation of	supply	polarit	ty: (	)	Phase s	equer	nce confirmed (w	/here ap	pro	opriate	): Fals	se z	s ( <u>0.12</u>	)Ω <u>/</u>	77 ( <u>1.88</u>	) kA					) (	(				)
This ce	rtificate is based on the model forms shown ir	Appen	dix 6 of	BS 767	1	Enter a (	✔or v	alue in the respectiv	ive fields,	, as	approp	riate.	*	Where fig	ure is not	taken fron	n BS 7671	, state sou	rce:							] ,	
	ed by Certsure LLP Certsure LLP o	perates	the NIC	CEIC &	ELECSA		-	© Copyright Certs																	Page 11	of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAR	T 11 : SCHEDULE OF CIRCUIT	DETAIL	S ANI	) TEST	RES	SULTS	Circuits/equipme	nt vulne	erable	to dan	nage w	vhen testi	ng:										
CODES	S For Type of wiring (A) Thermoplastic insulated /	(B) Therr	noplastic c llic conduit		) The	ermoplastic cables n-metallic conduit	in (D) Thermoplastic cables in metallic trunking	י (E) די חי	nermoplast on-metallic		<sup>in</sup> (F)	Thermoplastic	/ SWA cable	s (G) Therm	iosetting / SV	VA cables (	H) Mineral-	insulated ca	bles (O	) other - state	•		
Circuit number	Circuit description	of wiring Codes)	Reference Method (BS 7671)	Number of points served	Circ		Protectiv			cuit	erating ent, I∆n D	Maximum permitted Zs for installed protective device*		Circuit final circuits sured end to		ces (Ω) All cir (complet one co	e at least		ation resi	istance Test	Polarity Max. measured earth Sault loop impedance, Zs	RCD operating time	Test buttons
Circu		Type c (see (	Referer (BS	Number of I	ive Im²) (	cpc (mm <sup>2</sup> ) (s)	BS (EN)	Type	(E) Rating	<ul> <li>Short-circuit</li> <li>Capacity</li> </ul>			(Line) rl	(Neutral) rn	(cpc) rl	(R[+R])	RI	Live / Live (MΩ)	Live / Earth (MΩ)	voltage DC (V)	Pa Max. me D <sup>a</sup> ult loop	(ms)	RCD AFE
	KITCHEN NEAR	А		1 16		<b>д</b> 5	BS 61009		45	10	30	0.78						>999	>999	500	✓ 0.12	17.9	$\checkmark$
1/L2	KITCHEN FAR	Α		1 16	6	6 5	BS 61009	В	45	10	30	0.78						>999	>999	500	✓ 0.33	19.5	$\checkmark$
	ROOM 1 UB4	A		1 10	4	l 5	BS 61009		40	10	30	0.88						>999	>999	500	✓ 0.49	18.4	$\checkmark$
	ROOM 2 UB3	A		1 10		15	BS 61009		40	10	30	0.88						>999	>999	500	✓ 0.27	18.4	$\checkmark$
-	ROOM 3 UB5	А		1 10		15	BS 61009	-	40	10	30	0.88						>999	>999	500	✓ 0.29	18.3	$\checkmark$
	ROOM 4 UB2	Α		1 10		15	BS 61009	-	40	10	30	0.88						>999	>999	500	✓ 0.33	18.2	$\checkmark$
	ROOM 5 UB6	A		1 10		15	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.33	18.2	$\checkmark$
	ROOM 6 UB1	A		1 10		4 5	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.29	18.4	$\checkmark$
3/L3	R00M 7 UB7	A		1 10		15	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.30	18.3	$\checkmark$
	R00M 8 46	A		1 10		l 5	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.41	19.3	$\checkmark$
	R00M 9 47	A		1 10		l 5	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.49	7.4	$\checkmark$
1/L3	R00M 10 45	A		1 10		15	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.56	18.4	$\checkmark$
	R00M 11 48	A		1 10		l 5	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.48	7.0	$\checkmark$
5/L2	R00M 12 44	A		1 10		1 5	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.48	7.0	$\checkmark$
6/L1	R00M 14 43	A		1 10		l 5	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.48	7.4	$\checkmark$
5/L3	R00M 13 49	A		1 10		l 5	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.52	18.2	$\checkmark$
	R00M 15 50	A		1 10		15	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.46	7.4	$\checkmark$
	R00M 16 42	A		1 10		15	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.44	18.4	$\checkmark$
	R00M 17 51	A		1 10	_	15	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.38	18.3	$\checkmark$
	R00M 18 41	A		1 10		15	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.42	18.4	$\checkmark$
1/L3	R00M 19 52	Α		1 10		15	61009 RCD/RCBO		40	10	30	0.88						>999	>999	500	✓ 0.57	7.4	$\checkmark$
DIST	<b>TRIBUTION BOARD (DB) DET</b>	AILS DI	B desig	nation: [	)B3		T	ESTE	D BY			oitals): <u>N</u>		DSON				Posit	ion: <u>Ele</u>	ctrician			
(to b	e completed in every case)	Lo	ocation	of DB: <u>I</u>	evel	2 Riser				Sigi	nature:	MA	Ľ					Date:	23/08/	2019			
TO E	BE COMPLETED ONLY IF THE	DB IS N	OT CO	ONNEC	TED	DIRECTL	Y TO THE ORIGIN	OF TI	HE IN	STAL	.LATI	ON						RUME		é a a a h in	ıstrument u	ood)	
Supp	ly to DB is from: ( <u>Basement</u>						) Nor	minal vo	oltage:	(400	)v	No.	of phase	es: ( <u>3</u>	)	11.1	i-functio		ayanıs		Continuity:	seu)	
Overa	current protection device for the dist	ribution c	ircuit	Type: (B	S EN	l <u>60947</u>		) F	Rating:	(100	) A					(	lation re	sistanc	~.	) (	Earth fault l		
Asso	ciated RCD (if any) Type: (BS EN					)	No. of poles: (	)	/ <b>1</b> \].n	(	) m	nA Oper	ating tim	ne: (	) ms	(				) (		oop mibed	ailte.
	acteristics at this DB Confirmation													ってい (2.04 分子 (2.04		Eartl	h electro	ode resi	stance:	) (	RCD:		
This cer	tificate is based on the model forms show	n in Append	dix 6 of I	BS 7671	E	inter a ( 🏒 🗸	r value in the respective f	fields, a:	s appro	priate.				<i>pr</i> taken from		, state sou	irce:						
Publishe	ed by Certsure LLP Certsure LL k House Houghton Holl Park Houghton Pr	.P operates	the NIC	EIC & ELE			© Copyright Certsur															Page	e 12 of 106



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#### **CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE**

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CODES For Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in (C) Thermoplastic cables in (D)									nt vuln	erable	to dar	nage w	nen testii	ng:											
COD	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therm	oplastic c ic conduit	ables in	(C) Th	ermoplasti n-metallic	c cables in conduit	(D) Thermoplastic cables in metallic trunking	n (E) TI	nermopla on-metall	tic cables c trunking	<sup>in</sup> (F) т	hermoplastic	/ SWA cables	(G) Thermosetti	ıg / SWA cabl	s (H) Minera	al-insulated ca	ibles (O	) other - state	e				
ē	Circuit description	BC (i	thod	points served	Cire	cuit tor csa	ction '1)	Protectiv	ve device			RCD	iitted ed ice*		Circuit impe	``		Insul	ation res	istance		l earth ince, Zs	RCD operating	Te: butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points			Max. disconnectic time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, IΔn	Maximum permitted Zs for installed protective device*	(measu	nal circuits onl ared end to end	) (con oi	Il circuits plete at leas e column)	st Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Sault loop impedance, 2	time	RCD	AFDD
				n Z	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	(s)			(A)	(kA)		<ul> <li>(Ω)</li> </ul>	(Line) rl	(Neutral) (cj rn r		RI) RI	(MΩ)	(MΩ)	(V)		(Ω)	(ms)		
8/L1	ROOM 20 39	А		1 1	0	45	6	1009 RCD/RCBO	В	40	10	30	0.88					>999	>999	500	$\checkmark$	0.37	7.2	$\checkmark$	
8/L2	R00M 21 35	А			0	45		1009 RCD/RCBO	В	40	10	30	0.88					>999	>999	500		0.38	18.3	$\checkmark$	
8/L3	R00M 22 38	A		· ·	0	45		1009 RCD/RCB0	В	40	10	30	0.88					>999	>999	500		0.37	7.4	$\checkmark$	
9/L1	ROOM 23 36	A			0	45		1009 RCD/RCB0	В	40	10	30	0.88					>999	>999	500	· ·	0.30	7.2	$\checkmark$	
9/L2	ROOM 24 LH6	А			10	45		1009 RCD/RCBO	В	40	10	30	0.88					>999	>999	500		0.34	7.4	$\checkmark$	
9/L3	R00M 25 37	А			10	45	6	1009 RCD/RCBO	В	40	10	30	0.88					>999	>999	500		0.35	7.4	$\checkmark$	
10/L1	R00M 26 LH5	А		-	0	45		1009 RCD/RCBO	В	40	10	30	0.88					>999	>999	500	•	0.36	7.4	$\checkmark$	
10/L2	R00M 27 LH1	А		1 1	10	45	6	1009 RCD/RCBO	В	40	10	30	0.88					>999	>999	500	$\checkmark$	0.33	7.8	$\checkmark$	
10/L3	ROOM 28 LH4	А		1 1	10	45	6	1009 RCD/RCBO	В	40	10	30	0.88					>999	>999	500	$\checkmark$	0.32	7.2	$\checkmark$	
11/L1	ROOM 29 LH2	А		1 1	10	45	6	1009 RCD/RCBO	В	40	10	30	0.88					>999	>999	500	$\checkmark$	0.31	7.6	$\checkmark$	
11/L2	ROOM 30 40	А		1 1	0	45	6	1009 RCD/RCBO	В	40	10	30	0.88					>999	>999	500	•	0.39	18.4	$\checkmark$	
11/L3	ROOM 31 LH3	А		1 1	10	45	6	1009 RCD/RCBO	В	40	10	30	0.88					>999	>999	500	$\checkmark$	0.28	17.3	$\checkmark$	
12/L1	CLEANERS	А		32	2.5	1.5 0	.4 6	1009 RCD/RCBO	В	20	10	30	1.75					>999	>999	500	$\checkmark$	1.00	18.3	$\checkmark$	
12/L2	CORRIDOR LIGHTS NEAR	А		19 1	1.5	15	6	1009 RCD/RCBO	В	10	10	30	3.5					>999	>999	500	$\checkmark$		18.3	$\checkmark$	
12/L3	NEAR STAIR LIGHTS	C		2 1	1.5	15	6	1009 RCD/RCBO	В	10	10	30	3.5					>999	>999	500	$\checkmark$	0.49	17.9	$\checkmark$	
13/L1	FAR CORRIDOR LIGHTS	А		61	1.5	15	6	1009 RCD/RCBO	В	10	10	30	3.5					>999	>999	500	$\checkmark$	1.16	18.0	$\checkmark$	
13/L2	CORRIDOR EM LIGHTS	А		27 1	1.5	15	6	1009 RCD/RCBO	В	10	10	30	3.5					>999	>999	500		0.76	16.1	$\checkmark$	
13/L3	FAR STAIR LIGHTS	С		21	1.5	15	6	1009 RCD/RCBO	В	10	10	30	3.5					>999	>999	500		0.64	18.2	$\checkmark$	
14/L1	DOOR ACCESS	C		4 2	2.5	1.5 5	6	0898 MCB	В	16	6		2.2					>999	>999	500	$\checkmark$	0.23	N/A		
14/L2	LHS SPUR	D		1 2	2.5	1.5 5	6	0898 MCB	В	16	6		2.2					>999	>999	500	$\checkmark$	0.15	N/A		
14/L3	RHS SPUR	D		1 2	2.5	1.5 5	6	0898 MCB	В	16	6		2.2					>999	>999	500	$\checkmark$	0.16	N/A		
DIS	TRIBUTION BOARD (DB) DETAIL	S DE	3 desig	nation	: <u>DB3</u>				<b>ESTE</b>	D BY	Nai	me (cap	itals): <u>M</u>	ARK HUD	SON			Posit	ion: Ele	ctrician					
	be completed in every case)		cation	of DB:	Leve	l 2 Rise	r				Sig	nature:	MA	C				Date	: <u>23/08</u> /	/2019					
<b>T0</b>	BE COMPLETED ONLY IF THE DE	IS NO	OT CC	ONNE	CTEI	D DIR	ECTLY	TO THE ORIGIN	I OF T	HE IN	ISTAI	LATIC	DN				EST INS nter seria			st oa ob ii	netru	nont us	(boc		
Sup	bly to DB is from: (Basement							) No	minal v	oltage	: (400	) V	No.	of phases	s: (3		Iulti-funct		ayam			nuity:	icu)		
Ove	current protection device for the distrib										: (100	)A				(		• .		) (	(	, 	······		)
	ciated RCD (if any) Type: (BS EN									/ <b>3</b> 1, n	(	) m	A Opera	ating time	ə: (	ms (	sulation i	resistanc	e:	) (	Earth	fault lo	oop imped	ance:	)
	acteristics at this DB Confirmation of												•	•		-   E	arth elect	rode resi			RCD:				)
														r	aken from BS									-	
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#### **CONTINUATION SHEET:** ELECTRICAL INSTALLATION CERTIFICATE

SCH	EDULE OF CIRCUIT DETAILS ANI	DIES	I KE	SULI	5			Circuits/equipm	ient vuln	ierable	e to dan	nage w	/hen testi	ing:												
CODE	S For Type of wiring (A) Thermoplastic insulated / ( sheathed cables	B) Therm metall	noplastic c lic conduit	cables in t	(C) T n	'hermoplasti Ion-metallic	ic cables in conduit	(D) Thermoplastic cables metallic trunking	sin (E) T	l fhermopla non-metal	istic cables lic trunking	<sup>in</sup> (F)	Thermoplastic	c / SWA cables	s (G) Therr	nosetting / S	VA cables (	H) Mineral-i	insulated ca	ibles (O)	) other - state	3				
<u>م</u>	Circuit description	<b>D</b> -	pou	served		rcuit ictor csa	tion 1)	Protect	tive device	e		RCD			Circuit	impedan	ces (Ω)		Insul	ation resi	stance		earth nce, Zs	RCD operating	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current. IAn	Maximum permitted Zs for installed protective device*	(meas	final circuit sured end t	o end)	All ci (complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	time	RCD	
			œ.	Nun	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	≥ (s)			(A)				(Line) rl	(Neutral) rn	(cpc) r[]	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Qaul	(ms)	INCD	
15/L1					(11111 )	/ (11111 /	(3)			(~)	(10-1)	(11/4)	(52)	10		10		T NU	(10152)	(11152)		1	(52)	(113)		
15/L2																										
15/L3	CT METER	А		1	1.5	1 (	).4	60898 MCB	В	6	6	N/A	5.87						>999	>999	500	$\overline{\checkmark}$	0.16	N/A		
16/L1	CT METER 3 PHASE	А		1	1.5	1 (	).4	60947-2 MCB	C	6	10	N/A	2.91						>999	>999	500			N/A		
	CT METER 3 PHASE	А		1	1.5	1 (	).4	60947-2 MCB	С	6	10	N/A	2.91						>999		500			N/A		
16/L3	T METER 3 PHASE       A       1       1.5       1       0.4       60947-2 MCB       C       6       10       N/A       2.91         T METER 3 PHASE       A       1       1.5       1       0.4       60947-2 MCB       C       6       10       N/A       2.91																>999	>999	500	$\checkmark$	0.18	N/A				
(to t	TRIBUTION BOARD (DB) DETAIL be completed in every case)	Lo		n of DB	3: Lev	el 2 Ris					Sig	nature	Mh		DSON		) <b>TEC</b>			ion: <u>Ele</u> , : <u>23/08/</u> ;						
	BE COMPLETED ONLY IF THE DB													<i>.</i> .	10	,	ente (ente	r serial	number	r agains	t each ir			sed)		
Supp	bly to DB is from: (Basement							) No	lominal v	oltage	e: ( <u>400</u>	)V	No.	of phase	es: ( <u>3</u>	)	Mult	i-functio	วท:		1	Conti '	tinuity:			1
Over	current protection device for the distribu	ition ci	ircuit	Туре:	(BS E	N <u>6094</u>	7		)	Rating	g: ( <u>100</u>	)A	١				Insu	lation re	esistanc	e:	) (	Earth	n fault lo	oop imped	ance:	)
Asso	ciated RCD (if any) Type: (BS EN						)	No. of poles: (	)	/∄L n	, (		•	rating tim		) ms		1 electro	ode resi	stance:	) (	( RCD:	:			)
Char	acteristics at this DB Confirmation of s	supply	polarit	ty: (	)	Phas	e seque	ence confirmed (wh	iere app	ropria	te): Fal	lse 🛓	<sub>7s</sub> (0.11	)Ω	7 ( <u>2.04</u>	) kA					) (					)
	rtificate is based on the model forms shown in red by Certsure LLP Certsure LLP or							value in the respective © Copyright Certsu				*	Where fig	jure is not	taken fror	n BS 7671	, state sou	rce:						 Page 14	l of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT	RES	SULTS	Circuits/equipme	ent vuln	erable	to dam	nage w	hen testi	ng:														
CODES	S For Type of wiring (A) Thermoplastic insulated sheathed cables	d / (B) Therm	noplastic ( Ilic condui		C) The	ermoplastic cables i n-metallic conduit	in (D) Thermoplastic cables metallic trunking		nermoplast on-metallic		<sup>in</sup> (F) <sup>1</sup>	hermoplastic	/ SWA cables	s (G) Thermoset	ting / SWA	cables (	H) Mineral-i	insulated ca	<sup>bles</sup> (O	) other - state	I			
nber	Circuit description	ring es)	lethod 1)	ts served	Circ		Protecti	ive device			RCD চুর্বি	rmitted alled evice*	Ring	Circuit imp		s (Ω) All cir	cuits	Insul	ation res	istance	/ ed earth dance, Zs	RCD operating time	Test buttor	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served		Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operatir current, I.	Maximum permitted Zs for installed protective device*		sured end to en		(complete one co		Live / Live	Live / Earth	Test voltage DC	Polarity Max. measured eart Sault loop impedance,		RCD A	
			Ľ	I Nr.	_ive nm²) (	cpc (mm²) (s)			(A)	ഗ (kA)	(mA)	<u></u> 2 – 2 (Ω)	(Line) rî		rD) r⊡	(RI+RI)	RI	(MΩ)	(MΩ)	(V)	Ω)	(ms)		
	NEAR KITCHEN	А		1 10	6 1	10 5	61009 RCD/RCBO	В	45	10	30	0.78						>999	>999	500	🗸 0.13	18.1	$\checkmark$	
1/L2	FAR KITCHEN	А		1 10		10 5	61009 RCD/RCBO	В	45	10	30	0.78						>999	>999	500	✓ 0.35	22.2	$\checkmark$	
	ROOM 1 VH4	А		1 10		ł 5	61009 RCD/RCBO	В	40	10	30	0.88						>999	>999	500	✓ 0.63	18.3	$\checkmark$	
	ROOM 2 VH3	A		1 10		ł 5	61009 RCD/RCBO	В	40	10	30	0.88						>999	>999	500	✓ 0.38	18.2	$\checkmark$	
	ROOM 3 VH5	А		1 1(		15	61009 RCD/RCBO	В	40	10	30	0.88						>999	>999	500	✓ 0.42	18.3	$\checkmark$	
2/L3	ROOM 4 VH6	А		1 1(		15	61009 RCD/RCBO	В	40	10	30	0.88						>999	>999	500	✓ 0.47	18.3	$\checkmark$	
3/L1	ROOM 5 VH6	A	1	1 1(		15	61009 RCD/RCB0	В	40	10	30	0.88						>999	>999	500	✓ 0.40	18.1	$\checkmark$	
	ROOM 6 VH1	A		1 10		15	61009 RCD/RCB0	В	40	10	30	0.88						>999	>999	500	✓ 0.37	18.2	$\checkmark$	
	ROOM 7 VH7	A		1 1(		4 5	61009 RCD/RCB0	В	40	10	30	0.88						>999	>999	500	✓ 0.59	18.5	$\checkmark$	
	R00M 8 64	A		1 1(		1 5	61009 RCD/RCB0	В	40	10	30	0.88						>999	>999	500	✓ 0.48	18.2	$\checkmark$	
	R00M 9 65	A		1 1(		4 5	61009 RCD/RCB0	В	40	10	30	0.88						>999	>999	500	✓ 0.41	19.2	$\checkmark$	
I/L3	R00M 10 63	A		1 1(		4 5	61009 RCD/RCBO	В	40	10	30	0.88						>999	>999	500	✓ 0.39	18.4	$\checkmark$	
	R00M 11 66	A		1 1(		ł b	61009 RCD/RCB0	В	40	10	30	0.88						>999	>999	500	✓ 0.35	18.3	<ul> <li>✓</li> </ul>	
	R00M 12 62	A		1 1(		ł b	61009 RCD/RCB0	В	40	10	30	0.88						>999	>999	500	✓ 0.44	18.3	✓	
	R00M 13 67	A		1 1(		ł b	61009 RCD/RCB0	B	40	10	30	0.88						>999	>999	500	✓ 0.50	18.3	✓	
	R00M 14 61	A		1 1(		ł b	61009 RCD/RCBO	В	40	10	30	0.88						>999	>999	500	✓ 0.42	18.3	✓	
	R00M 15 68	A		1 1(		ł b	61009 RCD/RCB0	B	40	10	30	0.88						>999	>999	500	✓ 0.42	19.3	✓	
	R00M 16 60	A		1 1(		ł b	61009 RCD/RCB0	B	40	10	30	0.88						>999	>999	500	✓ 0.50	18.4 18.3	✓	
	R00M 17 69	A	_	1 1(		+ D	61009 RCD/RCB0	B	40	10	30	0.88						>999	>999	500	✓ 0.51	_	<ul> <li>✓</li> </ul>	
	R00M 18 59	A		1 10 1 10		+ D	61009 RCD/RCB0	-	40	10	30	0.88 0.88						>999	>999	500	✓ 0.39	18.3	<ul> <li>✓</li> </ul>	
	R00M 19 70	A				+ p	61009 RCD/RCBO	B	40	10	30							>999	>999	500	✓ 0.40	18.4	$\checkmark$	
	FRIBUTION BOARD (DB) DET	AILU		gnation:				TESTE	DRI		-	itals): <u>M</u>		DSON				Posit	ion: <u>Ele</u>	ctrician				••••
(to b	e completed in every case)	Lo	ocatior	n of DB:	Level	3 Riser				Sigr	nature:	MA	Ľ					Date:	23/08/	2019				
TO E	BE COMPLETED ONLY IF THE	DB IS N	OT C	ONNEC	TED	DIRECTL	Y TO THE ORIGIN	N OF T	HE IN	STAL	LATI	ON					T INST			t each ir	nstrument u	(haa	·	
Supp	ly to DB is from: ( <u>Basement</u>						) No	minal v	oltage:	(400	)V	No.	of phase	es: ( <u>3</u>	)	1.1	i-functio		ayama		Continuity:	36u/		
Overa	current protection device for the dis	stribution c	ircuit	Type: (E	S EN	l <u>60947-2</u>		) I	Rating:	( <u>100</u>	)A					(	ation re	sistanc	۵.	) (	Earth fault l	oon imned	ance.	)
Asso	ciated RCD (if any) Type: (BS EN					)	No. of poles: (	)	/ <u>1</u> 4. n	(	) m	A Oper	ating tim	ie: (	) ms	(				) (				)
Chara	acteristics at this DB Confirmatio	n of supply	polari	ty: (	)	Phase sequ	ience confirmed (whe	ere appi	opriate	e): 🗖	] <i>z</i>	s ( <u>0.13</u>	)Ω	77 ( <u>1.78</u>	)kA		n electro			) (	RCD:			)
Publishe	rtificate is based on the model forms show ed by Certsure LLP Certsure L	LP operates	the NIC	CEIC & EL		• •	r value in the respective © Copyright Certsu				*	Where fig	ure is not	taken from BS	5 7671, s							 Page	e 15 of 1	106



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#### **CONTINUATION SHEET:** ELECTRICAL INSTALLATION CERTIFICATE

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SCH	SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS         CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables         (B) Thermoplastic cables in metallic conduit         (C) Thermoplastic cables in non-metallic conduit									ent vuln	erabl	e to dai	mage w	hen testi	ng:												
CODE	S For Type of wiring (A) Thermopla sheathed of	astic insulated / cables	(B) <sup>Therm</sup> metalli	ioplastic c ic conduit	ables in	(C) Th	nermoplast on-metallic	ic cables in conduit	n (D) Thermoplastic cables metallic trunking	sin (E) T	nermopl on-meta	astic cables llic trunking	sin (F)	l fhermoplastic	/ SWA cables	(G) Thermos	setting / SW	/A cables (	H) Mineral-ir	nsulated cab	oles (O	) other - state	;				
er	Circuit description	n	D (i)	thod	served		cuit ctor csa	ction '1)	Protect	tive device			RCD			Circuit in	•	. ,		Insula	ation res	istance		l earth ince, Zs	RCD operating	Te: butto	
Circuit number			Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit	Operating current, I∆n	Maximum permitted Zs for installed protective device*		inal circuits oured end to	end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	time	RCD	AFDD
					N	Live (mm²)	cpc (mm²)	(s)			(A		) (mA)	(Ω)	(Line) r	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
8/L1	ROOM 20 58		А		1	10	4		61009 RCD/RCBO	В	40	10	30	0.88						>999	>999	500	· ·	0.25	19.2	$\checkmark$	
8/L2	R00M 21 53		А			10	4		61009 RCD/RCBO	В	40	10	30	0.88						>999	>999	500	•	0.41	18.3	$\checkmark$	
8/L3	R00M 22 57		Α			10	4		61009 RCD/RCBO	В	40	10	30	0.88						>999	>999	500		0.39	18.3	$\checkmark$	
9/L1	R00M 23 54		A			10	4		61009 RCD/RCB0	В	40	10	30	0.88						>999	>999	500		0.43	18.4	$\checkmark$	
9/L2	R00M 25 55		A			10	4		61009 RCD/RCB0	В	40	10	30	0.88						>999	>999	500	· ·	0.34	19.2	$\checkmark$	
9/L3	ROOM 26 MF6		A			10	4		61009 RCD/RCB0	В	40	10	30	0.88						>999	>999	500		0.22	18.4	<ul> <li>✓</li> </ul>	
10/L1	R00M 26 MF6 R00M 27 MF1		A		-	10	4		61009 RCD/RCB0	В	40	10	30 30	0.88 0.88						>999	>999 >999	500 500	•	0.35	18.2 18.3	<ul> <li>✓</li> </ul>	
10/L2 10/L3	ROOM 27 MFT ROOM 28 MF5		A			10 10	4		61009 RCD/RCB0	B	40 40	10 10	30							>999		500 500		0.35 0.33		<ul> <li>✓</li> </ul>	
			A		-		4		61009 RCD/RCB0	B				0.88						>999	>999		· ·		18.4	<ul> <li>✓</li> </ul>	
11/L1	R00M 29 MF2 R00M 30 MF4		A			10 10	4		61009 RCD/RCB0	B	40	10	30 30	0.88 0.88						>999	>999	500 500	· ·	0.32	18.4	$\checkmark$	
11/L2 11/L3	ROOM 31 MF3		A			10	4 4		61009 RCD/RCBO 61009 RCD/RCBO	B	40 40	10 10	30	0.88						>999 >999	>999 >999	500		0.36	18.4 18.3	<ul> <li>✓</li> </ul>	<b>—</b> —–
12/L1	CLEANERS		A			10 2.5			61009 RCD/RCB0	D	40 20	10	30	1.75						>999 >9999	>999 >9999	500	$\overline{\checkmark}$	0.18 1.41	18.3	$\checkmark$	
12/L1	CORRIDOR LIGHTS NEAR		A A			2.5 1.5			61009 RCD/RCB0	B	10	10	30	3.5						>999	>999	500	l ✓	1.41	18.0	$\overline{}$	
12/L2	STAIR LIGHTS NEAR		<u> </u>			1.5			61009 RCD/RCB0	B	10	10	30	3.5						>999	>999	500	1 V	1.50	18.4	1 V	$ \longrightarrow $
13/L1	CORRIDOR LIGHTS FAR		<u> </u>			1.5	-		61009 RCD/RCB0	B	10	10	30	3.5						>999	>999	500	· ·	2.50	18.0	$\overline{\checkmark}$	
13/L2	EM CORRIDOR LIGHTS		<u> </u>			1.5			61009 RCD/RCB0	B	10	10	30	3.5						>999	>999	500	· ·	2.19	16.3	× ×	
13/L3	STAIR LIGHTS FAR		Δ			1.5			61009 RCD/RCB0	B	10	10	30	3.5						>999	>999	500	V V	2.10	10.0		
14/L1	LIFT SUPPLY		A			2.5	-		60947-2 MCB	B	20	6	N/A	1.75						>999	>999	500		0.52	+	$\vdash$	
	DOOR ENTRY		A						60898 MCB	B	16	6	N/A	2.2						>999	>999	500		0.21	+		$ \square$
	SPUR RHS		A						60898 MCB	B	16	6	N/A	2.2						>999	>999	500		0.16	+		
	<b>FRIBUTION BOARD (D</b>		DE	3 desig						TESTE		/ Na		oitals): M	ARK HUI	2SON						ctrician	Ľ		_	<u> </u>	
	e completed in every		LJ		·		el 3 Ris							MM							23/08/						
<b>T0</b>	BE COMPLETED ONLY	IF THE DE	B IS NO	OT CC	ONNE	CTE	D DIR	ECTL	Y TO THE ORIGI	N OF T	HE I	NSTA	LLATI	DN				TES (ente	T INST	RUME		st each ii	nstru	ment us	sed)		
Supp	ly to DB is from: (Basement	t							) N	ominal v	oltag	e: (400	) V	No.	of phase	s: (3	)		i-functio		againe			inuity:	,00,		
Over	current protection device fo	or the distrib										а: (100	 A (		-			(				) (	(				)
	ciated RCD (if any) Type:														ating tim	e: (	) ms	Insu (	lation re:	sistance	9:	) (	Earth	n fault le	oop imped	ance:	)
	acteristics at this DB Con																		n electro			:) (	RCD:				)
This ce Publish	rtificate is based on the model fo	orms shown ir Certsure LLP c	n Append operates 1	lix 6 of I the NIC	BS 7671 EIC & E	1	Enter a	( 🗸 or	value in the respective © Copyright Certsu	e fields, a	s appi	opriate.				taken from I			rce:						 Page 16	6 of	106

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

#### **CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE**

SCH	EDULE OF CIRCUIT DETAILS AND			Circuits/equipmen	ıt vulr	nerabl	e to da	ımage v	vhen testi	ing:																
CODES	For Type of wiring (A) Thermoplastic insulated / (I) sheathed cables	tic cables ir c conduit	(D) Thermoplastic cables in metallic trunking	(E)	Thermopla non-metal	astic cable Ilic trunkin	asin (F)	Thermoplastic	c / SWA cables	(G) Therr	nosetting / S\	WA cables	(H) Mineral-i	insulated cal	bles (O	) other - state	e									
er	Circuit description		pout	served	Ci	rcuit ctor csa		Protective	-			RC				impedan	. ,		Insula	ation res	sistance		l earth ince, Zs	RCD operating	Te butt	est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit	Capacity Operating	Maximum permitted Zs for installed protective device*	(measu	nal circuit ured end t (Neutral)	o end)	(comple	circuits ete at least column)	Live / Live	Live / Earth		Polarity	Max. measured earth B <sup>°</sup> ault loop impedance, Zs	time	RCD	AFD
						(mm²)	(s)			(A)		A) (m/	) (Ω)	(Line) r[	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
	SPUR LHS	A		1	2.5	1.5	0.4	60898 MCB	В	16	6	N/A	2.2						>999	>999	500	$\checkmark$	0.15			<u> </u>
15/L2	07 METER	ļ			1.5								F 07						000	000	500		0.47	<u> </u>		<u> </u>
		A		1		N/A		60898 MCB	В	6	6	N/A	5.87						>999	>999	500		0.17	ļ/		<u> </u>
	CT METER (3 PHASE)	A		1				60898 MCB	В	D C	10	N/A	2.91						>999	>999	500		0.18	Ļ/		<u> </u>
	CT METER CT METER	A		1				60898 MCB 60947-2 MCB	B C	D C	10 10	N/A N/A	2.91 2.91						>999 >999	>999 >999	500 500		0.18	ļ/		<u> </u>
10/13		А		P	1.0	N/A	0.4	JUJ47-Z IVIGD	۲	υ	10	N/A	2.91						>322	>323	500	$\checkmark$	0.18			<u> </u>
	RIBUTION BOARD (DB) DETAILS e completed in every case)	)	3 desig	-		1 el 3 Ris	ser	TI	ESTE	ED B1			pitals): <u>M</u>	MARK HUE	)SON					ion: <u>Ele</u> 23/08/	ectrician /2019					
TOP	E COMPLETED ONLY IF THE DB	IS NI			FCTF	ח חו	RECTI	TO THE ORIGIN	OF T	HE II	ΔΤ2ΙΛ	ΙΙΔΤ	0N				TES	ST INST	RUME	NTS						—
		10 14			LUIE	זוע ע	LUIL							of phase:	c: /2	١	(ente	er serial	number	agains				ed)		
	y to DB is from: ( <u>Basement</u>		• •,	 -		NI 000	47.0	) Nom		-				or priases	s. ( <u>s</u>	)	Mul	lti-functio	on:		) (	Conti	inuity:			
Uvero	urrent protection device for the distribu								)	Kating	g: ( <u>100</u>						ิโทรเ	ulation re	sistanc	e:		Earth	ı fault lo	op imped	ance:	
Asso	ciated RCD (if any) Type: (BS EN						)	No. of poles: (	)	/2∆/	, (	)	nA Oper	rating time	e: (	) ms		th alast		otoro	) (	RCD:				
Chara	cteristics at this DB Confirmation of s	upply	polarit	ty: (	)	Phas	se sequ	ence confirmed (wher	e app	ropria	ate): Fa	alse	<sub>Zs</sub> ( <u>0.13</u>	)Ω	, ( <u>1.78</u>	) kA		th electro	Dae resi	stance	: ) (	KUD:				
Publishe	tificate is based on the model forms shown in ed by Certsure LLP Certsure LLP op	erates	the NIC	CEIC &				value in the respective fi © Copyright Certsure					*Where fig	jure is not t	aken fron	n BS 7671	, state so	urce:						 Page 17	of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAF	T 11 : SCHEDULE OF CIRCUIT DE	TAILS	S ANI	D TES	T RE	SULTS		Circuits/equipmen	nt vuln	erable	to dam	age wh	en testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / ( sheathed cables	(B) Therm	noplastic c lic conduit	ables in t		nermoplastic cal on-metallic cond		(D) Thermoplastic cables in metallic trunking	(E) T	'hermoplast ion-metallic	ic cables in trunking	י <b>(F)</b> ™	ermoplastic	/ SWA cables	(G) Thern	nosetting / S\	NA cables (	H) Mineral-i	insulated ca	ibles (O	) other - state	e				
ber	Circuit description	ng s)	ethod )	s served		cuit ctor csa	71)	Protective	e device	e		RCD	nitted led vice*	Ping f	Circuit	impedan	ces (Ω) All ci	rouito	Insul	ation res	istance		d earth ance, Zs	RCD operating time		est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served		Max. disconnection	time (BS 76	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆	Maximum permitted Zs for installed protective device*	(measi	ured end t	o end)	(complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	unie	DOD	4500
			œ	Mum	Live (mm <sup>2</sup> )	cpc ≦ (mm²) (s		ш		(A)	ග් (kA)	(mA)	<sup>Δ</sup> ຊ (Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		(Qault	(ms)	RCD	AFDD
1/L1	OVEN 1	А	С			1.5 0.4		1898 MCB	В	20	6	(	0				0.20		>1000	>1000		$\checkmark$	0.53	(		
1/L2	OVEN 2	А	С		2.5	1.5 0.4	60	1898 MCB	В	20	6		0				0.21		>1000	>1000	500	$\checkmark$	0.54			
1/L3	LITCHEN SOCKETS	А	С		2.5	1.5 0.4	60	1898 MCB	В	20	6		0				0.33		>1000	>1000	500	$\checkmark$	0.66			
2/L1	FRIDGE & COOKER	А	С		2.5	1.5 0.4	60	1898 MCB	В	20	6		0				0.23		>1000	>1000	500	$\checkmark$	0.56			
2/L2	FRIDGE A C 2.5 1.5 0.4 60898 MCB B 20 6 0 0 0.59														0.59		>1000	>1000	500		0.92					
2/L3	HEATER A C 2.5 1.5 0.4 60898 MCB B 16 6 0 0 0.23															0.23		>1000	>1000	500		0.56				
3/L1	IEATER         A         C         2.5         1.5         0.4         60898 MCB         B         16         6         0         0         0.23           IOB & EXTRACTOR         A         C         2.5         1.5         0.4         60898 MCB         B         20         6         0         0         0.13															0.18		>1000	>1000	500	$\checkmark$	0.51				
3/L2	HEATER         A         C         2.5         1.5         0.4         60898 MCB         B         16         6         D         0.23           10B & EXTRACTOR         A         C         2.5         1.5         0.4         60898 MCB         B         20         6         D         0.18           V         A         C         2.5         1.5         0.4         60898 MCB         B         20         6         D         0.18															0.10		>1000	>1000	500	$\checkmark$	0.43				
3/L3	HOB & EXTRACTOR A C 2.5 1.5 0.4 60898 MCB B 20 6 0 0 0.18															0.19		>1000	>1000	500	$\checkmark$	0.52				
4/L1	CLEANERS SOCKETS	А	С	1	1.5	1.0 0.4	60	1898 MCB	В	16	6		0				0.79		>1000	>1000	500	$\checkmark$	1.12			
	TRIBUTION BOARD (DB) DETAIL be completed in every case)	3		gnation 1 of DB:		CHEN 2ND			ESTE	D BY			tals): M	ARK HUI	DSON				Date:	: 23/08/	ctrician 2019					·····
	BE COMPLETED ONLY IF THE DB																ente (ente		number	ENTS r agains	t each i			ed)		
								) Nom				)V	No.	of phase	s: ( <u>1</u>	)	Mult	i-functio	on:		\	Conti	inuity:			١.
1	current protection device for the distribu											A()					Insu	lation re	sistanc	e:	) (	Earth	n fault lo	op imped	ance:	)
	ciated RCD (if any) Type: (BS EN													ating tim			Eart	n electro				RCD:				)
	acteristics at this DB Confirmation of s		-	-			-					20		)Ω		) kA	`				) (					)
	rtificate is based on the model forms shown in red by Certsure LLP Certsure LLP of						or v	alue in the respective fi © Copyright Certsure				*V	vnere figi	ure is not t	taken tron	182/6/1	, state sou	rce:						 Page	18 of	106

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



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	T 11 : SCHEDULE OF CIRCUIT DE	FAILS	SANL	) TES	ST RE	SULTS	;	Circuits/equip	pment v	ulne	erable t	o dama	age whe	en testir	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (I sheathed cables	B) <sup>Therm</sup> metalli	oplastic c ic conduit	ables in		nermoplastic on-metallic co		(D) Thermoplastic cab metallic trunking	ibles in (E	E) Th nc	hermoplastic on-metallic t	c cables in trunking	• <b>(F)</b> The	ermoplastic	/ SWA cables	G) Thern	nosetting / S\	NA cables (	<b>- )</b> Mineral-i	nsulated ca	bles (O	) other - state	e				
ber	Circuit description	BC (i	thod	served		cuit ctor csa	ction 71)	Prote	tective de	vice	9		RCD	ed ice*			impedan	. ,		Insul	ation resi	istance		l earth ance, Zs	RCD operating	Te butt	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)		Type	Rating	Short-circuit capacity	Operating current, I∆n	Zs for installed protective device*	(meas	final circuit	o end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
			Ľ.	Nun	Live (mm²)	cpc	≥ (s)				(A)	の (kA)	(mA)	≥ ⊥ (Ω)	(Line) r□	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ω Ω	(ms)	NOD	1. 00
1/L1	OVEN 1				2.5	1.5 0.4		60898 MCB	В		20	6		)				0.09		>999	>999	500	$\checkmark$	0.21			
1/L2	OVEN 2					1.5 O.		60898 MCB	В		20	6		)				0.18		>999		500		0.30			
1/L3	KITCHEN					1.5 0.4		60898 MCB	В		20	6	0	)				0.13		>999		500		0.25			
2/L1	FRIDGE				2.5	1.5 O.		60898 MCB	В		20	6	0	)				0.51		>999		500		0.63			
2/L2												6	0	)				0.26		>999		500		0.38			
2/L3	CLEANERS         2.5         1.5         0.4         60898         MCB         B         16         6         0         0         0.1           HOB         2.5         1.5         0.4         60898         MCB         B         16         6         0         0         0.1														0.24		>999		500	· ·	0.36						
3/L1											16	6		)				0.10		>999		500		0.22			
	/L3       CLEANERS       2.5       1.5       0.4       60898 MCB       B       16       6       0         /L1       HOB       2.5       1.5       0.4       60898 MCB       B       16       6       0         /L2       TV       1.5       1.0       0.4       60898 MCB       B       6       6       0													)				0.13		>999		500		0.25			
3/L3	3/L2 TV 1.5 1.0 0.4 60898 MCB B 6 6 0																	0.51		>999	>999	500	$\checkmark$	0.63			
	TRIBUTION BOARD (DB) DETAILS be completed in every case)	2		gnatior of DB		CHEN 2N	D (RIS		TES	TE	D BY		ie (capit ature:		ARK HUI	DSON					ion: <u>Ele</u> . : <u>23/08/</u> :						
<b>T0</b>	BE COMPLETED ONLY IF THE DB	IS NO	DT CO	ONNE	CTE	D DIRE	CTLY	TO THE ORIG	GIN OF	: Tł	HE INS	STALI	LATIO	N				TES (ente	r INST	RUME	ENTS agains	t each ir	nstru	ment us	sed)		
Sup	oly to DB is from: (							)	Nomina	al vo	oltage:	(240	) V	No.	of phase	s: ( <u>1</u>	)		i-functio					inuity:			
Ove	current protection device for the distribu												) A					( Insu	ation re	sistanc	 e:	) (	Earth	h fault lo	oop imped	ance:	)
Asso	ciated RCD (if any) Type: (BS EN						)	No. of poles: ( <u>1</u>	1	)	la∆n	( <u>30</u>	) mA	Opera	ating tim	e: ( <u>17.9</u>	) ms	(			stance:	) (	( RCD:				)
Cha	acteristics at this DB Confirmation of s	upply	polarit	ty: (	)	Phase	seque	ence confirmed (w	where a	ppr	ropriate	):	20			<sub>Øf</sub> ( <u>1.94</u>		(				) (	(				)
	rtificate is based on the model forms shown in a ned by Certsure LLP Certsure LLP op						Vor	value in the respect © Copyright Cert					*W	here figu	ure is not t	taken fron	n BS 7671	, state sou	rce:						 Page	19 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	T 11 : SCHEDULE OF CIRCUIT DET	<b>FAILS</b>	SAN	) TES	T RE	SULTS		Circuits/equipmer	าt vuln	erable	to dama	age whe	en testiı	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (A) sheathed cables	B) <sup>Therm</sup> metall	oplastic c ic conduit	ables in		hermoplastic o on-metallic co		(D) Thermoplastic cables in metallic trunking	(E) T	hermoplast	tic cables in trunking	• <b>(F)</b> The	ermoplastic	/ SWA cables	(G) Therm	nosetting / S\	VA cables (	<b>- )</b> Mineral-i	insulated cal	bles (O	other - state	9				
Der	Circuit description	s) Bu	ethod )	points served		cuit ctor csa	ction 71)	Protective	e device	e	-	RCD	nitted led vice*	Dian		impedan	. ,		Insula	ation resi	stance		d earth ance, Zs	RCD operating time	Te butt	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(measi	inal circuits ured end to	o end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth ult loop impedance, Zs	une	RCD	AFDD
			Ľ.	Nun	Live (mm <sup>2</sup> )	CPC	≥ (s)			(A)	の (kA)	(mA)	≦ <u>u</u> (Ω)	(Line) r□	(Neutral) rn	(cpc) rl	(RI+RI)	R	(MΩ)	(MΩ)	(V)		May D <sup>f</sup> ault I	(ms)	nob	
1/L1	OVEN 1				2.5	1.5 0.4		0898 MCB	В	20	6	(	)				0.10		>1000	>1000	500		0.22			
1/L2	OVEN 2					1.5 0.4		0898 MCB	В	20	6		)				0.10				500		0.23			
1/L3	KITCHEN				2.5	1.5 0.4		0898 MCB	В	20	6	0	)				0.36		>1000	>1000			0.49			
2/L1	FRIDGE				2.5	1.5 0.4		0898 MCB	В	20	6		)				0.49		>1000	>1000	500		0.62			
2/L2	HEATER					1.5 0.4		0898 MCB	В	16	6		)				0.23		>1000		500		0.36			
2/L3	CLEANERS					1.5 0.4		0898 MCB	В	16	6		J				0.15		>1000		500		0.38			
3/L1	HOB					1.5 0.4		0898 MCB	В	16	6		)				0.12			>1000			0.25			
3/L2					2.5	1.5 0.4		0898 MCB	В	16	6		)				0.12				500		0.25			
3/L3	LIGHTS/CONTACTOR			9	1.5	1.0 0.4	16	0898 MCB	В	6	6		J				0.50		>1000	>1000	500	$\checkmark$	0.63			
	TRIBUTION BOARD (DB) DETAILS be completed in every case)		-	gnation of DB		hen 3rd F	Riser		ESTE	D BY		ie (capit ature:			DSON				Date:	23/08/	ctrician 2019					
Supp <b>Ove</b> i	BE COMPLETED ONLY IF THE DB Ily to DB is from: (	tion ci	rcuit	Туре:	(BS El	N		) Non	ninal v )	oltage: Rating:	( <u>240</u> ( <u>40</u>	)V )A	No.	of phase		)	(ente Mult (	r INST r serial i-functic ation re	number on:	agains	) (	Cont	inuity:	<b>ed)</b> oop imped	ance:	)
Chai	acteristics at this DB Confirmation of s	upply	polarit	ty: (	)	Phase	seque	nce confirmed (wher	re app	ropriate	e): 🔲	Zs	( <u>0.13</u>	ating time )Ω	7 ( <u>1.78</u>	) kA	Earth	n electro			) (	RCD:			r	' )
	rtificate is based on the model forms shown in a ed by Certsure LLP Certsure LLP op						Vorv	value in the respective f © Copyright Certsure				vv	nore nyt			. 20 /0/1	, 31016 300							 Page	20 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	IT 11 : SCHEDULE OF CIRCUIT DE	TAILS	S ANI	D TES	T RE	SULTS	5	Circu	uits/equipme	nt vuln	erable	to dama	age wh	en testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / ( sheathed cables	(B) Thern metal	noplastic c lic conduit	ables in t		nermoplastic on-metallic c		n (D) The	rmoplastic cables in allic trunking		hermoplast on-metallic	ic cables in trunking	(F) ™	ermoplastic	/ SWA cables	G) Therm	nosetting / S	WA cables (	H) Mineral-i	nsulated cal	bles (O	) other - state					
Der	Circuit description	gn (a	thod	served		cuit ctor csa	ction 71)		Protectiv	e device	•		RCD	nitted ed 'ice*			impedan	. ,		Insula	ation resi	stance		l earth ance, Zs	RCD operating	Te butt	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	final circuit	o end)	All cir (complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
					Live (mm <sup>2</sup> )	cpc (mm²)	_ (s)				(A)	(kA)	(mA)	(Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		(Ω)	(ms)		
1/L1	OVEN 1	А	C		2.5	1.5 0.		60898 M	-	В	20	6		0				0.17			>1000	500		0.42			
1/L2	OVEN 2	A	С		2.5	1.5 0.		60898 M		В	20	6		0				0.20				500		0.45			
1/L3	KITCHEN	A	С		2.5	1.5 0.		60898 M		В	20	6		0				0.49			>1000	_		0.74			
2/L1	FRIDGE	A	C		2.5	1.5 0.		60898 M		В	20	6		0				0.14		>1000	>1000	500		0.66			
2/L2	CLEANERS SOCKETS	A	C		2.5	1.5 O.		60898 M		В	10	6		0				0.17			>1000			0.45			
2/L3 3/L1	HEATER	A	U C		2.5	1.5 O.		60898 M		B	16	b C		U				0.35				500		0.60			
3/L1 3/L2	HOB & EXTRACTOR	Α	C C							-		0		U O				0.07			>1000			0.32			
3/L2 3/L3		A 	с С									0		0				0.11 0.40			>1000 >1000	500		0.36 0.65			
5/13	LIGHT3/CONTACTON	A         C         2.5         1.5         0.4         60898         MCB         B         16         6         0         16           A         C         2.5         1.5         0.4         60898         MCB         B         16         6         0															0.40		>1000	>1000	000	$\checkmark$	0.05			$\square$	
	TRIBUTION BOARD (DB) DETAIL be completed in every case)	0	-	gnation: 1 of DB:		hen 1st	Hoist		<sup>T</sup>	ESTE	D BY			tals): <u>M</u>	ARK HUI	DSON					ion: <u>Ele</u> : <u>23/08/</u>	ctrician 2019					
<b>T0</b>	BE COMPLETED ONLY IF THE DB	IS N	OT CO	ONNE	CTE	D DIRE	CTL	Y TO TH	IE ORIGIN	OF T	HE IN	STALI	ATIO	N				TES	T INST	RUME		t each ir	nstrur	ment us	ed)		
Sup	bly to DB is from: (								) Nor	minal v	oltage:	(	)V	No.	of phase	s: (	)		i-functio					inuity:	1		
Ove	current protection device for the distribu												)A					(	ation re	sistanci	۵.	) (	Farth	n fault lo	op imped	anco	)
Asso	ociated RCD (if any) Type: (BS EN						)	No. of	poles: (	)	<u>/</u> ∄_n	( <u>30</u>	) m/	A Oper	ating tim	e: ( <u>17.9</u>	) ms	;   (				) (	RCD:		op inped		)
Cha	racteristics at this DB Confirmation of s	supply	polarit	ty: (	)	Phase	sequ	ence cor	ifirmed (whe	re appi	ropriate	e): 🔲	Zs	( <u>0.25</u>	)Ω	7, ( <u>9.39</u>	) kA		n electro	Jue resi	stance:	) (	ncD:				)
	ertificate is based on the model forms shown in ned by Certsure LLP Certsure LLP						Vor		he respective to the respective to the test of tes				*V	Vhere fig	ure is not t	taken fron	1 BS 7671	l, state sou	rce:						 Page	21 of	106



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#### **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	T 11 : SCHEDULE OF CIRCUIT DET	AILS AN	ID TE	ST RE	SULTS	Circuits/equip	oment vu	Ine	rable t	o dama	age wh	en testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (B) sheathed cables	) Thermoplasti metallic cond	c cables in uit	(C) Th	nermoplastic cables i on-metallic conduit	in (D) Thermoplastic cab metallic trunking	bles in (E)	) The non	ermoplastic n-metallic t	c cables in runking	(F) ™	ermoplastic	/ SWA cables	s (G) Therr	nosetting / SV	VA cables (	H) Mineral-i	insulated ca	bles (O	) other - state	)				
Circuit number	Circuit description	Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served		Max. disconnection time (BS 7671)		ective dev			cuit	erating ent, I∆n DD	Maximum permitted Zs for installed protective device*		Circuit final circuit sured end t		ces (Ω) All cir (complete one co	e at least		ation res	stance Test	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs	RCD operating time	Te butte	
			Number of	Live (mm²)	(mm <sup>2</sup> ) (s)	BS (EN)		Type	(S) Rating	Short-circuit E capacity	O De (mA)	Maximur D Zs for protecti	(Line) r∄	(Neutral) rn	(cpc) rl	(R0+R0)	RI	Live / Live (MΩ)	Live / Earth (MΩ)	voltage DC (V)			(ms)	RCD	AFDD
1/L1		A C		2.5	1.5 0.4	60898 MCB	В		20	6		0				0.08		>1000	>1000	500		0.21			
1/L2 1/L3	OVEN 2 KITCHEN SOCKETS	A C		2.5 2.5		60898 MCB 60898 MCB	B		20 20	0 6		U N				0.07 0.38			>1000 >1000	500 500		0.20 0.51			
2/L1	FRIDGE	A C		2.5		60898 MCB	B		20	6		0				0.52		>1000	>1000	500		0.65			
2/L2	HEATER	A C		2.5		60898 MCB	В		16	6		0				0.23		>1000	>1000	500		0.36			
2/L3	НОВ	A C		2.5		60898 MCB	В	1	16	6		0				0.08		>1000	>1000	500	~	0.21			
3/L1	TV	A C				60898 MCB	В	1	16	6		0				0.10			>1000			0.23			
3/L2	LIGHTS/CONTACTOR	A C		1.5	1.0 0.4	60898 MCB	В	6	6	6		0				0.56		>1000	>1000	500	$\checkmark$	0.69			
פוח	TRIBUTION BOARD (DB) DETAILS	DB des	ignatic	on: DB9			I TESI	red	) BY	Nam	e (capi	tals):						Posit	ion:						
	be completed in every case)				hen 1st Riser						ature:														
	BE COMPLETED ONLY IF THE DB I					Y TO THE ORIG							of phase	es: (	)	(ente	<b>F INST</b> r serial i-functio	number	ENTS agains	t each ii	n <mark>stru</mark> Conti	ment us inuity:	ed)		
Asso	current protection device for the distributi ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of su	ion circui	: Туре	: (BS El	N)	No. of poles: (		.) Ra	ating: <u>⁄</u> 7\/n	( ( <u>30</u> _	)A )m/			ie: ( <u>22.5x</u> 77. (1.79		(	ation re n electro	ode resi	stance:	) (	RCD:		op impeda	ance:	) )
This ce Publist	rtificate is based on the model forms shown in A led by Certsure LLP Certsure LLP ope ck House, Houghton Hall Park, Houghton Regis, D	ppendix 6 c erates the N	f BS 767	71 ELECSA	Entera ( 🏑	r value in the respect © Copyright Cert	tive fields	, as	approp	riate.	23			-		, state sou							 Page	22 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	II 11 : SCHEDULE OF CIRCUIT DET	AILS	5 ANI	DIES	I KE	SULIS		Circuits/e	quipmen	t vuln	erable	to dam	age wi	nen testir	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (E) sheathed cables	3) Therm metall	ioplastic o ic condui			hermoplastic c on-metallic cor		(D) Thermoplas metallic tru	stic cables in nking	(E) TI	hermoplas on-metallic	tic cables in trunking	n (F)⊺	hermoplastic	/ SWA cables	(G) Therm	nosetting / S	WA cables	(H) Mineral-i	nsulated cal	bles (O)	) other - state	a				
mber	Circuit description	wiring des)	Method 71)	ints served		rcuit ctor csa	7671)		Protective	device	•		RCD	ermitted talled device*	Ring fi	Circuit	impedan s only	All c	ircuits	Insula	lation resis	stance	ity	ıred earth edance, Zs	RCD operating time	Te butt	est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	Max discort	time (BS 7671)	BS (EN)		Type	Rating	Short-circuit capacity	Operating current, IΔn	Maximum permitted Zs for installed protective device*	,	(Neutral)	(cpc)		te at least column)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs		RCD	AFDD
			_		(mm²)		(s)				(A)	(kA)	(mA)	(Ω)	r	rn	rl rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1/L1	DESK POWER	A	C		2.5	1.5 0.4		0898 MCB		В	20	6		1.74				0.16		>1000		500	_	0.41			<u> </u>
1/L2	TV & SCREEN	A	C		2.5	1.5 0.4		0898 MCB		В	20	6		1.74				0.26		>1000	>1000			0.51			<u> </u>
1/L3	HEATER	A	ե C		2.5	1.5 0.4		0898 MCB		Б	20	0		1.74				0.47		>1000	>1000			0.72			
2/L1 2/L2	CLOCK SPUR LIGHTS & EM	A	ե C		2.5 1.5	1.5 0.4 1.0 0.4		60898 MCB 60898 MCB		Б	10 10	0		3.49 3.49				0.12 0.98		>1000 >1000	>1000			0.37			
2/L2 2/L3	FIRE	A	с С		1.5	1.0 0.4 1.0 0.4		0898 MCB		D D	10	0		3.49 3.49				0.98		>1000	>1000			1.23			├──
2/L3 3/L1	CLEANERS POWER	0898 MCB		Þ	20	0		5.49 1.74				0.16			>1000 >1000			0.41 0.90									
3/L1 3/L2	CCTV	60898 MCB		D R	20	6		1.74 1.74				0.05			>1000			0.90									
										-075			,														
	TRIBUTION BOARD (DB) DETAILS be completed in every case)	•		gnation: n of DB:		0 EPTION			TE	STE	DBY		-	itals): <u>M</u>	ARK HUD	DSON					tion: <u>Elec</u> : 23/08/2						•••••
<u> </u>										0.5.7					< <			TEC	T INST			2019					
	BE COMPLETED ONLY IF THE DB	12 NU		JNNE					_										er serial			t each ir	nstru	ment us	ed)		
	oly to DB is from: (										oltage:	(240	)V	No.	of phase:	s: ( <u>1</u>	)	Mul	ti-functio	on:		<b>\</b>	Conti	inuity:			,
	current protection device for the distribut									) I	Rating:	(40	) A (					Insu	lation re	sistanc	e:	) (	Earth	n fault lo	op imped	ance:	)
Asso	ociated RCD (if any) Type: (BS EN						)	No. of pole	s: ( <u>1</u>	)	ſ₫∆n	( <u>30</u>	) m.	A Opera	ating time	e: ( <u>17.7</u>	) ms	( Far	th electro	de resi	istance:	) (	( RCD:				)
Chai	racteristics at this DB Confirmation of s	upply	polari	ty: (	)	Phase s	seque	ence confirme	ed (where	e appi	ropriat	e):		, ( <u>0.25</u>	)Ω	, ( <u>0.91</u>	) kA					) (					)
Publish	ertificate is based on the model forms shown in A ned by Certsure LLP Certsure LLP op ck House, Houghton Hall Park, Houghton Regis,	erates	the NIC	CEIC & EI			<b>V</b> or	value in the res © Copyrigh					*\	Vhere figu	ure is not t	aken from	n BS 7671	, state so	urce:						Page	23 of	106



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ICR18

# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PA	RT 11 : SCHEDULE OF CIRCUIT DE	TAIL	S AN	D TES	ST RE	SULT	S	Circuits/equipmer	nt vuln	erable	to dama	age wl	nen testir	ng:												
COD	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thern meta	moplastic allic condu	cables in it		nermoplasti on-metallic		n (D) Thermoplastic cables in metallic trunking	(E) T	Thermoplast non-metallic	ic cables in trunking	' (F)⊺	hermoplastic .	/ SWA cables	(G) Therm	nosetting / SV	VA cables (	H) Mineral-i	nsulated ca	ibles (O	) other - state	9				
er	Circuit description	BL (#	thod	served		cuit ctor csa	ction 71)	Protective	e device	e		RCD	nitted ed ice*			impedano	. ,		Insul	lation resi	stance		l earth ance, Zs	RCD operating	Tes butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆r	Maximum permitted Zs for installed protective device*	(measu	inal circuits ured end to	o end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
			Ľ	Nun	Live (mm <sup>2</sup> )	cpc (mm²)	≥ (s)			(A)	の (kA)	(mA)	≥ ± (Ω)	(Line) rl	(Neutral) rn	(cpc) r[]	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Σ Ω	(ms)	nob .	1.00
1/L1	OVEN 1	А	С		2.5	1.5 (	).4	60898 MCB	В	20	6		1.74				0.12		>1000	>1000	500	$\checkmark$	0.45			
1/L2	OVEN 2	А	С					60898 MCB	В	20	6		1.74				0.16			>1000	500		0.49			
1/L3	KITCHEN SOCKETS	А	С					60898 MCB	В	20	6		1.74				0.11		>1000	>1000	500		0.44			
2/L1	FRIDGE	А	С		2.5	1.5 (	).4	60898 MCB	В	20	6		1.74				0.32		>1000	>1000	500	$\checkmark$	0.65			
2/L2	SPARE																									
2/L3	HEATER A C 2.5 1.5 0.4 60898 MCB B 20 6 1.74 C 2.5 1.5 0.4 60898 MCB B 20 6 1.74 C 1.7																				0.70					
3/L1	HEATER       A       C       2.5       1.5       0.4       60898       MCB       B       20       6       1.74       Image: 10 to 10.5         HOB       A       C       2.5       1.5       0.4       60898       MCB       B       20       6       1.74       Image: 10.5       0.2         HOB       A       C       2.5       1.5       0.4       60898       MCB       B       20       6       1.74       Image: 10.2       0.2         TV       A       C       2.5       1.5       0.4       60898       MCB       B       16       6       Image: 10.2       0.1														-			>1000			0.55					
3/L2	HOB         A         C         2.5         1.5         0.4         60898 MCB         B         20         6         1.74         Image: Constraint of the state of the s														0.11						0.44					
3/L3 4/L1	HOB         A         C         2.5         1.5         0.4         60898 MCB         B         20         6         1.74         0         0.2'           TV         A         C         2.5         1.5         0.4         60898 MCB         B         16         6          0         0.2'           TV         A         C         2.5         1.5         0.4         60898 MCB         B         16         6          0         0.1'           CLEANERS         A         C         2.5         1.5         0.4         60898 MCB         B         16         6           0         0.1'														0.00						0.38 0.96					
	HEATER         A         C         2.5         1.5         0.4         60898 MCB         B         20         6         1.74         D.37         >1000         >100         >100         >100         >1000         >100         >1000         1000         >10															1000	000	v	0.00							
	TRIBUTION BOARD (DB) DETAIL be completed in every case)	.0		0	n: <u>DB1</u> 3: <u>Gro</u> i	1 und Kitu			ESTE	D BY			itals): <u>M</u>	ARK HUE	DSON				Date	: 23/08/	ctrician 2019					
TO	BE COMPLETED ONLY IF THE DB	IS N	OT C	ONNI	ECTE	D DIR	ECTL	Y TO THE ORIGIN	OF T	HE IN	STALI	LATIC	N				TES (ente	T INST		ENTS	t each iı	nstru	ment us	ed)		
								) Nom				) V	No.	of phase:	s: ( <u>1</u>	)		i-functio		. againe			inuity:			١.
	rcurrent protection device for the distribution											)A					( Insu	lation re	sistanc	:e:	) (	Earth	n fault lo	op imped	ance:	)
Ass	ociated RCD (if any) Type: (BS EN						)	No. of poles: ( <u>1</u>	)	<u>/</u> ∄_n	( <u>30</u>	) m	A Opera	ating time	e: ( <u>22.3</u>	) ms		n electro	ndo rosi	istanco:	) (	RCD:				)
Cha	racteristics at this DB Confirmation of	supply	<sup>,</sup> polari	ty: (	)	Phas	e sequ	ence confirmed (wher	e app	ropriate	e):	20		)Ω		) kA	(				) (					)
	ertificate is based on the model forms shown in ned by Certsure LLP Certsure LLP o							r value in the respective f © Copyright Certsure				*	Vhere figu	ure is not t	aken from	n BS 7671	, state sou	rce:						 Page	24 of	106

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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	TAILS	AND	) TES	ST RE	SULTS	Circuits/equipme	nt vulne	erable t	o dam	age wł	nen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (	B) Thermo metallio	oplastic ca c conduit	ables in		nermoplastic cables on-metallic conduit	in (D) Thermoplastic cables in metallic trunking	• (E) Th	nermoplasti on-metallic 1	c cables in trunking	י <b>(F)</b> דו	hermoplastic	/ SWA cables	(G) Therm	osetting / S\	WA cables (	H) Mineral-i	nsulated cal	bles (O	other - state	•				
e	Circuit description	b.	thod	served		cuit ctor csa	Protectiv	e device	1	-	RCD	iitted ed ice*			impedan	. ,		Insula	ation resi	stance		l earth ince, Zs	RCD operating	Te butt	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served		Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(measi	inal circuits ured end to	o end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
			-		Live (mm <sup>2</sup> )	(mm <sup>2</sup> ) (s)			(A)	ഗ (kA)	(mA)	≥ (Ω)	(Line) rî	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		an ≤ (Ω)	(ms)		
1/L1	OVEN 1	A			2.5	1.5 0.4	60898 MCB		20	6		1.75								500		0.27			
1/L2	OVEN 2	A			2.5	1.5 0.4	60898 MCB		20	6		1.75							>1000			0.26			
1/L3	KITCHEN SOCKETS	A						-		6 0	<u> </u>								>1000			0.39			
2/L1 2/L2	FRIDGE	A								b C	<u> </u>									500		0.48			
2/L2 2/L3		A								0 C	<u> </u>									500 500		0.38			
2/L3 3/L1	ATER       A       2.5       1.5       0.4       60898       MCB       B       20       6       1.75       Image: Constraint of the state of the sta																	>1000			0.37 0.24				
3/L1 3/L2		DGE       A       2.5       1.5       0.4       60898 MCB       B       20       6       1.75           ANERS       A       2.5       1.5       0.4       60898 MCB       B       20       6       1.75           ATER       A       2.5       1.5       0.4       60898 MCB       B       20       6       1.75           3       A       2.5       1.5       0.4       60898 MCB       B       20       6       1.75           3       A       2.5       1.5       0.4       60898 MCB       B       16       6       2.2           4       2.5       1.5       0.4       60898 MCB       B       16       6       2.2           4       2.5       1.5       0.4       60898 MCB       B       16       6       2.2																		500		0.24 0.42			
3/L3	HOB         A         2.5         1.5         0.4         60898 MCB         B         16         6         2.2           2         TV         A         2.5         1.5         0.4         60898 MCB         B         16         6         2.2																		>1000			0.81			
(to l	FRIBUTION BOARD (DB) DETAIL be completed in every case)	Loo	cation	of DB	:					Sign	ature:	MA		DSON				Date:	23/08/	ctrician 2019					
Supp <b>Ove</b> r	current protection device for the distribu	ition cii	rcuit	Туре:	(BS E	N	) Non	minal vo ) F	oltage: Rating:	( <u>240</u> (	)V )A	No.	of phase:		)	(enter Multi (	r serial function ation re	number on:	agains	) (	Conti	inuity:	<b>ed)</b> oop imped	ance:	)
Char	ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of s	supply p	oolarit	y: (	)						Zs	, ( <u>0.11</u>	)Ω	7 ( <u>2.02</u>	) kA	Eartr				) (					) )
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP op						or value in the respective f © Copyright Certsure				*	Vhere fig	ure is not t	aken from	BS 7671	, state sou	rce:						 Page	25 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	ETAILS AN	ID TEST	RESULTS	Circuits	/equipment v	ulner	able t	to dama	age when test	ing:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic metallic condu	cables in (	C) Thermoplastic ca	bles in (D) Thermop luit metallic f	lastic cables in (E trunking	E) Ther	rmoplasti -metallic 1	c cables in trunking	(F) Thermoplasti	c / SWA cables	s (G) Thern	nosetting / S	WA cables (	H) Mineral-i	insulated ca	ibles (O)	) other - state	e				
lber	Circuit description	ring ss) ethod 1)	ser	Circuit onductor csa	371)	Protective de	evice			g mitted *vice*	Ring	Circuit final circuit	impedan s only	. ,	rcuits	Insul	ation resi	stance	-	ed earth dance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points	ax. disconn	time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n Maximum permitted Zs for installed protective device*		sured end t			e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs		RCD	4500
		L L	3 1	Live cpc ≥ mm²) (mm²) (s				(A)	あ (kA)	(mA) (Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ω)	(ms)	RCD	AFDD
1/L1	ROOM SOCKETS	A C	4 2.	5 1.5 0.4	60898 MCB	В	6 1	6	6	2.18				0.41		>1000	>1000	500	$\checkmark$	0.59			
1/L2	HEATER	A C	12.		60898 MCB			6	6	2.18				0.18				500		0.36			
1/L3	CONTACTOR / LIGHTS	A C	31.	5 1 0.4	60898 MCB	В	6	i	6	2.18				0.67		>1000	>1000	500	$\checkmark$	0.85			
(to l	TRIBUTION BOARD (DB) DETAIL be completed in every case)	Location	ignation: n of DB: ;	SH 6					Sign	e (capitals): <u>N</u> ature: MA		DSON			TINST	Date	: <u>23/08/</u> 2	ctrician 2019					
Supp	BE COMPLETED ONLY IF THE DE Ily to DB is from: (					) Nomina	al volt		(240		. of phase	es: ( <u>1</u>	)	(ente Mult	ti-function	number on:	r agains	) (	Conti	inuity:	ed) oop imped	anco.	)
	ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of									)mA Ope <sub>Zs</sub> ( <u>0.18</u>			) ms ) kA	; ( Eart	h electro			) (	RCD:				) )
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP 0				For value in the r © Copyrig	espective field ght Certsure LL				*Where fig	gure is not	taken fron	n BS 7671	l, state sou	ırce:						 Page	26 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	ETAILS AND TE	ST RESULTS	Cir	cuits/equipmen	ıt vuln	nerable	to dama	age when testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	n (C) Thermoplastic cabl non-metallic condu	es in (D) T	Thermoplastic cables in netallic trunking	(E) T	Thermoplast non-metallic	ic cables in trunking	n (F) Thermoplastic	/ SWA cables	s (G) Therr	nosetting / S	WA cables (	H) Mineral-i	insulated cal	bles (O	) other - state	e				
umber	Circuit description	Type of wring (see Codes) Reterance Method (BS 7671) umber of points served	Circuit conductor csa		Protective	device	e		ating t, IΔn permitted stalled tetvice*		Circuit final circuit sured end t		ces (Ω) All cir (complet		Insula	ation resi	stance	rity	sured earth pedance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	Live cpc (mm <sup>2</sup> ) (mm <sup>2</sup> ) (s)		BS (EN)	Type	(A) Rating	A) Short-circuit (E) capacity	Operating     Operating     Maximum permitted     Zs for installed     protective device*	(Line)	(Neutral)	(cpc)	(RI+RI)	olumn) RI	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC	Polarity	Max. measured earth Bault loop impedance, Zs	(ms)	RCD	AFDD
1/L1	ROOM SOCKETS	A C 4	2.5 1.5 0.4	60898	МСВ	В	16	(KA) 6	2.18	ru	m	ru	0.49	R	>999	>999	500	~		(ms)		
1/L2	HEATER	A C 1	2.5 1.5 0.4	60898 I	МСВ	В	16	6	2.18				0.17		>999	>999	500		0.46			
1/L3	CONTACTOR / LIGHTS	A C 3	1.5 1 0.4	60898 I	МСВ	В	6	6	5.82				0.46		>999	>999	500	$\checkmark$	0.75			
	TRIBUTION BOARD (DB) DETAIL					ESTE	ED BY		ne (capitals): <u>M</u>		DSON						ctrician					
<u> </u>	be completed in every case)	Location of D							ature: MM	K						23/08/	2019					
<b>TO</b>	BE COMPLETED ONLY IF THE DE	B IS NOT CONN	NECTED DIRECT	LY TO T	THE ORIGIN	OF T	HE IN	STALI	LATION				TES (ente	T INST	RUME	ENTS agains	t each ir	nstrun	ment us	ed)		
									)V No.	of phase	es: (	)		i-functio				Contir				,
	current protection device for the distrib						Rating:		A()				l ( Insu	lation re	sistanc	e:	) (	Earth	fault lo	op impeda	ance:	)
Asso	ciated RCD (if any) Type: (BS EN			.) No. (	of poles: (	)	<u>/</u> ∄∆ n	( <u>30</u>	) mA Oper	ating tim	ne: ( <u>18.2</u>	) ms	;   ( Fartl		ode resi	stanco.	) (	( RCD:				)
Char	acteristics at this DB Confirmation of	supply polarity: (	) Phase se	quence co	onfirmed (where	e app	ropriate	e):	<sub>Zs</sub> (0.29	)Ω	⑦ (8.47	) kA		1 0100111			) (	(				)
	rtificate is based on the model forms shown ir ed by Certsure LLP Certsure LLP	n Appendix 6 of BS 76 operates the NICEIC &	· · · ·		n the respective fi opyright Certsure				*Where fig	ure is not	taken fron	n BS 767	, state sou	rce:						 Page	27 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PA	T 11 : SCHEDI	JLE OF CIRCUIT D	ETAIL	S AND	TES	T RE	SULT	S	Cir	rcuits/eq	uipment	t vuln	erable	to dam	age wl	nen testi	ng:												
COD	S For Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Therr	noplastic ca Ilic conduit	ables in	(C) The	ermoplasti n-metallic	ic cables ir conduit	י <b>(D)</b>	Thermoplastic metallic trunki	c cables in ting	(E) TI	'hermoplas ion-metallio	itic cables i c trunking	n <b>(F)</b> ⊺	hermoplastic	/ SWA cables	s (G) Therr	nosetting / SW	/A cables (	H) Mineral-i	insulated cal	bles (O)	other - state	е				
umber	Circ	uit description	wiring des)	Method 371)	ints served	Circ conduc		nnection 7671)		Ρ	Protective	device	e		DDR T I D U D U D U D U D U D U D U D U D U U D D U D D U D D U D	bermitted stalled device*		Circuit final circuit sured end t		es (Ω) All cir (complete		Insula	ation resi	stance	ity	ured earth bedance, Zs	RCD operating time	Te butte	
Circuit number			Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	срс	Max. disconnection time (BS 7671)		BS (EN)		Type	Rating	Short-circuit capacity	Operating current, IΔn	pro Z		(Neutral)	(cpc)	one co	olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Dault loop impedance, Zs		RCD	AFDD
1/L1	ROOM SOCKETS	1	Δ	C		(mm²)	(mm²)	(s) ).4	60898	MCB		В	(A) 16	(kA)	(mA)	<u>(Ω)</u> 2.18	rD	rn	rl	(RI+RI)	RI	(MΩ) >999	(MΩ) >999	(V) 500		<u>(ດິ)</u> 0.56	(ms)		
1/L2	HEATER	,	A	C					60898			B	16	6		2.18								500		0.48			
1/L3	CONTACTOR / L	GHTS	A	С				).4	60898	MCB		В	6	6		5.82						>999	>999	500	$\checkmark$	0.47			
DIG			ue D	B desia	nation	: DB1	5				ı TE	STE	D BY	Nan	ne (cap	itals): M	ARK HU	DSON				Positi	ion: Ele	ctrician					
	(to be completed in every case)       Location of DB: SH 3         TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRI         Supply to DB is from: (															MA							23/08/2						
	(to be completed in every case)       Location of DB: SH 3         TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECT         Supply to DB is from: (																			ente (ente	r serial	RUME	ENTS agains				ed)		
	•									)V	No.	of phase	es: (	)	Mult	i-functio	on:		\ <i>\</i>	Conti	inuity:			١					
	DISTRIBUTION BOARD (DB) DETAILS       DB designation: DB15         (to be completed in every case)       Location of DB: SH3         TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DII         Supply to DB is from: (												Rating:		) A					Insu	lation re	sistanc	e:		Earth	ı fault lo	op impeda	ance:	/
Ass	ociated RCD (if an	y) Type: (BS EN		)	No.	of poles:	: (	)	<u>/</u> ∄_n	(	) m.	A Oper	ating tim	ie: ( <u></u>	) ms	Eartl	1 electro	ode resi	stance:	) (	RCD:				)				
Cha	acteristics at this	<b>DB</b> Confirmation o	Phase	e sequ	ence c	onfirmed	d (where	e appi	ropriat	ie): 🗖	·		)Ω (	r	) kA	(					(				)				
						n the resp Copyright (					*	Vhere fig	ure is not	taken fror	n BS 7671,	state sou	rce:						 Page	28 of	106				

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



ICR18

# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAR	T 11 : SCHEDULE OF CIRCUIT DI	ETAILS A	ND TE	ST RE	SULTS	Ci	ircuits/equipme	nt vuln	erable	to dam	nage w	hen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplas metallic cor	stic cables i nduit	" (C) T	hermoplastic cables on-metallic conduit	in (D)	Thermoplastic cables in metallic trunking	(E) T	'hermoplas ion-metalli	stic cables i c trunking	<sup>in</sup> (F) 1	l hermoplastic	/ SWA cables	s (G) Therr	nosetting / S	WA cables (	H) Mineral-	insulated cal	bles (O	) other - stat	te				
Der	Circuit description			Ci	rcuit		Protective	e device	9		RCD	nitted led vice*			impedan	. ,		Insula	ation res	istance		d earth ance, Zs	RCD operating time	Te butte	
Circuit number		Type of wiring (see Codes) Reference Method	(BS 7671) Number of points served		lax. disconnection time (BS 7671)		BS (EN)	Type	Rating	Short-circuit capacity	Operating current, ΙΔn	Maximum permitted Zs for installed protective device*	(meas	final circuit sured end t	o end)	All ci (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	ume	PCD	AFDD
		œ.	Num	Live (mm <sup>2</sup> )	cpc ≥				(A)				(Line) rl	(Neutral) rn	(cpc) r[]	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ω)	(ms)	RCD	AFUU
1/L1	ROOM SOCKETS	A C	4	2.5	1.5 0.4	60898	MCB	В	16	6	(	2.18				0.42		>999	>999	500			(		
	HEATER	A C	1					В	16	6		2.18				0.23		>999	>999	500					
1/L3	CONTACTOR / LIGHTS	A C	3	1.5	1 0.4	60898	MCB	В	6	6		5.82				0.38		>999	>999	500	<b>√</b>	0.65			
I/L1       ROOM SOCKETS       A       C       A       C       A       D       15       D.4       Poses       P																									
Supp	ly to DB is from: (						) Non	ninal v	oltage:	: (	) V	No.	of phase	es: (	)		<b>r serial</b> i-functio		agains			i <b>ment us</b> tinuity:	sed)		
· · ·		TION BOARD (DB) DETAILS       DB designation: DB16       TESTED BY       Name (capitals): MARK HUDSON         pleted in every case)       Location of DB: SH4       Signature:       MMC         WPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION       is from: ()       Nominal voltage: ()V       No. of phases: ()         protection device for the distribution circuit       Type: (BS EN)       No. of poles: () (30)mA       Operating time: (14X1)ms													(				) (	(				)	
		OCKETS         A         C         4         2.5         1.5         0.4         80898         MCB         B         16         6         2.18         0.42           A         C         1         2.5         1.5         0.4         80898         MCB         B         16         6         2.18         0.42           TOR / LIGHTS         A         C         1         2.5         1.5         0.4         80898         MCB         B         16         6         2.18         0.42           TOR / LIGHTS         A         C         3         1.5         1         0.4         80898         MCB         B         6         6         2.18         0.38           ION BOARD (DB) DETAILS         DB designation: DB16														;   (		esistanc		) (	(		oop imped	ance:	)
Char	acteristics at this DB Confirmation of	i supply pol	arity: (	)	Phase sequ	uence d	confirmed (whe	re app								Eart	h electro	ode resi	stance:	)	RCD: (	:			)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP c						in the respective f Copyright Certsure						′	r	n BS 7671	l, state sou	irce:						 Page	29 of	106

Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX



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ICR18

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

# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	T 11 : SCHEDULE OF CIRCUIT DE	TAILS AND TI	EST RESU	LTS	Circuits	/equipmen	t vuln	erable	to dama	age when te	sting:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables metallic conduit	in (C) Thermor	olastic cables in allic conduit	(D) Thermop metallic	lastic cables in trunking	(E) Th	hermoplast on-metallic	tic cables in c trunking	(F) Thermopla	stic / SWA cabl	les (G) Thermo	osetting / S	WA cables (	H) Mineral-i	insulated cab	oles (O	) other - stat	e				
umber	Circuit description	of wiring Codes) ce Method 7671) points served	Circuit conductor c	es nnection 7671)	•	Protective	device	e		ting I An ermitted stalled	Ring	Circuit in g final circuits asured end to		ces (Ω) All cir (complete		Insula	ation resi	istance	ity	ured earth edance, Zs	RCD operating time	Te: butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671) Number of points serve	Live cp	Max. disconnection time (BS 7671)		BS (EN)	Type	-	Short-circuit capacity	Operating current, IΔn Maximum permitted nontective device*		(Neutral)	(cpc)	one co	lumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs		RCD	AFDD
1/L1	ROOM SOCKETS	A C 4	(mm <sup>2</sup> ) (mn 2.5 1.5	<sup>12)</sup> (s) 0.4 6	0898 MCB		В	(A) 16	(kA) 6	(mA) (Ω) 2.18	r	rn	r[]	(R0+R0) 0.45	RI	(MΩ) >999	(MΩ) >999	(V) 500		( <u>Ω)</u> 0.61	(ms)		
1/L2	HEATER	A C 1	2.5 1.5		0898 MCB		В	16	6	2.18				0.30			>999	500	· ·	0.46			
1/L3	CONTACTOR / LIGHTS	A C 3	1.5 1	0.4 6	0898 MCB		В	6	6	5.82				0.44		>999	>999	500	$\checkmark$	0.60			
	TRIBUTION BOARD (DB) DETAIL be completed in every case)	S DB designat Location of I					ESTE	D BY		e (capitals): ature: M		UDSON					on: <u>Ele</u> 23/08/	ctrician. 2019					
ТО	<b>3E COMPLETED ONLY IF THE DB</b>	IS NOT CONI	NECTED D	IRECTLY	TO THE	ORIGIN	OF TI	HE IN	STAL	LATION				TES	T INST	RUME	NTS						
											o. of phas	ses: ( <u>1</u>	)		r serial i i-functio	number on:	agains	t each i		ment us inuity:	ed)		
Over	current protection device for the distribu					Rating:		)A				(		sistance		)	(		op impeda		)		
Asso	ciated RCD (if any) Type: (BS EN			)	No. of po	les: ( <u>1</u>	)	/ <b>1</b> \]n	( <u>30</u>	)mA Op	erating ti	me: ( <u>13.7</u>	) ms					)	(		op inpedi	aiice.	)
	acteristics at this DB Confirmation of									<sub>Zs</sub> ( <u>0.16</u>	<u>β</u> )Ω		) kA		n electro	ode resis	stance:	) (	RCD: (				)
This or	rtificate is based on the model forms shown in	Appendix 6 of PS 7	671 Ento	ral Var	value in the r	aspactivo fi	ماطع مر	e annro	nriato			pr ot taken from		, state sou	rce:							Г	
11115 66		perates the NICEIC				aht Certsure					<b>U</b>										 Page	30 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	T 11 : SCHEDULE OF CIRCUIT D	ETAILS AND TE	ST RESULTS	Circuits/equipme	ent vulnerable	to dam	age when testi	ng:										
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	n (D) Thermoplastic cables metallic trunking	in (E) Thermoplas	stic cables in ic trunking	• (F) Thermoplastic	/ SWA cables	(G) Thermosetting	/ SWA cables	H) Mineral-	insulated cal	bles (O)	other - state	e			
Circuit number	Circuit description	Type of wiring (see Codes) (see Codes) (BS 7671) Number of points served	Circuit conductor csa discommedia time (BS 7671)		ive device	sircuit city	Operating current, IΔn Maximum permitted Zs for installed protective device*	Ring fir (measu	Circuit impedanal circuits only ured end to end)	All ci (complet	rcuits e at least olumn)		ation resi	Test	Polarity Max. measured earth Sault loop impedance, Zs	RCD operating time	Te butt	est tons
		Typ (se (E (E	Live cpc ≥ (mm²) (mm²) (s)	BS (EN)	Type E Rating	<ul> <li>Short-circuit</li> <li>Capacity</li> </ul>	(mA) (Ω)	(Line) ( r0	(Neutral) (cpc) rn rl	(RI+RI)	RI	Live (MΩ)	Earth (MΩ)	voltage DC (V)		(ms)	RCD	AFDD
1/L1 1/L2	ROOM SOCKETS			60898 MCB	B 16	6	2.18			_	0.25			500	✓ 0.41			$\vdash$
1/L2 1/L3	HEATER CONTACTOR / LIGHTS			60898 MCB 60898 MCB	B 16 B 6	0 6	2.18 5.82				0.23 0.33			500 500	✓ 0.39 ✓ 0.49			┝──┦
1/L3			1.0 I U.4		u u	٢	p.02				0.00	2333	>333	500	V 0.49			$\square$
(to	TRIBUTION BOARD (DB) DETAI be completed in every case) BE COMPLETED ONLY IF THE DI	Location of D	B: <u>SH 1</u>			Sign	e (capitals): M ature: MM		ISON		TINST	Date:	ion: <u>Elec</u> 23/08/; NTS	2019				
								of phases	s: ( <u>1</u> )		e <b>r serial</b> ti-functio		agains		n <mark>strument u</mark> Continuity:	sed)		
	current protection device for the distril						)A			(		esistance		) (				)
	ciated RCD (if any) Type: (BS EN					(30	)mA Oper	ating time	e: (3.6 ) n	ns (				) (	Earth fault l	оор іпреа	ance:	)
	acteristics at this DB Confirmation of							-			h electro	ode resi	stance:	) (	RCD:			)
									<i>f</i> ` aken from BS 76						·			
	rtificate is based on the model forms shown i ed by Certsure LLP Certsure LLP	n Appendix 6 of BS 76 operates the NICEIC 8		value in the respective © Copyright Certsu			where fig		aven nom p9 /0	i, sidle sol						 Page	31 of	106



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ICR18

# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS AND TE	ST RESULTS	Circuits/equipme	nt vulnerable t	o dama	ige when testi	ng:									
COD	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	n (E) Thermoplastic non-metallic t	c cables in trunking	(F) Thermoplastic	/ SWA cables	(G) Thermosetting	SWA cables (H) Mine	ral-insulated c	ables (O)	other - state	e			
Circuit number	Circuit description	Type of wining (see Codes) Reference Method (BS 7671) Number of points served	Circuit conductor csa Wax. disconnectio time (BS 2021)	Protective		ircuit	Operating current, IΔn Maximum permitted Zs for installed Zs for installed protective device*		Circuit impeda nal circuits only red end to end)	All circuits (complete at lea one column)	ist	Ilation resi	stance Test	Polarity Max. measured earth Sault loop impedance, Zs	RCD operating time	Te butt	
			(mm <sup>2</sup> ) (mm <sup>2</sup> ) (s)	BS (EN)	Type (E) Rating	A Short-circuit C capacity	(mA) (Ω)	(Line) ( r⊡	Neutral) (cpc) rn rl	(RI+RI) RI		Earth (MΩ)	voltage DC (V)		(ms)	RCD	AFDD
1/L1 1/L2	ROOM SOCKETS HEATER	A C 4		0898 MCB	B 16	6 C	2.18			0.40	>1000		500	✓ 0.80			
1/L2 1/L3	CONTACTOR / LIGHTS	A C 1 A C 3	-	0898 MCB	B 16 B 6	0 6	2.18 5.82			0.29 0.44	>1000 >1000			✓ 0.69			
1/L3		μισ	1.0 I U.4 0		p 0	υ	0.82			V.44	>1000	P1000	500	✓ 0.84			
(to	TRIBUTION BOARD (DB) DETAIL be completed in every case)	Location of D	B: <u>SC 6</u>		TESTED BY	Signa	e (capitals): M hture:		SON		Date	tion: <u>Ele</u> 23/08/					
	BE COMPLETED ONLY IF THE DE									TEST IN: (enter seri	al numbe	ENIS ragains			ised)		
Sup	ply to DB is from: (			) Non	mınal voltage:	(240	)V No.	of phases	: ( <u>1        </u> )	Multi-fund	tion:			Continuity:			,
	rcurrent protection device for the distrib				) Rating:	(40	)A			Insulation	resistanc	ce:	) (	Earth fault	loop imped	ance:	)
Ass	ociated RCD (if any) Type: (BS EN		)	No. of poles: ( <u>1</u>	) <u>1</u> 1	(30	)mA Oper	ating time	: ( <u>18.1</u> ) n	ns ( Earth elec	trode res	istance.	) (	RCD:			)
Cha	racteristics at this DB Confirmation of	supply polarity: (	) Phase seque	nce confirmed (whe	re appropriate	):	<sub>Zs</sub> ( <u>0.40</u>	)Ω	<sub>f</sub> ( <u>0.58</u> ) k				) (				)
	ertificate is based on the model forms shown ir ned by Certsure LLP Certsure LLP o	n Appendix 6 of BS 76 operates the NICEIC &	· •	value in the respective f © Copyright Certsure			*Where figu	ure is not ta	iken from BS 76	71, state source:					 Page	32 of	106



ICR18

# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAF	T 11 : SCHEDULE OF CIRCUIT D	ETAILS AND TE	ST RESULTS	Circuits/equipme	ent vulnerable	to dam;	age when testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	n (D) Thermoplastic cables metallic trunking	in (E) Thermoplas	tic cables in c trunking	• (F) Thermoplastic	/ SWA cables	(G) Thermo	osetting / SV	/A cables (H)	Mineral-in	nsulated cab	oles (O)	other - state	e				
Circuit number	Circuit description	Type of wiring (see Codes) (see Codes) (BS 7671) Number of points served	Circuit conductor csa discommedia time (BS 7671)		ive device	tircuit city	Operating current, IAn Maximum permitted Zs for installed protective device*	Ring fi (measi	Circuit in inal circuits ured end to	mpedanc only end)	ees (Ω) All circu (complete a one colu	at least	Insula	ation resi	Test	Polarity	Max. measured earth Bault loop impedance, Zs	RCD operating time	Te butt	
		Typ (se (E (E	Live cpc ≥ (mm²) (mm²) (s)	BS (EN)	Type E Rating	A Short-circuit (S capacity	(mA) (Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(RI+RI)	RI	Live (MΩ)	Earth (MΩ)	voltage DC (V)			(ms)	RCD	AFDD
1/L1 1/L2	ROOM SOCKETS			60898 MCB	B 16	6	2.18				0.41				500	<u> </u>	1.00			
1/LZ 1/L3	HEATER CONTACTOR / LIGHTS			60898 MCB 60898 MCB	B 16 B 6	6	2.18 5.82				0.38 0.35				500 500		0.87 0.94			
1/L3			1.0 I U.4		рр	۳	0.02				0.00		-333	-333	500	$\checkmark$	U.J4			
(to	TRIBUTION BOARD (DB) DETAI be completed in every case) BE COMPLETED ONLY IF THE DI	Location of D	B: <u>SC 5</u>			Sign	ne (capitals): M ature: MM		DSON		TEST	INST	Date:	23/08/2						
								of phase	s: (	)	(enter s Multi-f			agains	t each ii	nstrun Contii		ed)		
	current protection device for the distrib										( <u> </u>		sistance		) (	(	·	op impeda	near	)
Asso	ciated RCD (if any) Type: (BS EN		)	No. of poles: (	)////////////////////////////////	( <u>30</u>	)mA Oper	ating time	e: ( <u>18.4X1</u>	l) ms	(				) (	(		oh mheg	ance.	)
	acteristics at this DB Confirmation of										Earth e	electro	de resis	stance:	) (	RCD: (				)
This ::	wifingto in board on the model former -b	n Annondiu 6 of D0 70	71 Enter of 14	unaliza in the years - the	fielde en er						state sourc	e.							ſ	
	rtificate is based on the model forms shown i ed by Certsure LLP Certsure LLP	n Appendix 6 of BS 76 operates the NICEIC 8		value in the respective © Copyright Certsu			where light			207071,								 Page	33 of	106

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

# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	TAILS AND TE	ST RESULTS	Circuits/equipment vulnerable to damage when testing:																		
CODE	S For Type of wiring (A) Thermoplastic insulated / ( sheathed cables	B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	n (E) Thermoplastic o non-metallic tru	Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables			WA cables (H) Mineral-	insulated cab	oles (0) of	other - state										
Circuit description		Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	Circuit conductor csa wax disconnection time (BS 7671)		ve device	Short-circuit capacity Operating current, I.An Maximum permitted Z s for installed protective device*	Circ Ring final circ (measured er		ces (Ω) All circuits (complete at least one column)	Insula	ation resista	Test	Polarity Max. measured earth Sault loop impedance, Zs	RCD operating time	Te butt							
Circ		Type (se (Befere (B	Live cpc (mm <sup>2</sup> ) (mm <sup>2</sup> ) (s)	BS (EN)		(b) Short-circuit (b) Capacity (c) Capacity (c) Capartir (c) Capartir Maximum pe D Zs for inste	(Line) (Neutr	al) (cpc) r[]	(RI+RI) RI	Live (MQ)	Earth (MΩ)	voltage DC (V)	Max. m	(ms)	RCD	AFDD						
1/L1	ROOM SOCKETS	A C 4		60898 MCB	B 16 6	2.18			0.44		>1000 5		✓ 0.88	(								
1/L2	HEATER	A C 1		60898 MCB	B 16 6	2.18			0.30		>1000 5		✓ 0.74									
1/L3	CONTACTOR / LIGHTS	A C 3	1.5 1 0.4	60898 MCB	B 6 6	5.82			0.46	>1000	>1000 5	500	✓ 0.90									
	TRIBUTION BOARD (DB) DETAIL be completed in every case)	S DB designatic Location of DI				Name (capitals): <u>N</u> Signature:					ion: <u>Elect</u> 23/08/20											
<b>T0</b>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION											TEST INSTRUMENTS (enter serial number against each instrument used)										
Supp	ly to DB is from: (			) Nor	minal voltage: (2	240)V No	. of phases: ( <u>2</u>	)	Multi-functio		-9-11011		Continuity:									
Over	current protection device for the distribu	<b>ition circuit</b> Type	e: (BS EN		) Rating: (4	10) A			( Insulation re	sistance	e:	) (. F	Farth fault I	loop imped	ance.	)						
Asso	ciated RCD (if any) Type: (BS EN		)	No. of poles: ( <u>2</u>	) <u>A</u> n (3	30)mA Ope	rating time: ( <u>18</u>	<u>2</u> )ms				) (				)						
Char	Characteristics at this DB Confirmation of supply polarity: () Phase sequence confirmed (where appropriate):											۲ ) (	RCD:			)						
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP of	Appendix 6 of BS 767 perates the NICEIC &		value in the respective t © Copyright Certsure			gure is not taken f		I, state source:					 Page	34 of	106						



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## **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PA	RT 11 : SCHEDULE OF CIRCUIT DE	Ci	Circuits/equipment vulnerable to damage when testing:																						
CODES For Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in non-metallic conduit (C) Thermoplastic cables in non-metallic conduit							(D) Thermoplastic cables in (E) Thermoplastic cables in (F metallic trunking				n (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state														
umber	Circuit description			Ci	lax. disconnection time (BS 7671)		Prote	ective devic	ce		t, IAn	bermitted stalled device*	Circuit impedanc Ring final circuits only (measured end to end)		ces (Ω) All circuits (complete at least		Insul	ation resi	stance	rity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs	RCD operating time	Te butte		
Circuit number		Type of wiring (see Codes) Reference Metho	Reference wethod (BS 7671) Number of points served	Live	cpc 2		BS (EN)	Tvpe		ۍ ۲	Opera	Maximum permitted Zs for installed protective device*	(Line)	(Neutral)	(cpc)	one co	olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. meas fault loop im		RCD	AFDD
1/L1	ROOM SOCKETS	A C	4	(mm <sup>2</sup> ) 2.5	(mm²) (s) 1.5 0.4	60898	MCB	В	(A) 16	(kA)	(mA)	<u>(Ω)</u> 2.18	rD	rn	rl	(R0+R0) 0.40	RI	(MΩ) >999	(MΩ) >999	(V) 500		(Ω) 0.88	(ms)		
1/L2	HEATER	A C	1	2.5	1.5 0.4	60898		B	16	6		2.18				0.30		>999		500		0.73			
1/L3	CONTACTOR / LIGHTS	A C	3	1.5	1 0.4	60898	-	В	6	6		5.82				0.48				500		0.91			
(to	STRIBUTION BOARD (DB) DETAIL be completed in every case)	Loca	designati ation of D	)B: <u>SC</u> (	3					Sigr	nature:	MA	ARK HUI	DSON		) <b>TFS</b>	TINST		ion: <u>Ele</u> : 23/08/2 FNTS						
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION         Supply to DB is from:       ) Nominal voltage:       )V       No. of phases:       )												ente (ente	r serial	number	agains	t each ii		ment us inuity:	ed)						
Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: ()A												(				) (	(	, ,			)				
Associated RCD (if any) Type: (BS EN) No. of poles: () <u>A</u> n (30)mA Operating time: (14.2)ms														esistanc		) (	(		op impeda	ance:	)				
	<b>Characteristics at this DB</b> Confirmation of supply polarity: () Phase sequence confirmed (where appropriate): $\Box_{Zs}$ (0.43												Eart	h electro	ode resi	stance:	) (	RCD: (				)			
	ertificate is based on the model forms shown in hed by Certsure LLP Certsure LLP o				Enter a ( 🗳 A brands		in the respect Copyright Cert						/		n BS 7671	, state sou	irce:						 Page	35 of	106

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# **ELECTRICAL INSTALLATION CERTIFICATE**

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS							Circuits/equipment vulnerable to damage when testing:																	
CODES For Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit							Thermoplastic cabl metallic trunking	<sup>les in</sup> (E)	Thermoplastic cables in non-metallic trunking		n <b>(F)</b> Thermoplastic	: / SWA cable:	s (G) Ther	mosetting / S	WA cables (	A cables (H) Mineral-insulated cables (O) other - stat					je			
Circuit description		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circu				ective devic		e ircuit	Operating Current, IΔn Maximum permitted Zs for installed Zs for installed		Circuit impedan Ring final circuits only (measured end to end)		ances (Ω) All circuits (complete at least one column)		Insul	ation resi	Test	Polarity	الله المراجع الم المراجع المراجع ا مراجع المراجع ال مراجع المراجع المراجع المراجع المراجع	operating	Te: butto	
Circ		Type (se Refere (B	Number o	Live mm²) (I	cpc (s)		BS (EN)	Tvne	A) I Ape	_ بې	(U) (Am)	(Line) r1	(Neutral) rn	(cpc) r[]	(RI+RI)	RI	Live / Live (MΩ)	Enver Earth (MΩ)	voltage DC (V)	Ľ	Max. m D <sup>f</sup> ault loop	(ms)	RCD	AFDD
1/L1	ROOM SOCKETS	A C	4 2	.5 1.	.5 0.4	60898		В	16	6	2.18				0.44		>1000	>1000	500	$\checkmark$				
1/L2	HEATER	A C				60898		В	16	6	2.18				0.31		>1000	>1000		$\checkmark$				
1/L3	CONTACTOR / LIGHTS	A C	31	.5 1	0.4	60898	MCB	В	6	6	5.82				0.71		>1000	>1000	500	$\checkmark$	1.10			
	FRIBUTION BOARD (DB) DETAIL completed in every case)	S DB desi Locatio	-					TEST	ED B		ne (capitals): <u>M</u> ature:		DSON					ion: <u>Ele</u> : <u>23/08/</u>						
ТО	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION											TES	T INST	RUM	ENTS									
	ly to DB is from: (											of phase	es: (	)		r serial ti-functio		agains		nstrun Contii		ed)		
	current protection device for the distribu									g: (40	)A	P	`		(				) (	(				)
	ciated RCD (if any) Type: (BS EN											atina tim	ne: (13.6	) ms		lation re	esistanc	e:	) (	Earth	tault lo	op impeda	ance:	)
Associated RCD (if any)       Type: (BS EN)       No. of poles: ()       mA Operating time: (13.6)ms         Characteristics at this DB       Confirmation of supply polarity: ()       Phase sequence confirmed (where appropriate):											Eart	Earth electrode resistance: RCD:												
×110 C -												<i>,</i>											/	
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP or	ie in the respective fields, as appropriate. *Where figure is not taken from BS 7671, state source: © Copyright Certsure LLP (July 2018) Page 36										36 of	106											



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PA	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS AND TE	ST RESULTS	Circuits/equipme	ent vulnerable t	o damage	when testir	ng:										
COD	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables i metallic trunking	in (E) Thermoplastic non-metallic t	c cables in ( runking	F) Thermoplastic /	SWA cables	(G) Thermosettir	g / SWA cables	(H) Mineral	-insulated ca	ables (O	) other - stat	9			
Circuit number	Circuit description	Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	Circuit conductor csa Wax. disconnectio time (BS 2021)		ive device		current, IZn O Maximum permitted Zs for installed protective device*		Circuit impe al circuits only red end to end	Al ) (comp	circuits lete at least column)		lation resi	stance Test	Polarity Max. measured earth Sault loop impedance, Zs	RCD operating time	Te butt	
			(mm <sup>2</sup> ) (mm <sup>2</sup> ) (s)	BS (EN)	Type E Rating	Sho	nA) (Ω)	(Line) ( rl	Neutral) (cp rn r	l (RI+F	]) RI	Live (MΩ)	Earth (MΩ)	voltage DC (V)		(ms)	RCD	AFDD
1/L1	ROOM SOCKETS	A C 4		60898 MCB	B 16	6	2.18			0.46	_	>1000		500	✓ 0.84			
1/L2		A C 1		60898 MCB	B 16	6	2.18			0.31	_	>1000	>1000		✓ 0.69			
1/L3	CONTACTOR / LIGHTS	A C 3	1.5 1 0.4 6	60898 MCB	B 6	0	5.82			0.40		>1000	>1000	puu	✓ 0.78			
(to	TRIBUTION BOARD (DB) DETAIL be completed in every case) BE COMPLETED ONLY IF THE DE	Location of D	B: <u>SC 1</u>		TESTED BY	Signatu	capitals): <u>M.</u> re: M.A		SON		ST INS	Date	tion: <u>Ele</u> : <u>23/08/</u>					
								fabooo	. /1	(ei	ter serial	numbe	r agains		nstrument i	ised)		
· ·								of phases	· ( <u>1</u>		ulti-functi	on:		)	Continuity:			)
	current protection device for the distrib						)A			\    In	sulation r	esistanc	:e:		Earth fault	loop imped	ance:	
Ass	ciated RCD (if any) Type: (BS EN		)	No. of poles: ( <u>1</u>	) <u>A</u> n	(30	)mA Opera			ms ( Ea	rth electr	ode resi	istance:	)	RCD:			)
Cha	racteristics at this DB Confirmation of	supply polarity: (	) Phase seque	ence confirmed (whe	ere appropriate	):	<sub>Zs</sub> ( <u>0.38</u>	)Ω	(0.60	kA (				)				)
This c	rtificate is based on the model forms shown in		71 Fatana ( ) Ann	value in the respective	C 11		×1.4.0 C		ken from BS	1071 atota								



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#### **ELECTRICAL INSTALLATION CERTIFICATE**

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS       Circuit-scalar       (C) Thermadure caller       (E) Thermadure caller       (F)																											
CODE	ES For Type of wiring (A) Thermoplastic insulate sheathed cables	i/ (B) The	rmoplastic tallic condu	cables in it	(C) TI	hermoplastic cable on-metallic conduit	sin (D)	Thermoplastic ca metallic trunking	g (	E) The	ermoplast n-metallic	ic cables in trunking	י <b>(F)</b> דו	hermoplastic	/ SWA cables	s (G) Ther	nosetting / S	WA cables (	H) Mineral-	insulated cal	bles (O	) other - state	e				
umber	Circuit description	Miring	Method 71)	ints served	Cir	rcuit		Pro	otective de	evice			RCD bui	ermitted talled device*	Ring f	final circuit	ts only	All ci		Insula	ation resi	istance	ity	ıred earth edance, Zs	RCD operating time	Te butto	
Circuit nu		Type of v	Reference (BS 76	umber of poi	Live			BS (EN)		Type	Rating	Short-circuit capacity	Operat current,	Maximum p Zs for ins protective (			,					voltage	Polari	Max. measu tult loop imp		RCD	AFDD
1/1 1	POOM OOOVETO			ž	(mm²)	(mm²) (s)	00000	MOD					(mA)	(Ω)					RI		(MΩ)		<u> </u>	(Ω)	(ms)		
		A		4						-		0 C	<u> </u>														
		Α	с С	1 3								0 6															
1/10		r	<u> </u>	٢	1.5	ı p.4	00030	MOD	P	,	۲ 	٢		0.02				0.41		-333	<b>1333</b>	500	<b>_</b>	0.70			
(to	be completed in every case)	L	ocatior	n of DE	B: <u>MF</u>	1	LY TO	THE ORI				Sign	ature:	MA		DSON		TES	TINST	Date:	: <u>23/08/</u> E <b>NTS</b>	/2019					
Sup	ply to DB is from: (							)	Nomin	al vo	ltage:	(230	) V	No.	of phase	es: ( <u>1</u>	)				ayams				cu)		
Ove	rcurrent protection device for the di									) R	Rating:	(40	)A					(	ation ro	esistanc	<u>م</u> .	) (	(		op impeda	anco.	)
Asso	ociated RCD (if any) Type: (BS EN						) No	. of poles: (	(	)	ß∆n	( <u>30</u>	) m.	A Oper	ating tim	ie: (	) ms					) (	(		oh mhen		)
Cha	racteristics at this DB Confirmatio	n of suppl <sup>,</sup>	y polari	ty: (	)	Phase seq	uence	confirmed (	(where a	appro			Zs	, ( <u>0.35</u>	)Ω <u>/</u>	77 ( pf	) kA		1 electro	ode resi	stance:	) (	RCD: (				)
	ertificate is based on the model forms sho ned by Certsure LLP Certsure	wn in Apper LP operate				Enter a ( 🗸 A brands		in the respec Copyright Ce					*V	Vhere figi	, ure is not	taken fror	n BS 7671	, state sou	rce:						 Page	38 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PA	RT 11 : SCHEDULE OF CIRCUIT DE	TAIL	S AND	) TEST	r res	ULTS	Cir	cuits/equ	ipment v	vulne	rable f	to dam	iage wl	nen testi	ng:												
COD	ES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therr meta	noplastic ca Ilic conduit	ables in 👔	(C) Therr	noplastic cables netallic conduit	in (D) T	Thermoplastic on netallic trunking	cables in (	E) The	ermoplasti n-metallic	ic cables ir trunking	n <b>(F)</b> ⊺	hermoplastic	/ SWA cables	(G) Ther	mosetting / S	WA cables (	H) Mineral-	insulated cal	bles (O	) other - state	e				
umber	Circuit description	wiring ides)	Method 371)	ints served	Circui	it		Pro	otective de	evice			RCD IV IV Build	iermitted stalled device*	Ring f	Circuit inal circuit ured end	t impedan ts only	All ci	rcuits e at least	Insul	ation resi	istance	ity	ured earth iedance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	Max. disconnection time (BS 7671)		BS (EN)		Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*		(Neutral)			olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs		RCD	AFDD
1/1 1	ROOM SOCKETS	•	C	(1	(mm²) (n	nm²) (s)	60898	MCP		>	(A) 16	(kA)	(mA)	(Ω)	`r0´	rn	rŰ	(RI+RI) 0.54	RI	(MΩ)	(MΩ) >999	(V)	<b>—</b>		(ms)		
1/L1 1/L2	HEATER	A 	C í		5 1. 5 1.		60898 I		E		10 16	0 6		2.18 2.18				0.54		>999 >999	>999	500 500		0.86 0.53			
1/L2	CONTACTOR / LIGHTS		C		.5 1	0.4	60898 I				6	6		5.82				0.21			>999	500		0.79			
		c D	B desia	unation:	DB26				1 TES	STEL	DBY	Nam	ne (cap	itals): M	ARK HUI	DSON				Positi	ion: Ele	ctrician					
		-0	-																	Date:	: 23/08/						
<b>T0</b>	<b>BE COMPLETED ONLY IF THE DB</b>	IS N	от со	)NNE(	CTED	DIRECTL	.Y TO T	THE ORI	IGIN O	FTH	IE IN	STAL	LATIC	)N					T INS			t each i	nstru	ment ve	ed)		
Sup	ply to DB is from: (							)	Nomin	al vo	ltage:	(	) V	No.	of phase	s: (	)				ayama				uaj		
DISTRIBUTION BOARD (DB) DETAILS       DB designation: DB26       TESTED BY       Name (capitals): MARK HUDSON       Position: Electrician         (to be completed in every case)       Location of DB: MF2       Signature:       Date: 22/08/2019         TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION       Date: 22/08/2019       TEST INSTRUMENTS         Overcurrent protection device for the distribution circuit Type: (BS EN) No. of poles: () A       No. of poles: () A       No. of poles: () A         Associated RCD (if any)       Type: (BS EN) No. of poles: () A       Qar () mA Operating time: () ms       Test helectrode resistance:       Earth fluct loop impedance         Characteristics at this DB       Confirmation of supply polarity: () Phase sequence confirmed (where appropriate): [														ance:	)												
Ass	ociated RCD (if any) Type: (BS EN					)	No. d	of poles:	(	)	∆an	(	) m	A Oper	ating tim	e: (	) ms					) (	(		- F Pour		)
Cha	racteristics at this DB Confirmation of	supply	polarity	y: (	) I	Phase sequ	uence co	onfirmed	(where a	appro	opriate	ə): 🗖			r	••		(		oue resi	stance:	) (	псD:				)
	ertificate is based on the model forms shown in hed by Certsure LLP Certsure LLP o					ter a ( 🏼 🗸 🗸		n the respe opyright Ce					*	Where fig	ure is not t	taken fror	n BS 7671	, state sou	ırce:						 Page	39 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

Distribution         Productive description         Productive description																							
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables metallic conduit	s in <b>(C)</b> Th	nermoplastic cables on-metallic conduit	in (D) TI	hermoplastic cables in letallic trunking	(E)	Thermoplast non-metallic	tic cables in trunking	n (F) Thermoplastic	/ SWA cables	s (G) Therr	nosetting / S	WA cables (	H) Mineral-i	insulated cab	oles (O)	other - state	e				
number	Circuit description	if wiring Codes) :e Method 7671) Doints served		cuit			e devic		uit (	rating at IAn DD at IAn DD at IAn DD at I Permitted nstalled e device*		final circuit	s only	All cir (complete	e at least	Insula	ation resi		Polarity	Max. measured earth Bault loop impedance, Zs	RCD operating time	Te butto	
Circuit		Type o (see C (see C (BS ]	Live (mm <sup>2</sup> )	<sub>cpc</sub> ≥		BS (EN)	Type				· · ·	· · ·				Live	Earth	Test voltage DC (V)	Pol	Max. mea D <sup>6</sup> ault loop in	(ms)	RCD	AFDD
		A C 4	2.5	1.5 0.4	60898 N	ИСВ	В	16	6	2.18						>999	>999	500		0.46			
		A C 1					_	16	6									500		0.45			
1/L3	CONTACTOR / LIGHTS	A C 3	1.5	1 0.4	60898 N	ИСВ	В	6	6	5.82				0.42		>999	>999	500	$\checkmark$	0.60			
	TRIBUTION BOARD (DB) DETAIL be completed in every case)	<b>.S</b> DB designa Location of					ESTE	ED BY		ne (capitals): <u>M</u> ature:		DSON					on: <u>Eler</u> 23/08/2						
т0	BE COMPLETED ONLY IF THE DE									LATION				TES (ente	T INST r serial	RUME	NTS agains	t each iı	nstrun	nent us	ed)		
Sup	ly to DB is from: (					) Nom	ninal v	voltage:	(	)V No.	of phase	es: (	)		i-functio		-		Conti				,
	current protection device for the distrib		)	Rating:	(	)A				(    Insul	ation re	sistance	 9:	) (	Earth	fault lo	op impeda	ance:	)				
Asso	ciated RCD (if any) Type: (BS EN	<u>⊿</u> n	(	)mA Oper	ating tim	ne: ( <u>18.3</u>	) ms		n electro	ode resis	stance:	) (	RCD:				)						
Cha	acteristics at this DB Confirmation of	supply polarity:	()	Phase sequ	ience co	onfirmed (wher	re app	propriate	e): 🗖	20	/	<i>r</i> .		(				) (	(				)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP	Appendix 6 of BS perates the NICEIC				the respective fi				*Where fig	ure is not	taken fron	n BS 7671	, state sou	rce:						 Page	40 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS	AND	TEST	T RESUL	.TS	Circuits/equ	iipment vı	ulne	erable	to dam	nage wh	nen testi	ing:												
CODE	S For Type of wiring (A) Thermoplastic insulated / ( sheathed cables	B) Thermo metallic	oplastic ca c conduit	ibles in	(C) Thermopla	astic cables i Ilic conduit	n (D) Thermoplastic metallic trunkir	cables in (E	E) The	ermoplas n-metallic	tic cables i c trunking	<sup>in</sup> (F) Ti	nermoplastic	: / SWA cables	(G) Thern	nosetting / S	VA cables (	H) Mineral-	insulated ca	ables (O	) other - state	e				
ber	Circuit description	s)	) )	s served	Circuit conductor cs	ection 71)	Pr	otective dev	vice			RCD	nitted led vice*	- Ding f		impedan	. ,	rouito	Insu	lation res	istance		d earth ance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Me (BS 7671	mber of points		ax. disconnection time (BS 7671)	BS (EN)		Type	Rating	hort-circuit capacity	Operating current, I∆n	Aaximum perr Zs for instal protective dev	(meas	ured end t	o end)	(complet	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	fax. measure	ume	RCD	AFDD
			۳. I	Nur (						(A)	ഗ (kA)	(mA)	≥ — (Ω)	(Line) r0	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		ang Ω)	(ms)		
1/L1	ROOM SOCKETS	А	C 4	42	2.5 1.5	0.4		В		16	6		2.18				0.44		>999	>999	500	$\checkmark$	0.80			
1/L2	HEATER	А	C 1					В		16	6								>999	>999						
1/L3	CONTACTOR / LIGHTS	А	C 3	31	.5 1	0.4	60898 MCB	В		6	6		5.82				0.47		>999	>999	500	$\checkmark$	0.83			
(to l	be completed in every case)	Loc	cation	of DB:	MF 4	RECTI					Sign	nature:	MA		DSON		TES	TINST	Date	: <u>23/08/</u> ENTS	2019					
														of nhase	s: (	)	ente (ente	r serial	numbe	r agains				ed)		
													140.	or prices	o. (		(				) (	(				)
Image: Second														)												
									' ppro								Eart	n electro	ode res	istance:	) (	RCD:				)
			-			-				-				ure is not f		n BS 7671		rco:								
	ertificate is based on the model forms shown in ned by Certsure LLP Certsure LLP or						r value in the respe © Copyright C					v	vitere ily	010 13 1101 1		10/10/1	, סומוש סטנ							 Page	41 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PA	RT 11 : SCHEDULE OF CIRCUIT DE	TAIL	S AND	) TES	T RES	ULTS	Circ	cuits/equip	oment vulr	nerab	le to da	mage w	hen testi	ng:												
COD	ES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therr meta	moplastic ca Illic conduit	ables in	(C) Therr	noplastic cables netallic conduit	in (D) T	hermoplastic cal netallic trunking	<sup>bles in</sup> (E)	Thermop non-meta	lastic cable allic trunkin	sin (F)	Thermoplastic	/ SWA cables	G (G) Therr	nosetting / S	WA cables (	H) Mineral-	insulated ca	bles (O	) other - state	e				
umber	Circuit description	wiring des)	Method 371)	ints served	Circu conducto	it		Prot	ective devic	ce		RCD B U	iermitted stalled device*	Ring f	Circuit final circuit	t impedan ts only		rcuits	Insul	ation res	istance	ity	ured earth edance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	Max. disconnection time (BS 7671)		BS (EN)	Tvpe	Rating	Short-circuit	capacity Operating current, ΙΔn	Maximum permitted Zs for installed protective device*		(Neutral)		one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>6</sup> ault loop impedance, Zs		RCD	AFDD
1/1 1	ROOM SOCKETS		C		(mm²) (n	nm²) (s)	60898	MCP	D	(A			(Ω)	`rŰ ́	rn	rŰ	(RI+RI)	RI	(MΩ)	(MΩ) >999	(V)		( <u>Ď</u> )	(ms)		
1/L1 1/L2	HEATER		C C		2.5 1. 2.5 1.		60898 I		B	16	0 6	_	2.18 2.18				0.29 0.19		>999 >999	>999 >9999	500 500		0.62 0.52			
1/L2	CONTACTOR / LIGHTS		C		1.5 1	0.4	60898 I		B	6	6	-	5.82				0.35			>999	500		0.67			
			B desig	unation	· DB29				TESTI	FD R	V Na	ume (ca	nitals) <sup>,</sup> M	IARK HUI	DSON				Posit	ion: Ele	ctrician					
	STRIBUTION BOARD (DB) DETAIL be completed in every case)	10	ocation	-									MA						Date:	23/08/						
TO	<b>BE COMPLETED ONLY IF THE DE</b>	IS N	OT CO	)NNE	CTED	DIRECTL	Y TO T	HE ORIO	GIN OF T	THE I	NSTA	LLATI	ON				TES	T INS		INTS	t each i	netr	montus	od)		
Sup	ply to DB is from: (							)	Nominal v	voltag	je: (	)v	No.	of phase	s: (	)		i-functi		ayanis			inuity:	eu)		
Ove	rcurrent protection device for the distrib									Ratin		)A	L .				(	lation re	esistanc	۵.	) (	(		op impeda	ance.	)
Ass	ociated RCD (if any) Type: (BS EN					)	No. d	of poles: (	)	/∄∆	(	) n	nA Oper	ating tim	e: (	) ms	;   (				) (	(				)
Cha	racteristics at this DB Confirmation of	supply	polarity	y: (	) I	Phase sequ	uence co	onfirmed (v	where app	oropria	ate): [		<sub>7s</sub> ( <u>0.33</u>	)Ω	77 (	) kA		electr	ode resi	stance:	) (	RCD:				)
	ertificate is based on the model forms shown ir shed by Certsure LLP Certsure LLP o					ter a ( 🏼 🗸 🗸 d		the respect					Where fig	ure is not t	taken fror	n BS 767	l, state sou	irce:						 Page	42 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS       Created decayation         Consistence of the regression of the r																											
CODE	sheathed cables metallic conduit non-metallic conduit metallic trunking non-metallic trunking														SWA cables	(H) Mineral-	-insulated ca	ibles (O	) other - state	3							
umber	Circuit description	wiring des)	Method 371)	ints served			nnection 7671)		Pr	rotective	device	•			R	ing final circ	uits only	All c			lation resi	istance	ity	ured earth iedance, Zs	operating		
Circuit n		Type of ' (see Co	Reference (BS 76	umber of po	Live	срс	Max. discol time (BS		BS (EN)		Type	Rating					,	one o	olumn)	Live /	Earth	voltage DC	Polar	Max. measi ault loop imp		RCD	AFDD
1/1 1	POOM SOCKETS	Δ	c –	Z	(mm²)	(mm <sup>2</sup> )		60000	MCB		P			(mA) (Ω		rn	rD		RI		(MΩ)			( <u>Ď)</u>	(ms)		
		A 	C	1							<b></b>		6		_		_	_									
			-									_	6				_										
			D desi:		0.02	0					сте		Nor		MADY					Desit	tion - Flo						
		3		•							31L	זסט				TIODSON				•							
<b>T0</b>	BE COMPLETED ONLY IF THE DB	IS N	OT C(	ONNI	ECTE	D DIF	RECTL	Y TO .	THE OR	IGIN C	)F TI	HE IN	STAL	LATION				TES	T INS		ENTS	t each is	netrun	nont use	ad)		
Supp	bly to DB is from: (								)	) Nomi	nal vo	oltage:	(	)V N	lo. of ph	ases: (	)				ayams				, , ,		,
	current protection device for the distribu										) I	Rating:	(	A()				( Insi	ulation re	esistanc	;e:	) (	Earth	fault loc	op impeda	ance:	)
Asso	ociated RCD (if any) Type: (BS EN						)	No.	of poles:	(	)	₫∆n	(	)mA 01	erating	time: (	) m	s ( Far	th electro	nde res	istance	) (	( RCD:				)
Chai	racteristics at this DB Confirmation of s	supply	polarit	ty: (	)	Phas	se sequ	ience c	onfirmed	(where	appr	ropriate	e):	<sub>Zs</sub> ( <u>0.3</u>	5) <b>(</b>	₽f (	) k.				stante.	) (					)
	ertificate is based on the model forms shown in ned by Certsure LLP Certsure LLP op								n the respe Copyright C					*Where	figure is	not taken fr	om BS 76	1, state so	urce:						Page	43 of	106

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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT D	ETAILS	S ANI	D TES	ST RE	SULTS	Ci	rcuits/equip	ment vul	neral	ble to	o dama	age wh	ien testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therm	moplastic c Ilic conduit	ables in t	(C) Th	nermoplastic cables on-metallic conduit	in (D)	Thermoplastic cab metallic trunking	<sup>iles in</sup> (E)	Thermo non-me	oplastic o etallic tru	cables in unking	(F) ™	nermoplastic	/ SWA cables	s (G) Ther	mosetting / S	WA cables (	H) Mineral-i	insulated ca	bles (O	) other - state	9				
mber	Circuit description	viring des)	Method 71)	nts served		cuit ctor csa 7671)		Prote	ective devi	ce			RCD	ermitted talled device*	Ring f	final circuit	t impedan ts only	All ci	rcuits	Insul	ation resi	istance	ty	ired earth edance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	Max. disconnection time (BS 7671)		BS (EN)	- T	- lype	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*		(Neutral)			e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Bault loop impedance, Zs		RCD	AFDD
					Live (mm <sup>2</sup> )	(mm²) (s)					A)	(kA)	(mA)	(Ω)	r[	rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1/L1	ROOM SOCKETS	A	C	1	2.5	1.5 0.4	60898		B	16		;		2.18				0.26		>999	>999	500		0.63			
1/L2	HEATER	A	C		2.5 1.5	1.5 0.4	60898		B	16	6	)		2.18				0.22		>999	>999	500		0.59			
1/L3	CONTACTOR / LIGHTS	1 0.4	60898	INICB	В	6	6	)		5.82				0.35		>999	>999	500	$\checkmark$	0.72							
(to l	TRIBUTION BOARD (DB) DETAI be completed in every case) 3E COMPLETED ONLY IF THE D	Lo	B desig	of DB	8: <u>VH1</u>							Signa	ature:	MA		DSON		) <b>TES</b>	TINST	Date:	23/08/						
Supp <b>Over</b>	ly to DB is from: ( current protection device for the distril	bution c	ircuit	Туре:	(BS EI	N		) 1	Nominal	volta Rati			)V )A		of phase	es: (	)	(ente Mult	er serial ti-function lation re	number on:	agains	) (	Conti	inuity:	<b>ed)</b> op impeda	ance:	)
	ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation o										<b>∆</b> л (. riate):				ating tim )Ω _/		) ms ) kA	Eart	h electro	ode resi	stance:	) (	RCD:				) )
	rtificate is based on the model forms shown i ed by Certsure LLP Certsure LLP							in the respecti Copyright Cert				iate.	*V	Vhere figi	ure is not	taken fror	m BS 7671	, state sou	ırce:						 Page	44 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PA	PART 11: SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS       Circuit description       Circuit description </th <th></th>																										
COD	ES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therr meta	noplastic ca llic conduit	ables in	(C) Thern non-n	noplastic cables netallic conduit	in (D) T	hermoplastic ca netallic trunking	ables in (E)	) Ther non-	rmoplasti -metallic	ic cables ir trunking	n <b>(F)</b> ⊺	nermoplastic	/ SWA cables	(G) Ther	nosetting / S	WA cables (	H) Mineral-	insulated cal	bles (O	) other - state	e				
umber	Circuit description	wiring des)	Method (71)	ints served				Pro	otective dev	vice			RCD Puing	ermitted stalled device*	Ring f	inal circuit	ts only	All ci		Insul	ation resi	istance	ity	ured earth edance, Zs	operating		
Circuit nu		Type of v (see Co	Reference (BS 76	umber of po	Live	Max. discol		BS (EN)		Type	Rating	Short-circui capacity	Operat current,	Maximum p Zs for ins protective			,					voltage	Polar	Max. measu tult loop imp		RCD	AFDD
1/1 1					(mm²) (n	nm²) (s)	00000	MOD					(mA)	(Ω)					RI						(ms)		
		A 							B			0 6															
1/L2 1/L3			C C			-						0 6															
			D. de sia		DEGG							No				2001				D							
		-0	-													<u>55011</u>											
<b>T0</b>	BE COMPLETED ONLY IF THE DB	IS N	от со	)NNE(	CTED	DIRECTL	.Y TO T	HE ORI	GIN OF	TH	E IN	STAL	LATIC	N				TES	T INS		INTS	t ooob :		montro	od)		
Sup	ply to DB is from: (							)	Nominal	l volt	tage:	(	) V	No.	of phase	s: (	)		<b>r serial</b> i-functio		ayains			ment us inuity:	eu)		
Ove	rcurrent protection device for the distrib										ating:		)A					(	lation re	esistanc	0.	) (	(		op impeda	2000	)
Ass	ociated RCD (if any) Type: (BS EN					)	No. d	of poles: (	(	)	<u>∕</u> a∆_n	(	) m.	A Oper	ating tim	e: (	) ms	;   (				) (	(		op inpedi		)
Cha	racteristics at this DB Confirmation of	supply	polarity	y: (	) F	Phase sequ	ience co	onfirmed (	where ap					, ( <u>0.47</u>	)Ω	77 (	) kA		h electro	ode resi	stance:	) (	RCD: (				)
	ertificate is based on the model forms shown in hed by Certsure LLP Certsure LLP o					ter a ( 🏼 🗸 🗸		the respec					*/	Vhere fig	ure is not i	taken fror	n BS 7671	l, state sou	irce:						 Page	45 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS	AND	TES	T RE	SULTS	5	Cir	cuits/equi	ipment	vuln	erable	to dam	age when	esting	g:												
CODI	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(D) T	Thermoplastic ca netallic trunking	ables in	(E) Th	hermoplast on-metallic	ic cables ir trunking	n <b>(F)</b> Thermo	olastic / S	SWA cables	(G) Therr	nosetting / S	WA cables (	H) Mineral-	insulated ca	.bles (O)	) other - state	e										
umber	Circuit description	bi metallic Bi i i i i i i i i i i i i i i i i i i		ints served	Circ	40 4 0 0 0				otective o				ting I∆n Permitted	device*		Circuit nal circuit ured end t		All ci	rcuits e at least	Insul	lation resi	istance	ity	ured earth iedance, Zs	RCD operating time	Te: butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)		Live	υμυ	Max. disconnection time (BS 7671)		BS (EN)		Type		Short-circuit capacity	Operating current, ΙΔn Maximum permitted Zs for installed			(Neutral)	(cpc)	one co	olumn)	Live / Live	Live / Earth	DC	Polarity	Max. measured earth Bault loop impedance, Zs	-	RCD	٩FDD
1/L1	ROOM SOCKETS	A (	r l			(mm²) 1.5 0.4	(s) /	50898 I	MCB		В	(A) 16	(kA)	(mA) (1		rl	rn	rl	(RI+RI) 0.36	RI	(MΩ) >999	(MΩ) >999	(V) 500	~	(Ω) 0.74	(ms)		
1/L1 1/L2	HEATER	A	C r			1.5 0.4 1.5 0.4		50898 I			B B	16	6	2.18					0.30		>999		500	$\overline{\mathbf{v}}$				
1/L3	CONTACTOR / LIGHTS	A	-		.5	1.0 0.4		50898 I			B	6	6	5.82					0.41		>999		500	V V				
DIS	TRIBUTION BOARD (DB) DETAIL			nation:						.   TE	STE	D BY		ne (capitals			DSON				Posit	tion: <u>Elec</u>	ctrician					
÷	be completed in every case)			of DB:										ature: 📈	ine	<			TEC	T INST		: 23/08/2	2019					
	BE COMPLETED ONLY IF THE DB																		ente (ente	r serial	number		st each iı			ed)		
	bly to DB is from: (									Nomir				)V	No. of	f phases	s: (	)	Mul	ti-functio	on:		1	Contir	nuity:			١
	current protection device for the distribute										) F	Rating:	(	A()					Insu	lation re	esistanc	e:		Earth	fault loc	op impeda	ance:	!
	ociated RCD (if any) Type: (BS EN		of poles:(		)	⊠∆n	(		-	ting time		) ms		h electro	ode resi	stance:	) ( :	( RCD:				)						
Cha	racteristics at this DB Confirmation of s	supply p	olarity	y: (	)	Phase	seque	ence co	onfirmed (	(where	appr	ropriate	e):			)Ω		) kA					) (	(				)
	ertificate is based on the model forms shown in ned by Certsure LLP Certsure LLP o						Vor		n the respectory of the respectory of the respective terms of the respective terms of the respective terms of t					*Wher	e figur	re is not t	aken fron	n BS 767	l, state sou	ırce:		,		,		Page	46 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	T 11 : SCHEDULE OF CIRCUIT D	ETAILS	S ANI	D TES	ST RE	SULTS	;	Circ	uits/equipme	ent vuln	nerable	to dam	age when testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therm	noplastic c Ilic conduit	cables in t	(C) Th	nermoplastic o on-metallic co	cables in onduit	(D) The me	ermoplastic cables i tallic trunking	n (E) T	l Thermoplas non-metalli	tic cables i c trunking	n <b>(F)</b> Thermoplastic	: / SWA cables	s (G) Therr	nosetting / S	WA cables (	H) Mineral-i	insulated ca	bles (O)	) other - state	9				
														final circuit	impedan s only	All ci		Insul	lation resi	stance	~	ed earth dance, Zs	RCD operating time	Te butto		
Circuit nur		Type of w (see Cod	keference M (BS 767	nber of poin			lax. discon time (BS 7		BS (EN)	Type	Rating	Short-circuit capacity	Operatii current, I aximum pe Zs for inst			,	(complete one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Bault loop impedance, Zs		RCD	
			Ľ	NUN	Live (mm <sup>2</sup> )	cpc	(s)				(A)	の (kA)	(mA) (Ω)	(Line) r1	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)	NOD	
1/L1	ROOM SOCKETS	A	C	4	2.5	1.5 0.4		60898 M		В	16	6	2.18				0.52		>999		500		1.15			
1/L2	HEATER	A	C			1.5 0.4		60898 M		В	16	6	2.18				0.22		>999	>999	500		0.85			
1/L3	CONTACTOR / LIGHTS	А	C	3	1.5	1 0.4	46	60898 M	1CB	В	6	6	5.82				0.56		>999	>999	500	$\checkmark$	1.19			
(to	TRIBUTION BOARD (DB) DETAI be completed in every case) BE COMPLETED ONLY IF THE DI	Lo	B desig ocation	of DB	3: <u>VH 4</u>	l						Sign	ne (capitals): M nature: MA		DSON		TES	TINST	Date:	tion: <u>Elec</u> : 23/08/; ENTS	2019					
	bly to DB is from: ( current protection device for the distril								) No		voltage Rating		)V No. )A	of phase	es: (	)	Mult (	r serial i-functio lation re	on:		) (	Conti	inuity:	ed) iop impeda	anco:	)
	ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of												) mA Oper   <sub>Zs</sub> ( <u>0.63</u>			) ms ) kA	; ( Eartl			istance:	) (	RCD:		op inipeu		) )
	rtificate is based on the model forms shown i led by Certsure LLP Certsure LLP						Vor		the respective pyright Certsu				*Where fig		,	n BS 7671	I, state sou	rce:						 Page	47 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	TAILS AND	TEST R	ESULTS	Circuits/equip	ment vuln	erable	e to dam	age when te	sting:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cat metallic conduit	ibles in (C)	Thermoplastic cables non-metallic conduit	in (D) Thermoplastic cab metallic trunking	les in (E) T	'hermoplas ion-metalli	stic cables ir ic trunking	<sup>n</sup> (F) Thermopla	stic / SWA cabl	es (G)Thermo	osetting / SW	A cables (H	) Mineral-ii	nsulated ca	ibles (O	) other - state	e				
Circuit number	Circuit description	Type of wiring (see Codes) Reference Method (BS 7671)		ax. disconnection time (BS 7671)		ective device		y	Operating current, IΔn Maximum permitted Zs for installed	Ring (mea	Circuit ir g final circuits asured end to	mpedance only end)	es (Ω) All circ (complete one col	at least	Insul	lation resi		Polarity	Max. measured earth Bault loop impedance, Zs	RCD operating time	Te: butto	
			(mm	 ) (mm²) (s)	BS (EN)	Type	(A)	A Short-circuit E capacity	(mA) (Ω)	(Line)	(Neutral) rn		(RI+RI)	R	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)			(ms)	RCD	AFDD
1/L1	ROOM SOCKETS	A C 4	4 2.5	1.5 0.4	60898 MCB	В	16	6	2.18				0.25		>999		500		0.67			
1/L2	HEATER	A C 1	1 2.5	1.5 0.4	60898 MCB	B	16	6	2.18				).47		>999		500		0.89			
1/L3	CONTACTOR / LIGHTS	A C 3	3 1.5	1 0.4	60898 MCB	В	6	6	5.82			(	0.69		>999	>999	500	$\checkmark$	1.11			
(to l	TRIBUTION BOARD (DB) DETAIL be completed in every case) BE COMPLETED ONLY IF THE DE	Location o	of DB: <u>VH</u>	5	Y TO THE ORIG			Sign	ne (capitals): nature: M LATION		JDSON		TEST	INST	Date:	: 23/08/ ENTS						
	ly to DB is from: ( current protection device for the distrib				) 1		oltage: Rating:		)V N )A	o. of phas	;es: (	)	Multi (	-functio	on:	_	) (	Conti	inuity:	ied) Dop impeda	ance:	)
	ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of						<i>∆∆n</i> ropriat			erating tin 2)Ω		) ms ) kA	(			istance:	) (	RCD:		,op inpedi		) )
	rtificate is based on the model forms shown ir ed by Certsure LLP Certsure LLP o	n Appendix 6 of B operates the NICE			r value in the respect © Copyright Cert				*Where	figure is no	t taken from	BS 7671,	state sour	ce:						 Page	48 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	sheathed cables metallic conduit non-metallic conduit metallic drunking non-metallic drunking																									
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) <sup>Therm</sup> metall	ioplastic ca lic conduit	ables in	(C) The	ermoplastic cables 1-metallic conduit	in (D)	Thermoplastic cable metallic trunking	esin (E)	Thermopl non-meta	astic cables llic trunking	in (F)	l fhermoplastic	/ SWA cables	s (G) Ther	mosetting / S	WA cables (	H) Mineral-	insulated ca	bles (O	other - state	)				
mber	Circuit description	<i>i</i> iring des)	Method 71)	nts served		or one		Protec	ctive devic	e		RCD	ermitted talled device*		final circuit		All ci	rcuits	Insul	ation resi	stance	ty red earth	ed earlin edance, Zs	RCD operating time	Te: butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served		Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	Short-circuit canacity	Operati Current.	Maximum permitted Zs for installed protective device*		sured end	,	(complet one co	e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity Aax measured	Dault loop impedance, Zs		RCD	AFDD
						(mm <sup>2</sup> ) (s)				(A)			(Ω)	(Line) rl	(Neutral) rn	(cpc) rI	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1/L1	ROOM SOCKETS		C			1.5 0.4	60898		В	16	6		2.18				0.27		>999	>999	500	<b>√</b> 0.				
1/L2	HEATER	A	C			.5 0.4	60898		В	16	6		2.18				0.24		>999	>999	500	✓ 0.				
1/L3	CONTACTOR / LIGHTS	A	C	3	1.5 1	0.4	60898	MCB	В	6	6		5.82				0.47		>999	>999	500	<b>√</b> 0.	.87			
(to l	be completed in every case)	Lo	cation	of DB	: <u>VH 6</u>						Sig	nature	MA		DSON		) [ <b>TE</b> S			ion: <u>Ele</u> : 23/08/; <b>ENTS</b>						
Supp <b>Over</b>	DISTRIBUTION BOARD (DB) DETAILS to be completed in every case)       DB designation: DB36 Location of DB: VH 6       TESTED BY Signature:       Name (capitals): MARK HUDSON Signature:         O BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Hupply to DB is from: () Nominal voltage: ()V       No. of phases: () No. of phases: () Not of poles: () Rating: ()A         Nessociated RCD (if any)       Type: (BS EN) No. of poles: () MA Operating time: () Cas (0.40)R Greating time: ()														)	(ente Mult ( Insu	<b>r serial</b> ti-functio	number	agains	) (	Contin	uity:	e <b>d)</b> op impeda	ance:	)	
												r <sub>s</sub> ( <u>0.40</u>	)Ω _/	77 ( pf	) ms ) kA	Eart (		ode resi	stance:	) (	RCD:				)	
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP							in the respectiv Copyright Certs				*	Where fig	ure is not	taken fror	m BS 7671	, state sou	ırce:						Page	49 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAR	T 11 : SCHEDULE OF CIRCUIT DE	TAILS AND T	EST RESULTS	Circuits/equip	pment vulı	nerable	to dam	age when testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables metallic conduit	in (C) Thermoplastic cables non-metallic conduit	in (D) Thermoplastic ca metallic trunking	ables in (E)	Thermoplas non-metallic	tic cables in c trunking	n (F) Thermoplastic	/ SWA cables	s (G) Therm	nosetting / SV	VA cables (	H) Mineral-i	insulated cal	bles (O)	other - state	)				
umber	Circuit description	wiring odes) Method 571) bints served	Circuit conductor csa	Prot	tective devic	ce	.tt	tting t, I∆n bermitted device*		Circuit final circuits		ces (Ω) All cir (complete		Insula	ation resi	stance	rity	ured earth bedance, Zs	RCD operating time	Te butt	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	Fine (BS 767)	BS (EN)	Tvne		Short-circuit capacity	Operating current, I∆n Maximum permitted Zs for installed protective device*		(Neutral)	(cpc)	one co	olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Bault loop impedance, Zs		RCD	AFDD
1/L1	ROOM SOCKETS		(mm <sup>2</sup> ) (mm <sup>2</sup> ) (s) 2.5 1.5 0.4	60898 MCB	B	(A) 16	(kA)	(mA) (Ω) 2.18	r0	rn	rl	(RI+RI) 0.30	RI	(MΩ) >999	(MΩ) >999	(V) 500		( <u>0)</u> 0.89	(ms)		
1/L2	HEATER		2.5 1.5 0.4	60898 MCB	B	16	6	2.18				0.23			>999	500		0.82			
1/L3	CONTACTOR / LIGHTS	A C 3	1.5 1 0.4	60898 MCB	В	6	6	5.82				0.55				500		1.14			
		<b>c</b> DB designat	tion: DB37		TEST	EN RV	Nam	ne (capitals): M	IVBK HIII	DSON				Positi	ion: Elei	strician					
	TRIBUTION BOARD (DB) DETAIL be completed in every case)	Location of I						ature: MA						Date:	23/08/2						
	BE COMPLETED ONLY IF THE DB			TES (ente	T INST r serial	<b>RUME</b> number	ENTS agains	t each iı	nstrur	ment us	ed)										
Supp	ly to DB is from: (	es: (	)		i-functio					inuity:											
	current protection device for the distrib				)	Rating:	: (	)A				( Insul	lation re	esistanc	e:	) (	Earth	ı fault lo	op imped	ance:	)
Asso	ciated RCD (if any) Type: (BS EN			) No. of poles: (	)	<u>/</u> ∄∆ n	(	)mA Oper	0	·	) ms		1 electro	ode resi	stance:	) (	RCD:				)
Char	acteristics at this DB Confirmation of	supply polarity: (	) Phase seq	uence confirmed (\	where app	propriat	e): 🔲	23	/	<i>r</i> ··	) kA	(				) (					)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP o	Appendix 6 of BS 7 perates the NICEIC	• •	or value in the respec © Copyright Cer				*Where fig	ure is not t	taken from	n BS 7671	, state sou	rce:						 Page	50 of	106

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# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PA	RT 11 : SCHEDULE OF CIRCUIT D	ETAILS AND TES	ST RESULTS	Circuits/equipme	nt vulnerable 1	to dama	age when testi	ng:										
COD	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	n (E) Thermoplasti non-metallic	ic cables in trunking	(F) Thermoplastic	/ SWA cables	(G) Thermose	etting / SWA c	ables (H) Mineral-	insulated cal	bles (O)	) other - state	9			
Circuit number	Circuit description	Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	Circuit conductor csa disconnection (ISS 7671)	Protective		ircuit sity	Operating current, I∆n Maximum permitted Zs for installed protective device*		Circuit imp nal circuits or red end to er	nly	(Ω) All circuits complete at least one column)	Insula	ation resi	Test	Polarity Max. measured earth	S operating time		est tons
			Live cpc 2 (mm²) (mm²) (s)	BS (EV)	Type E Rating	A Short-circuit Capacity	(mA) (Ω)	(Line) ( r1	(Neutral) ( rn		RI+RI) RI	Live (MΩ)	Earth (MΩ)	voltage DC (V)			RCD	AFDD
1/L1 1/L2	ROOM SOCKETS HEATER			0898 MCB	B 16	6 C	2.18			0.4		>999	>999	500	✓ 0.7			
1/L2 1/L3	CONTACTOR / LIGHTS			60898 MCB 60898 MCB	B 16 B 6	0 6	2.18 5.82			0.2 0.4				500 500	✓ 0.9			
1720		<u> </u>	יד.ע יי ס.יין		<u> </u>	٢	0.02			0.4		- 000	- 000		<b>v</b> p.1			
(to	TRIBUTION BOARD (DB) DETA be completed in every case) BE COMPLETED ONLY IF THE D	Location of DB	3: <u>LH 1</u>			Sign	e (capitals): M ature: MA		SON		TEST INS1	Date:	23/08/2	ctrician 2019				
	ply to DB is from: (DB 2 LEVEL 2	DIS NOT COMM			ninal voltage:			of phases	s: (1	,	(enter serial Multi-function	number	agains		n <mark>strume</mark> Continu			
· ·	rcurrent protection device for the distri	hution circuit Type:	(BS EN 61009	, · · · · · ·	) Rating:		)A	P	•		(			) (				)
	ociated RCD (if any) Type: (BS EN			No. of pology /1	-			oting time	. /7 0V1	\ma	Insulation re	esistanc	e:	) (	Earth fa	ult loop impe	dance:	)
				No. of poles: ( <u>1</u>			) mA Oper				Earth electro	ode resi	stance:		RCD:			
Cna	racteristics at this DB Confirmation o	n supply polarity: (	, Phase seque	nice contirmed (whei	re appropriate	9): 📙	20		·	) kA	(			) (				)
	ertificate is based on the model forms shown ned by Certsure LLP Certsure LLP	in Appendix 6 of BS 767 operates the NICEIC &		value in the respective f © Copyright Certsure			*Where fig	ure is not ta	aken from B	S 7671, sta	ate source:					Pag	e 51 of	106

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# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAR	T 11 : SCHEDULE OF CIRCUIT DI	ETAILS A	ND TE	ST RE	SULTS	Ci	rcuits/equipm	nent vulr	nerable	to dam	nage when te	sting:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplas metallic cor	tic cables in duit	(C) T	hermoplastic cables on-metallic conduit	<sup>in</sup> (D)	Thermoplastic cables metallic trunking	sin (E)	Thermoplas non-metalli	stic cables i ic trunking	<sup>in</sup> (F) Thermopla	stic / SWA cab	les (G) Ther	mosetting / SV	WA cables (	H) Mineral-	insulated ca	ubles (O	) other - state	ie				
nber	Circuit description		ed	Cir	Max. disconnection time (BS 7671)		Protec	tive devic			D Dn Balled *ice*	Ring	g final circui		All ci	rcuits		lation resi	istance	- ~	ed earth dance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes) Reference Method	Operating Current, IΔn Maximum permitted Zs for installed nonective device*	(mea	asured end	,		e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs		RCD	AFDD								
			Nur	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> ) (s)				(A)	<ul> <li>Short-circuit</li> <li>Capacity</li> </ul>	(mA) (Ω)	tine) r	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		⊇ an Ω)	(ms)		
1/L1	ROOM SOCKETS	A C	4	2.5	1.5 0.4	60898		В	16	6	2.18				0.24		>999	>999	500		0.55			
1/L2	HEATER	A C	1	2.5	1.5 0.4	60898		В	16	6	2.18				0.27		>999	>999	500		0.58			
1/L3	CONTACTOR / LIGHTS	A C	3	1.5	1 0.4	60898	MCB	В	6	6	5.82				0.76		>999	>999	500	$\checkmark$	0.87			
(to l	be completed in every case)	B: <u>LH 2</u>	2	.Y TO				Sign	nature: M		UDSON		TES	TINST	Date:	tion: <u>Ele</u> : 23/08/ ENTS								
Supp	DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)       DB designation: DB39 Location of DB: LH 2       TESTED BY Signature:       Name (capitals): MARK HUDSON Signature:         TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from:       ) Nominal voltage: (230 ) V       )V       No. of phases: (1															ti-functio		agains			tinuity:	seu)		ľ
Over		)A				(	lation ro	esistanc	· · · ·	) (	(	h fault le	oop imped	anco:	)									
Asso	ciated RCD (if any) Type: (BS EN				)	No.	of poles: (	)	⊠∆n	(30	)mA Op	erating ti	me: ( <u>7.6X</u>	<u>1</u> )ms	; (				) (	(		Joh unhen		)
Char	acteristics at this DB Confirmation of	supply pola	nrity: (	)	Phase sequ	uence d	confirmed (wh	nere app			] <sub>Zs</sub> (0.31	)Ω		) kA		h electro	ode resi	istance:	) (	RCD: (	:			)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP				•		in the respectiv Copyright Certs			•	*Where	igure is no	, it taken fro	m BS 7671	l, state sou	ırce:						 Page	52 of	106

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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT D	ETAILS AND TE	ST RESULTS	Circuits/equipm	ent vulnera	able to dam	nage when testi	ing:										
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	n (C) Thermoplastic cables in non-metallic conduit	n (D) Thermoplastic cables metallic trunking	in (E) Thern	noplastic cables i netallic trunking	in (F) Thermoplastic	/ SWA cables	(G) Thermo	setting / SWA o	cables (H) Minera	l-insulated c	ables (O	) other - state	e			
umber	Circuit description	wiring des) Method 571) ints served	Circuit	Protect	tive device		ing I∆n bermitted tevice*		Circuit in inal circuits ured end to		(Ω) All circuits complete at leas		Ilation resi	istance	ity ured earth oedance, Zs	RCD operating time	Te: butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671) Number of points serve	Tine (BS 7671)	BS (EN)	Type	Rating Short-circuit capacity			(Neutral)	(cpc)	one column)	Live / Live	Earth	Test voltage DC	Polarity Max. measured earth Éault loop impedance, Zs		RCD	AFDD
1/L1	ROOM SOCKETS	A C 4	(mm <sup>2</sup> ) (mm <sup>2</sup> ) (s)	60898 MCB	B 16	(A) (kA)	(mA) (Ω) 2.18	rD	rn	r0 (F 0.2	RI+RI) RI	(MΩ) >999		(V) 500	( <u>(</u> ))	(ms)		
1/L1	HEATER			60898 MCB	B 16		2.18			0.2		>999	>999	500	✓ 0.58 ✓ 0.52			
	CONTACTOR / LIGHTS			60898 MCB	B 6	5 5 6	5.82			0.3		>999	>999	500	✓ 0.32			
	TRIBUTION BOARD (DB) DETAI be completed in every case)	LS DB designati Location of D			TESTED		ne (capitals): M nature: MA		<u>12010</u>			•	tion: <u>Ele</u> e: <u>23/08/</u>					
<b>T0 I</b>	BE COMPLETED ONLY IF THE D	B IS NOT CONN	<b>IECTED DIRECTL</b>	Y TO THE ORIGI	N OF THE	INSTAL	LATION				TEST INS	TRUM	ENTS	4		n dl		
Supp	oly to DB is from: (DB 2 LEVEL 2			) No	ominal volt	age: ( <u>230</u>	)V No.	of phase	s: ( <u>1</u>	)	(enter serial Multi-funct		r ayains		Continuity:	seu)		
Over	current protection device for the distri	bution circuit Type	e: (BS EN <u>61009</u>		) Rat	ting: ( <u>40</u>	A()				( Insulation r	esistan	ם <b>י</b>	) (	( Earth fault le	oon imned	ance.	)
Asso	ciated RCD (if any) Type: (BS EN		)	No. of poles: ( <u>1</u>	)	<u>A</u> n ( <u>30</u>	)mA Oper	ating tim	e: ( <u>7.3X1</u>	) ms	(			) (	(			)
Char	acteristics at this DB Confirmation o	f supply polarity:(	) Phase sequ	ence confirmed (wh			] <sub>Zs</sub> ( <u>0.28</u>	)Ω	77 ( <u>0.87</u>	) kA	Earth electi (	rode res	istance:	) (	RCD: (			)
	rtificate is based on the model forms shown and by Certsure LLP Certsure LLP	in Appendix 6 of BS 76 operates the NICEIC &		r value in the respective © Copyright Certsu			*Where fig	ure is not t	taken from	BS 7671, st	ate source:					 Page	53 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	T 11 : SCHEDULE OF CIRCUIT DE	TAILS AND TE	ST RESULTS	Circuits/equipr	ment vulnerable t	o damag	e when testi	ng:											
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables ir metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cable metallic trunking	es in (E) Thermoplastic non-metallic t	c cables in trunking	(F) Thermoplastic	/ SWA cables	(G) Thermo	osetting / SV	VA cables (H	) Mineral-i	insulated cab	les (0)	other - state	1			
Circuit number	Circuit description	Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	Circuit conductor csa wax disconnection time (BS Ve)		ctive device		Current, IAn Maximum permitted Zs for installed protective device*	Ring fi (measu	Circuit inal circuits ured end to	mpedanc only end)	ces (Ω) All circ (complete one col	at least	Insula	ition resi	Test	Polarity Max. measured earth Sfault loop impedance, Zs	RCD operating time	Te butt	est ions
			(mm <sup>2</sup> ) (mm <sup>2</sup> ) (s)	BS (EN)	Type (5) Rating	Sho	mA) (Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(RI+RI)	RI	Live (MΩ)	Earth (MΩ)	voltage DC (V)		) (ms)	RCD	AFDD
1/L1	ROOM SOCKETS	A C 4		60898 MCB	B 16	6	2.18				0.21				500	🗸 0.53			
1/L2	HEATER	A C 1		60898 MCB	B 16	6	2.18				0.2				500	✓ 0.52	_		
1/L3	CONTACTOR / LIGHTS	A C 3	1.5 1 0.4 0	60898 MCB	B 6	6	5.82				0.42		>999	>999	500	✓ 0.74			
(to	TRIBUTION BOARD (DB) DETAIL be completed in every case) 3E COMPLETED ONLY IF THE DB	Location of D	B: <u>LH 4</u>		TESTED BY	Signatu	ire: MH		DSON		1			on: <u>Elec</u> 23/08/2					
	It to DB is from: (DB LEVEL 2							of phases	s. (1	)	(enter	serial functio	number	against		Istrument			
								01 1110363	J. ( <u>1</u>	'	(	-iuncilo	JII.		) (	Continuity	•		)
	current protection device for the distrib						_)A				1 1	ation re	sistance	):	······································	Earth faul	t loop imped	ance:	······'
	ciated RCD (if any) Type: (BS EN			No. of poles: ( <u>1</u>	_		)mA Oper	-		) ms	Earth	electro	ode resis	stance:	) (	RCD:			)
Cha	acteristics at this DB Confirmation of	supply polarity: (	) Phase seque	ence confirmed (w	here appropriate	):	<sub>Zs</sub> (0.32	r		) kA					) (				)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP	Appendix 6 of BS 76 perates the NICEIC 8		value in the respectiv	ve fields, as approp sure LLP (July 2018)		*Where figu	ure is not t	aken from	BS 7671,	, state sour	ce:					 Page	e 54 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	TAILS AND	TEST R	ESULTS		Circuits	/equipmen	nt vuln	erable	to dama	age whe	n testir	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (	B) Thermoplastic ca metallic conduit	ables in (C)	Thermoplastic c non-metallic co	ables in nduit	(D) Thermop metallic	lastic cables in trunking	(E) T	hermoplas	stic cables in c trunking	• (F) Ther	rmoplastic /	/ SWA cables	s (G) Thermo	osetting / S	WA cables (	H) Mineral-i	insulated cal	bles (O	) other - stat	e				
Imber	Circuit description	wiring des) Method 71)		Circuit uctor csa	7671)		Protective	e device	9		I∆n ermitted	talled device*		Circuit i final circuits sured end to		All ci	rcuits e at least	Insula	ation res	istance	ity	ıred earth edance, Zs	RCD operating time	Te: butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671)	Number of po		time (BS 7671)		BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n Maximum permit	Zs for installed protective device*		(Neutral)	(cpc)	one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs		RCD	AFDD
1/L1	ROOM SOCKETS	A C	z <sub>(mm</sub> 4 2.5		(s) 60	398 MCB		B	(A) 16	(kA)	(mA)	<u>(Ω)</u> .18	rl	rn	rl	(RI+RI) 0.27	RI	(MΩ) >999	(MΩ) >999	(∨) 500		( <u>Ω</u> ) 0.61	(ms)		
1/L2	HEATER	A C	1 2.5	1.5 0.4		398 MCB		B	16	6		.10				0.27		>999	>999	500	· ·	0.58			
1/L3	CONTACTOR / LIGHTS	A C	3 1.5	1 0.4		898 MCB		В	6	6		.82				0.49			>999	500		0.75			
	TRIBUTION BOARD (DB) DETAIL be completed in every case)	<u>342</u> 5				ESTE	D BY		e (capita ature:			DSON					ion: <u>Ele</u> 23/08/	ctrician 2019							
÷	BE COMPLETED ONLY IF THE DB	сті у і	O THE		OF T	HEIN				_			TES	T INST											
	ly to DB is from: (DB 2 LEVEL 2				JIII			oltage		)V		of phase	es: (1	)	ente (ente	r serial ti-functio	number	agains	t each i		ment us inuity:	ed)			
	current protection device for the distribu	ition circuit	EN 61009					Rating		)A		r	·	······′	(				)	(				)	
	ciated RCD (if any) Type: (BS EN				)	No. of po	les: ( <u>1</u>				)mA	Opera	ating tim	ie: (7.8	) ms	1	lation re	sistanc	e:	)	(		op impeda	ance:	)
	acteristics at this DB Confirmation of s											-	)Ω		) kA	Eart	h electro	ode resi	stance:	)	RCD: (				)
											20		/	<i>þf</i> taken from			ILCO.				·				·····'
This ce	rtificate is based on the model forms shown in			Enter a ( SA brands			espective fi t Certsure				VVI	iere ngu			50707	, state 30t							 Pane	55 of	100



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DI	ETAILS A	ND TE	ST RE	SULTS	Ci	rcuits/equipme	nt vuln	erable	to dam	nage w	hen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplast metallic con	ic cables in duit	(C) T	hermoplastic cables on-metallic conduit	in (D)	Thermoplastic cables in metallic trunking	י (E) ד	Thermoplas non-metalli	stic cables i c trunking	<sup>in</sup> (F) 1	l hermoplastic	/ SWA cables	s (G) Therr	mosetting / S	WA cables (	H) Mineral-	insulated cal	bles (O	) other - stat	te				
ler	Circuit description			Cir	rcuit		Protectiv	ve device	e		RCD	nitted ed ice*			t impedan	. ,		Insula	ation res	istance		l earth ance, Zs	RCD operating	Te butto	
Circuit number		Type of wirir (see Codes teterence Me	(1 / 0 / 0 / 1) Ther of points		lax. disconne time (BS 767		BS (EN)	Type	Rating	nort-circuit capacity	Operating current, I∆r	aximum pern Zs for install protective dev	(meas	sured end	to end)	All ci (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Bault loop impedance, Zs	time	RCD	
		μ μ	Num	Live (mm <sup>2</sup> )	cpc ≥		_		(A)				(Line) rl	(Neutral) rn	(cpc) r[]	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		ing Ω	(ms)	RCD	4FDD
1/L1	ROOM SOCKETS	A C	4	2.5	1.5 0.4	60898	MCB	В	16	6	(	2.18				0.32		>999	>999	500		0.66	(110)		
1/L2	HEATER	A C	1		1.5 0.4			В	16	6		2.18				0.30		>999	>999	500		0.64			
1/L3	CONTACTOR / LIGHTS	A C	3	1.5	1 0.4	60898	MCB	В	6	6		5.82				0.48		>999	>999	500	<b>√</b>	0.82			
(to l	be completed in every case)	Locati	3					Sigr	nature:	MA		DSON		TES	TINST	Date:	23/08/								
Supp	E COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION         / to DB is from: (DB 2 LEVEL 2       ) Nominal voltage: (230       )V       No. of phases: (1       )         urrent protection device for the distribution circuit Type: (BS EN       ) Rating: (40       )A															<b>r serial</b> i-functio	number on:	agains			<b>iment us</b> tinuity:	sed)			
Over	current protection device for the distrib	ISOCKETS       A       C       4       2.5       1.5       0.4       80898       MCB       B       16       6       2.18       1 <th1< th="">       1       <th1< th=""> <th1< th=""></th1<></th1<></th1<>														(	lation re	esistanc		)	(		oop imped	anco:	)
Asso	ciated RCD (if any) Type: (BS EN	UTION BOARD (DB) DETAILS       DB designation: DB43       TESTED BY       Name (capitals): MARK HUDSON         ACTOR / LIGHTS       A       C       B       1.5       D       A B0898 MCB       B       B       5       5.82       Image: Section of DB: LH3         DMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION       Signature:       Image: Section of DB: LH3       Image: Section of DB: S														; (			-	)	(		oop inipeu		)
Char	acteristics at this DB Confirmation of	supply pole	rity: (	)	Phase seq	uence d	confirmed (whe	re app	ropriat	:e): 🗖	) <i>z</i>	r <sub>s</sub> (	)Ω	77 (	) kA		n electro	ode resi	stance:	: )	RCD: (	:			)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP c				• •		in the respective f Copyright Certsure							, 	n BS 7671	l, state sou	irce:						 Page	56 of	106



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ICR18

# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	T 11 : SCHEDULE OF CIRCUIT DI	ETAILS AND TE	ST RESULTS	Circuits/equipm	ent vulnerable	e to dam	age when testi	ng:											
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	n (D) Thermoplastic cables metallic trunking	in (E) Thermopla non-metall	stic cables ir lic trunking	n (F) Thermoplastic	/ SWA cables	s (G) Therm	osetting / SV	VA cables (H	) Mineral-i	insulated cal	bles (O)	other - state	9			
Circuit number	Circuit description	Type of wiring (see Codes) (BS 7671) Number of points served	Circuit conductor csa discomune ction w. (I22 022 Circuit conductor csa discomune conductor csa discomune conductor csa		tive device	ircuit city	Operating current, IΔn Maximum permitted Zs for installed protective device*	Ring fi (measi	Circuit	impedano s only o end)	ces (Ω) All circ (complete one col	at least	Insula	ation resi	Test	Polarity Max. measured earth Sfault loop impedance, Zs	RCD operating time		est tons
		Typ (se (E (E (E	Live cpc ≥ (mm²) (mm²) (s)	BS (EN)	Type (2) Rating	ۍ د	(mA) (Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(RI+RI)	RI	Live (MΩ)	Earth (MΩ)	voltage DC (V)		) (ms)	RCD	AFDD
1/L1	ROOM SOCKETS HEATER			60898 MCB	B 16	6	2.18				0.46				500	✓ 0.79			$\vdash$
1/L2	HEATER CONTACTOR / LIGHTS			60898 MCB	B 16	0	2.18				0.29				500	✓ 0.62			┝──┦
1/L3		AUS	1.5 1 0.4	60898 MCB	B 6	D	5.82				0.36		>999	>999	500	✓ 0.69			$\square$
(to	TRIBUTION BOARD (DB) DETAI be completed in every case) BE COMPLETED ONLY IF THE DI	Location of D	B: <u>JS 1</u>			Sign	ne (capitals): M nature: MA		DSON		TEST		Date:	ion: <u>Eler</u> 23/08/: NTS	2019				
	bly to DB is from: (DB 2 LEVEL 2				ominal voltage			of phase	es: (1	)		• <mark>serial</mark> -functio		agains		n <mark>strument</mark> Continuity			
	current protection device for the distrib	oution circuit Type	: (BS EN <u>61009</u>		) Rating		)A		·	·······	(				) (				)
	ciated RCD (if any) Type: (BS EN			No. of poles: ( <u>1</u>	-		)mA Oper	atina tim	ie: (18.4	)ms	11.	ation re	esistanco	e:	) (	Earth faul	t loop imped	lance:	)
	acteristics at this DB Confirmation of							-		) kA	Earth	electro	ode resi	stance:	) (	RCD:			)
							20	~	<i>p.</i>										'
	rtificate is based on the model forms shown i ed by Certsure LLP Certsure LLP	n Appendix 6 of BS 76 operates the NICEIC &		value in the respective © Copyright Certsu			*Where fig	ure is not t	taken from	185/671	, state sour	'ce:					Page	e 57 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	TAILS	AND	) TES	ST RE	SUL	rs	Ci	rcuits/equip	oment	vulne	erable	to dam	nage w	hen testi	ing:												
CODES	S For Type of wiring (A) Thermoplastic insulated / (	B) Therm metalli	oplastic c ic conduit	ables in	(C) Th	hermoplas on-metalli	stic cables i c conduit	n (D)	Thermoplastic cat metallic trunking	bles in	(E) Th	ermoplast n-metallic	tic cables i c trunking	<sup>in</sup> (F) <sup>·</sup>	l hermoplastic	: / SWA cables	s (G) Ther	mosetting / S	WA cables (	H) Mineral-	insulated ca	ibles (O	) other - stat	te				
her	Circuit description	ring es)	ethod 1)	points served	Cir	rcuit ctor csa			Prote	ective d	levice	1		RCD		Ring	Circuit	t impedar ts onlv	. ,	rcuits	Insu	ation res	istance		ed earth dance, Zs	RCD operating time	Te butte	
Circuit number		Type of wiring (see Codes)	eference M (BS 767	ber of point			ax. disconn time (BS 76		3S (EN)		Type	Rating	iort-circuit capacity	Operatin current, Iz	aximum per Zs for insta rotective de				(complet	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	ax. measure loop impeo		DOD	AFDD
			ц	Num	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	≦ (s)		-			(A)				(Line) r0	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ω Ωiault	(ms)	RCD	AFDD
1/L1	ROOM SOCKETS	А	С	4	2.5		0.4			E	В	16	6		2.18				0.31		200+	200+	500	$\checkmark$	0.62	5.9	$\checkmark$	
	HEATER	_		1	2.5							16	6		2.18				0.29		200+	200+	500			5.9	$\checkmark$	
1/L3	CONTACTOR / LIGHTS	А	C	3	1.5	1	0.4	60898	MCB	E	В	6	6		5.82				0.38		200+	200+	500	$\checkmark$	0.72	5.9	$\checkmark$	
(to b	e completed in every case)	Lo	cation	of DB	: <u>JS</u> 2	2 ABO\							Sigr	nature:	MA		DSON				Date	: <u>23/08/</u> ENTS	2019					
Supp	DM SOCKETS       A       C       4       2.5       h.5       b.4       B0898 MCB       B       16       B       2.18       Internation       In														)				r agains				sed)					
	TRIBUTION BOARD (DB) DETAILS be completed in every case)         DB designation: DB45 Location of DB: JS 2 ABOVE DOOR         TESTED BY ISSUE         Name (capitals): MARK HUDSON Signature:         Position: Electrician           TRIBUTION BOARD (DB) DETAILS be completed in every case)         DB designation: DB45 Location of DB: JS 2 ABOVE DOOR         TESTED BY ISSUE         Name (capitals): MARK HUDSON Signature:         Position: Electrician           TRIBUTION BOARD (DB) DETAILS be completed in every case)         DB designation: DB45 Location of DB: JS 2 ABOVE DOOR         TESTED BY ISSUE         Name (capitals): MARK HUDSON Signature:         Position: Electrician           BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION por UB Bis from: (DB FIRST FLOOR CIR 1111 															on impod		)										
Asso	Int         ROM SOCKETS         A         C         A         C         A         C         A         C         B         B0888 MCB         B         B         B         D         Int         D         D11         Z004- Z00- Z00- Z00- Z00- Z00- Z00- Z00-															)	(		oh uuheg	ance:	)							
Chara	acteristics at this DB Confirmation of s	supply	polarit	y: (Ye	s)	Phas	se sequ				appr			) <sub>Z</sub>	s ( <u>0.34</u>	)Ω	<sub>了,</sub> (73.7	) kA		h electro	ode resi	stance:	)	RCD: (	:			)
L This ce	rtificate is based on the model forms shown in							r value i	in the respect	tive fiel	lds, as	appro	priate.				r		l, state sou	irce:						···	E0 - f	100
Dublich	ed by Certsure LLP Certsure LLP or	erates t	the NIC	FIC & I	FLECS4	A brand	s	© (	Copyright Cer	rtsure I I	IP (Ji	ulv 2018	3)													Page	58 of	100



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# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAF	T 11 : SCHEDULE OF CIRCUIT D	ETAILS AND TE	ST RESULTS	Circuits/equip	pment vuln	erable	to dama	age wh	en testiı	ng:												
COD	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	n (C) Thermoplastic cables non-metallic conduit	in (D) Thermoplastic ca metallic trunking	ables in (E) T	Thermoplast non-metallic	tic cables in trunking	י <b>(F)</b> דה	ermoplastic	/ SWA cables	G (G) Therr	nosetting / SV	WA cables (	H) Mineral-i	insulated ca	ables (O	) other - state	.e				
Circuit number	Circuit description	Type of wiring (see Codes) (see Codes) (BS 7671) Number of points served	Circuit conductor csa disconnection (1202) conductor con		tective device	e	iti .	ating nt, I∆n	Maximum permitted Zs for installed protective device*	Ring f (meas	Circuit final circuit sured end t	t impedan ts only to end)	All ci	e at least	Insu	lation resi	stance	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	RCD operating time	Te butt	est ions
Circuit		Type o (see C (BS 1 (BS 1	Live cpc (mm <sup>2</sup> ) (mm <sup>2</sup> ) (s)	BS (EN)	Type	(A) Rating	Short-circuit Capacity	. Cober Contrect	Maximum Δ Zs for ii protective	(Line)	(Neutral)	(cpc)	one co	olumn) Rī	Live / Live (MΩ)	Earth	Test voltage DC	Pok	Max. mea Jault loop in	(ms)	RCD	AFDD
1/L1	ROOM SOCKETS	A C 4	2.5 1.5 0.4	60898 MCB	В	16			2.18				0.60		200+	200+	500	$\checkmark$		8.7	$\checkmark$	
1/L2	HEATER	A C 1	2.5 1.5 0.4	60898 MCB	В	16	6						0.35		200+	200+	500			8.7	$\checkmark$	
1/L3	CONTACTOR / LIGHTS	A C 3	1.5 1 0.4	60898 MCB	В	6	6	30	5.82				0.45		200+	200+	500	$\checkmark$	0.72	8.7		
	TRIBUTION BOARD (DB) DETAI be completed in every case)	L3 0			TESTE	D BY					DSON				Date	tion: <u>Ele</u> , :: <u>23/08/</u> ;						
		B IS NOT CONN	NECTED DIRECTL							ofnhase	us <sup>.</sup> (1	ì	ente (ente	T INST r serial i-functio	numbe	ENIS r agains	t each ii		ment us inuity:	ed)		
		A       C       1       2.5       1.5       D.4       B0898 MCB       B       16       6       30       2.18         CTOR/LIGHTS       A       C       3       1.5       1       D.4       B0898 MCB       B       6       6       80       5.82         CTOR/LIGHTS       A       C       3       1.5       1       D.4       B0898 MCB       B       6       6       80       5.82         CON BOARD (DB) DETAILS       DB designation: DB46       TESTED BY       Name (capitals): MARK HUDSON         Detect in every case)       Location of DB: JS 3       Tested Bission Signature:       Machine Signature:       Machine Signature:       Machine Signature:         IPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION       Nominal voltage:       V       No. of phases: (1)       V         is from:       (ABOVE DOOR IN RM       V       No. of phases: (1)       V       No. of phases: (1)         irrotection device for the distribution circuit       Type: (BS EN 61009 B       )       Rating: (40) A															) (	(	muity.			)
	-			No of poles: (		-			A Oner:	ating tim	e <sup>.</sup> (20	) ms		lation re	esistanc	;e:	) (	Earth (	n fault lo	oop imped	ance:	)
	acteristics at this DB Confirmation of								-	)Ω		) kA	Eart	n electro	ode res	istance:	) (	RCD: (				)
	rtificate is based on the model forms shown i red by Certsure LLP Certsure LLP	n Appendix 6 of BS 76 operates the NICEIC &		r value in the respec © Copyright Cer						/	-	n BS 7671	, state sou	rce:						 Page	59 of	106

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# **ELECTRICAL INSTALLATION CERTIFICATE**

PART 11 : SCHEDULE OF CIRCUIT DET	AILS AND	TEST RES	SULTS	Circu	uits/equipmer	nt vulne	erable	to dam	age wł	ien testii	ng:												
CODES For Type of wiring (A) Thermoplastic insulated / (B	) Thermoplastic cable metallic conduit	les in (C) The	rmoplastic cables -metallic conduit	in (D) The	rmoplastic cables in allic trunking	(E) Th	hermoplast on-metallic	tic cables ir c trunking	י <b>(F)</b> דו	nermoplastic	/ SWA cables	G (G) Thern	nosetting / SV	VA cables (	<b>H)</b> Mineral-i	insulated ca	ibles (O	) other - stat	е				
Circuit description		0.	uit or cso		Protective			1	RCD	nitted led vice*	Ding		impedanc	. ,	au ita	Insul	ation res	istance		d earth ance, Zs	RCD operating time	Te butt	
Circuit num	Type of wiri (see Code eference Me (BS 7671 her of noints		ax. disconne time (BS 76		3S (EN)	Type	Rating	iort-circuit capacity	Operating current, I∆	aximum perr Zs for instal rotective dev				(complete	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	une	DOD	AFDD
	R R	Live	<sub>cpc</sub> ≥		<b>L</b>						(Line) rll	(Neutral) rn	(cpc) rll	(RI+RI)	RI	(MQ)	(MQ)	(M)		Qault	(ms)	RCD	AFDD
1/L1 ROOM SOCKETS	A C 4	2.5 1		60898 M	СВ	В	16	6						(1.62-1.67		(2)	200+	500		0.72	8	$\checkmark$	
1/L2 HEATER	A C 1					В	16	6									200+	500		0.59	8	$\checkmark$	
1/L3 CONTACTOR / LIGHTS	A C 3	1.5 1	0.4	60898 M	СВ	В	6	6		5.82							200+	500	$\checkmark$	0.83	8	$\checkmark$	
(to be completed in every case)	Location of	of DB: <u>JS 4</u>		<u>Y TO T</u>				Sign	ature:	MA		DSON		) <u>TES</u>	TINST	Date:	: <u>23/08/</u> ENTS	2019					
Supply to DB is from: (DB 11L2 1ST FLOOR RIS!	R				) Norr	ninal vo	oltage:	(230	) V	No.	of phase	s: ( <u>1</u>	)				r agains			ment us inuity:	ed)		
S       F       B														(									
Associated RCD (if any) Type: (BS EN 61009	/ <b>3</b> 1. n	(30	) m.	A Opera	ating tim	e: (9.9	)ms	(	auon re	รารเล่าใต	е.	)	⊂artr ′	i iaut lo	on imped		)						
Characteristics at this DB Confirmation of su											ating tim								l		oop impeda	ance:	) )
	ipply polarity:	( <u>Yes</u> )	Phase sequ	ience cor	nfirmed (wher	e appr				-	-		) kA	Earth (	n electro	ode resi	stance	: )	( RCD: (		oop impeda	ance:	) )



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# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAF	RT 11 : SCHEDULE OF CIRCUIT DI	ETAILS AND TE	ST RESULTS	Circuits/equip	pment vuln	erable	to dama	iage wh	ien testii	ng:												
COD	ES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	n (C) Thermoplastic cables non-metallic conduit	in (D) Thermoplastic ca metallic trunking	ables in (E) T	'hermoplast ion-metallic	tic cables in trunking	n <b>(F)</b> ⊺h	nermoplastic	/ SWA cables	(G) Therr	nosetting / SV	WA cables (	H) Mineral-i	insulated ca	ables (O	) other - state	.e				
Circuit number	Circuit description	Type of wiring (see Codes) (see Codes) (BS 7671) Number of points served	Circuit conductor csa disconnection (1202) conductor con		tective device		cuit V	rating D nt, I∆n D	Maximum permitted Zs for installed protective device*		Circuit inal circuit ured end t		All ci	e at least	Insul	lation resi		Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs	RCD operating time	Te butt	est ions
		Type ( (see (see (BS Number of	Live cpc (mm²) (mm²) (s)	BS (EN)	Type	(A) Rating	<ul> <li>Short-circuit</li> <li>capacity</li> </ul>	(mA)	(Ω)	(Line) r1	(Neutral) rn	(cpc) rl	one co (RI+RI)	R	Live / Live (MΩ)	Earth (MΩ)	Test voltage DC (V)			(ms)	RCD	AFDD
1/L1	ROOM SOCKETS	AC4	2.5 1.5 0.4	60898 MCB	В	16	6		2.18				0.46		200+	200+	500	_		8.9	$\checkmark$	
1/L2	HEATER	A C 1	2.5 1.5 0.4	60898 MCB	В	16	6		2.18				0.33		200+	200+	500		0.61	8.9	$\checkmark$	
1/L3	CONTACTOR / LIGHTS	A C 3	1.5 1 0.4	60898 MCB	В	6	6	30	5.82				0.18		200+	200+	500	$\checkmark$	0.29	8.9	$\checkmark$	
(to	TRIBUTION BOARD (DB) DETAI be completed in every case) BE COMPLETED ONLY IF THE DI	Location of D	)B: <u>JS 5</u>				Sign	ature:	MA		DSON		) <b>TFS</b>	TINST	Date	tion: <u>Ele</u> :: 23/08/3						
	be COMPLETED UNLY IF THE DI ply to DB is from: (DB 1ST FLOOR RISER				Nominal v			LA 110 )V		of phase	s: (1	)	ente (ente	r serial i-functio	numbe	r agains	t each ii		ment us inuity:	ed)		
	rcurrent protection device for the distrib		e: (BS EN <u>61009 B</u>			Rating:		)A		- F	- \ <u></u>	······,	(				) (	(				)
Ass	ociated RCD (if any) Type: (BS EN 610	09	)	No. of poles: (2	2)	⊠∆n	(30	) m/	A Opera	ating tim	e: ( <u>20</u>	) ms		lation re			) (	(		op imped	ance:	)
Cha	racteristics at this DB Confirmation of	supply polarity: (Y	(es) Phase sequ	ience confirmed (v	where app			Zs	. ( <u>0.10</u>	)Ω	77 (	) kA		n electro	ode resi	istance:	) (	RCD: (				)
	ertificate is based on the model forms shown i hed by Certsure LLP Certsure LLP	n Appendix 6 of BS 76 operates the NICEIC &	•	r value in the respec © Copyright Cer				*W	Vhere figu	ure is not t	taken fror	n BS 7671	, state sou	rce:						 Page	61 of	106

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

# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS AND TE	ST RESU	LTS	Circu	iits/equipmei	nt vuln	erable	to dam	age when testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermo	plastic cables in tallic conduit	(D) Ther	rmoplastic cables in allic trunking	(E) T	Thermoplast non-metallic	ic cables in trunking	n (F) Thermoplastic	/ SWA cables	s (G) Therr	nosetting / S	WA cables (	<b>H)</b> Mineral-i	insulated cat	oles (O)	) other - state					
mber	Circuit description	wiring des) Method 71) ints served	Circuit conductor o	ection 7671)		Protective	e device	e		ing I∆n ermitted device*		Circuit final circuit sured end t		ces (Ω) All cir (complet		Insula	ation resis	stance	ity	ured earth edance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	Live cp	Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n Maximum permitted Zs for installed protective device*		(Neutral)	(cpc)	one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Bfault loop impedance, Zs		RCD	AFDD
1/1 1	ROOM SOCKETS	Ž	(mm²) (mn	n²) (s)	60898 M	CP	B	(A)	(kA)	(mA) (Ω)	`r0 ́	` rn ´	rŰ	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1/L1 1/L2	HEATER		2.5 1.5 2.5 1.5		60898 M		B	16 16	6	2.18 2.18				0.41 0.22				500 500					
1/L2	CONTACTOR / LIGHTS		1.5 1		60898 M		B	6	6	5.82				0.22				500					
DIS	TRIBUTION BOARD (DB) DETAIL	<b>c</b> DB designatio	on: DB49			١T	ESTE	D BY	Nam	ne (capitals): M	ARK HU	DSON				Positi	ion: Elec	ctrician					
	be completed in every case)	Location of D								ature: MA						Date:	23/08/2						
TO	BE COMPLETED ONLY IF THE DB	IS NOT CONN	ECTED D	IRECTLY	( TO TH	IE ORIGIN	OF T	HE IN	STAL	LATION								t each in	netrum	nont use	(he		
Supp	bly to DB is from: (					) Non	ninal v	oltage:	(	)V No.	of phase	es: (	)	11.1	i-functio		ayamst		Contin		,uj		
Over	current protection device for the distribu	ution circuit Type	: (BS EN				)	Rating:	(	)A				(	lation re	sistance	е.	) (	Farth	fault lor	op impeda	ance.	)
Asso	ociated RCD (if any) Type: (BS EN			)	No. of	poles: (	)	<u>/</u> ∄_n	( <u>30</u>	)mA Oper	ating tim	ne: ( <u>14.2</u> X	( <u>1</u> )ms	;   (				) (	[				)
Chai	acteristics at this DB Confirmation of	supply polarity: (	) Ph	nase seque	ence con	firmed (whei	re app			<sub>Zs</sub> (0.37	)Ω [	77 ( <u>66.5</u>	) kA		1 electro	ode resis	stance:	) (	RCD:				)
	rtificate is based on the model forms shown in ned by Certsure LLP Certsure LLP o	Appendix 6 of BS 76 perates the NICEIC &				ne respective f yright Certsure				*Where fig		r		, state sou	rce:				,		Page	62 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS AND TE	ST RESU	LTS	Circui	its/equipmer	nt vuln	erable	to dam	age when testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermop non-met	plastic cables in tallic conduit	(D) Therr meta	moplastic cables in Ilic trunking	(E) T	'hermoplasti ion-metallic	ic cables in trunking	n (F) Thermoplastic	/ SWA cables	s (G) Therr	nosetting / S	WA cables (	<b>H)</b> Mineral-i	insulated cat	oles (O)	) other - state					
mber	Circuit description	wiring des) Method 71) ints served	Circuit conductor c	ex 7671)		Protective	e device	e		ing I∆n ermitted device*		Circuit final circuit sured end t		ces (Ω) All cir (complet		Insula	ation resis	stance	ity red earth	edance, Zs dance, Zs	RCD perating time	Tes butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	Live cp	Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n Maximum permitted Zs for installed protective device*		(Neutral)	(cpc)	one co		Live / Live	Live / Earth	Test voltage DC	Polarity Max. measure	Max. measured eartin Öfault loop impedance, Zs do		RCD	٩FDD
1/1 1	ROOM SOCKETS	Ž	(mm²) (mm	n²) (s)	60898 MC	סי	B	(A)	(kA)	(mA) (Ω)	`r0 ́	` rn ´	rŰ	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1/L1 1/L2	HEATER		2.5 1.5 2.5 1.5		60898 MC		Р В	16 16	6	2.18 2.18				0.24 0.28				500 500	✓ 0. ✓ 0.				
1/L2	CONTACTOR / LIGHTS		1.5 1		60898 MC		B	6	6	5.82				0.20				500	✓ 0. ✓ 0.				
DIC	TRIBUTION BOARD (DB) DETAIL	<b>c</b> DB designatio	n: DB50			, T	ESTE	D BY	Nam	ne (capitals): M	ARK HUI	DSON				Positi	ion: Elec	ctrician					
	be completed in every case)	Location of DI								ature: MA						Date:	23/08/2						
Т0	BE COMPLETED ONLY IF THE DB	IS NOT CONN	ECTED D	IRECTLY	( TO TH	E ORIGIN	OF T	HE IN	STAL	LATION						RUME		t each iu	nstrum	ent used)	)		
Supp	bly to DB is from: (					) Nom	ninal v	oltage:	(	)V No.	of phase	es: (	)	11.1	i-functio		aguinot		Continu		,		,
	current protection device for the distribute							Rating:		)A()				l ( Insu	lation re	sistance	 e:	) (	Earth f	ault loop	impeda	ince:	)
Asso	ciated RCD (if any) Type: (BS EN			)	No. of p	poles: (	)	l∄∆n	( <u>30</u>	)mA Oper	ating tim	ne: ( <u>18.6X</u>	<u>(1</u> )ms	;   (		ode resis		) (	RCD:				)
Chai	racteristics at this DB Confirmation of	supply polarity: (	) Ph	iase seque	ence conf	firmed (wher	e app	ropriate	e):	<sub>Zs</sub> ( <u>0.39</u>	)Ω	77 ( pf	) kA				stande:	) (					)
	ertificate is based on the model forms shown in ned by Certsure LLP Certsure LLP of	Appendix 6 of BS 76 perates the NICEIC &				e respective fi right Certsure				*Where fig	ure is not	taken fron	n BS 7671	l, state sou	rce:						Page	63 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS	AND	) TES	ST RE	SULTS	C	Circuits/e	quipmen	t vulne	erable	to dam	nage wł	nen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (	(B) Thermo metallio	noplastic ca lic conduit	ables in	(C) Th	nermoplastic cabl on-metallic condu	es in (D	) Thermoplast metallic trur	tic cables in hking	(E) Th	hermoplas on-metalli	stic cables i ic trunking	<sup>in</sup> (F) т	nermoplastic	/ SWA cables	G (G) Therr	nosetting / S	WA cables (	H) Mineral-	insulated ca	bles (O	) other - state	.e				
Der	Circuit description			served	Cir	cuit			Protective	device	•		RCD	nitted led vice*			impedan	. ,		Insul	ation resi	istance		d earth ance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served		lax. disconnection		BS (EN)		Type	Rating	Short-circuit capacity	Operating current, ΙΔn	Maximum permitted Zs for installed protective device*	(meas	final circuit	o end)		rcuits e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs	ume	RCD	
			œ	Num	Live (mm²)	cpc ≥ (mm²) (s)		_			(A)	っ (kA)	(mA)	Σ <u>α</u> (Ω)	(Line) rll	(Neutral) rn	(cpc) rll	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		äni Ω	(ms)	RCD	4FDD
1/L1	ROOM SOCKETS	Α	C		2.5	1.5 0.4	60898	8 MCB		В	16	6		2.18				0.36		>999	>999	500		0.89	(		
1/L2	HEATER	А	C			1.5 0.4		8 MCB			16	6		2.18				0.32			>999	500		0.85			
1/L3	CONTACTOR / LIGHTS	А	C	3	1.5	1 0.4	60898	8 MCB		В	6	6		5.82				0.39		>999	>999	500	$\checkmark$	0.92			
(to	TRIBUTION BOARD (DB) DETAIL be completed in every case) BE COMPLETED ONLY IF THE DB	Loc	3 desig ication <b>OT CO</b>	of DB	6: <u>PR 2</u>	2		) THE O				Sigr	nature:	MAS	IARK HUI	DSON		TES	TINS	Date:	: <u>23/08/</u> ENTS						
Sup	bly to DB is from: (								) Nom	inal vo	oltage	: (	)V	No.	of phase	es: (	)		<b>r serial</b> ti-functio		agains	st each i		ment us inuity:	ed)		
Over	current protection device for the distribu										Rating		)A					(				) (	(				)
	ciated RCD (if any) Type: (BS EN							o. of poles		)	_∄_n		) m/	A Oper	ating tim	e: (18.2X	(1)ms		iation re	esistanc	e:	) (	(		op impeda	ance:	)
	racteristics at this DB Confirmation of s							-		e appr					)Ω		) kA	Eart	h electro	ode resi	stance:	)	RCD: (				)
	ertificate is based on the model forms shown in ned by Certsure LLP Certsure LLP of					Enter a ( 🗸 A brands		e in the res Copyright									n BS 767	l, state sou	ırce:						 Page	64 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PART 11 : SCHEDULE OF CIRCUIT DET	AILS AND TH	EST RESULTS	Circuits/equi	ipment vuln	erable t	to dama	age when te	sting:												
CODES For Type of wiring (A) Thermoplastic insulated / (B sheathed cables	3) Thermoplastic cables i metallic conduit	in (C) Thermoplastic cables i non-metallic conduit	n (D) Thermoplastic c metallic trunking	cables in (E) Th	hermoplasti on-metallic	ic cables in trunking	• (F) Thermopla	stic / SWA cabl	es (G) Therr	nosetting / S	WA cables (	H) Mineral-	insulated cal	bles (O	) other - stat	e				
Circuit description	thod served	Circuit	Pro	otective device	•		RCD *			impedan	. ,		Insula	ation res	istance		l earth ince, Zs	RCD operating	Tes butto	
Circuit number	Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	lax. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, IΔn Maximum permitted Distalled	Ring (mea	final circuit asured end t	o end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs	time	RCD	AEDD
	L L L L L L L L L L L L L L L L L L L	Live cpc ≥ (mm²) (mm²) (s)			(A)	っ (kA)	(mA) (Ω)	Line)	(Neutral) rn	(cpc) r[]	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		ing Ω	(ms)	NCD /	AFDD
1/L1 ROOM SOCKETS	AC4	2.5 1.5 0.4	60898 MCB	В	16	6	2.18				0.42		>999	>999	500	$\checkmark$	1.05			
1/L2 HEATER	A C 1		60898 MCB	В	16	6	2.18				0.23		>999	>999	500		0.86			
1/L3 CONTACTOR / LIGHTS	A C 3	1.5 1 0.4	60898 MCB	В	6	6	5.82				0.28		>999	>999	500	$\checkmark$	0.91			
DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) TO BE COMPLETED ONLY IF THE DB I	Location of E	)B: <u>PR 3</u>	Y TO THE ORI			Sign	e (capitals): ature: <i>M</i>		JDSON			TINST	Date:	23/08/						
								o. of phas	es: (	)		<b>r serial</b> i-functio		agains			ment us inuity:	ed)		I
Overcurrent protection device for the distribut					Rating:		)A	•			(				)	(		······		)
Associated RCD (if any) Type: (BS EN					<u>⊿</u> n		)mA Op	erating tiı	ne: (18.2)	(1)ms		lation re	esistanc	e:	)	Earth (	n fault lo	op impeda	ance:	)
Characteristics at this DB Confirmation of su								β)Ω		)kA	Earth	n electro	ode resi	stance:	)	RCD: (	:			)
L This certificate is based on the model forms shown in A Published by Certsure LLP Certsure LLP Certsure LLP	Appendix 6 of BS 70 erates the NICEIC 8		r value in the respec						t taken fror	n BS 7671	, state sou	rce:						 Page	65 of	106



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

# **ELECTRICAL INSTALLATION CERTIFICATE**

PA	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS AND	TEST RI	ESULTS	Circuits/equ	uipment vu	ulnerable	e to dam	age when testi	ng:												
COD	ES For Type of wiring (A) Thermoplastic insulated / (	B) Thermoplastic ca metallic conduit	ibles in (C) 1	l Thermoplastic cables i non-metallic conduit	n (D) Thermoplastic metallic trunki	cables in (E	) Thermopla: non-metalli	stic cables ir ic trunking	י <b>(F)</b> Thermoplastic	/ SWA cables	G) Therm	iosetting / SV	VA cables (H	) Mineral-i	insulated cat	oles (O)	other - state					
mber	Circuit description	viring des) Method 71)	condu condu	rcuit Intection 2671)	Pi	rotective de	vice		ing I∆n ermitted talled bevice*		final circuits		All cire		Insula	ation resi	stance	ty	ired earth edance, Zs	RCD operating time	Tes butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Max. disconnection time (BS 7671)	BS (EN)		Type Rating	Short-circuit capacity	Operating current, IΔn Maximum permitted Zs for installed protective device*		ured end to	(cpc)	(complete one col		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Bault loop impedance, Zs	-	RCD /	\FDD
4 // 4			(11111)-	) (mm²) (s)	00000 1400		(A)	(kA)	(mA) (Ω)	rl	rn	r0	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1/L1	ROOM SOCKETS		4 2.5		60898 MCB	В	16	6 C	2.18				0.30				500		0.88			
1/L2	HEATER		1 2.5		60898 MCB	B		0	2.18				0.26				500	$\checkmark$				
1/L3	CONTACTOR / LIGHTS	A C	3 1.5	1 0.4	60898 MCB	В	b	þ	5.82				0.37		>999	>999	500	$\checkmark$	0.95			
	TRIBUTION BOARD (DB) DETAIL: be completed in every case)	5	nation: <u>DB</u>			TES	TED BY		ne (capitals): <u>M</u> ature: <i>M</i>		DSON					on: <u>Elec</u> 23/08/2						
TO	BE COMPLETED ONLY IF THE DB		NINECTE		Y TO THF OR											PTM						
	DE COMIN ELLED ONEL IN THE DD	10 1001 00	ININEGIE				. I UC IIV	1914L	LATION						RUME							
Sup					)					of phase	es: (	)	enter (enter		number			<mark>ıstrun</mark> Contir		ed)		
· ·					)	Nomina		: (		of phase	es: (	)	(enter Multi	r <mark>serial</mark> -functio	number on:	against	) (	Contii	nuity:		unce:	)
Ove	ply to DB is from: (	ition circuit	Type: (BS E	N	)	Nomina	al voltage ) Rating	): (	)V No.	·		) <u>1</u> )ms	(enter Multi (	function re	number on: esistance	<b>agains</b> t	) (	Contir Earth	nuity: fault loo	<b>ed)</b> op impeda	ince:	)
Ove Ass	ply to DB is from: (	ition circuit	Гуре: (BS E	EN)	) No. of poles:	) Nomina 	al voltage ) Rating ) <u>A</u> n	9: ( 1: ( , ( <u>30</u>	)V No. )A )mA Oper	ating tim	e: ( <u>18.6X</u>	) 1)ms )kA	(enter Multi ( Insul ( Earth	function re	number on:	<b>agains</b> t	) (	Contii	nuity: fault loo		ince:	)
Ove Ass Cha	ply to DB is from: ( rcurrent protection device for the distribu ociated RCD (if any) Type: (BS EN	tion circuit	Туре: (BS E /: () IS 7671	EN) Phase sequ Enter a ( 🗸 🎸	) No. of poles:	) Nomina (	al voltage ) Rating ) <u>A</u> n ppropriat s, as appro	): ( ): ( , ( <u>30</u> te): <b></b> opriate.	)V No. )A )mA Oper	ating tim )Ω	e: ( <u>18.6X</u>	) kA	(enter Multi ( Insul ( Earth (	ation re	number on: esistance	<b>agains</b> t	) (	Contir Earth	nuity: fault loo	op impeda	ince:	) )



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# **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAR	T 11 : SCHEDULE OF CIRCUIT DI	ETAILS AN	D TES	ST RE	SULTS	Cir	rcuits/equipme	ent vuln	erable	e to dam	nage wł	nen testi	ing:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic metallic condu	cables in it	(C) Ti	hermoplastic cables on-metallic conduit	in (D)	Thermoplastic cables i metallic trunking	in (E) T	'hermopla ion-metall	istic cables ii lic trunking	<sup>in</sup> (F) т	hermoplastic	: / SWA cables	s (G)Therm	iosetting / S	WA cables (	H) Mineral-	insulated ca	ables (O	) other - stat	te				
number	Circuit description	* wiring odes) e Method '671)	oints served					ve device	e	iti	ating 1, I∆n	permitted istalled e device*	Ring t	final circuits	s only	All ci		Insul	lation resi	istance	ırity	sured earth pedance, Zs	RCD operating time		
Circuit r		Type of (see C Reference (BS 7	Number of p	Live	cpc 2		BS (EN)	Type			Opera	Maximum Zs for ir protective			(cpc)		,	Live / Live	Live / Earth	DC	Pola	Max. meas	(	RCD	AFDD
1/L1	ROOM SOCKETS	A C	_	(mm <sup>2</sup> ) 2.5		60898	МСВ	В	(A) 16	(kA) 6	(mA)		٢U	rn	٢IJ		RI		<pre>(MΩ)</pre>				(ms)	-	
	HEATER	A C	1					B		6	+														
	CONTACTOR / LIGHTS	A C	3	1.5	1 0.4			В	6	6		5.82				0.37		>999		500					
(to b	e completed in every case)	Locatio	n of DB	3: <u>PR 5</u>	5					Sign	nature:	MA		DSON				Date	: 23/08/2						
																ente (ente	r serial	numbe	ENIS r agains				ed)		
						Image: Control in the second secon																			
								)	Rating	g: (	)A					Insu	lation re	esistanc	;e:	) (	L Earth	h fault lo	op impeda	ince:	)
CODES for type during         ADD Description and the product of the matching															)										
Chara	acteristics at this DB Confirmation of	supply polar	ity: (	)	Phase seq	uence c	onfirmed (whe	ere app	ropria	te): 🗖	- 20		/	<i>p</i> .		(				) (	(				)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP	n Appendix 6 of operates the NI									*	Where fig	ure is not	taken from	n BS 7671	l, state sou	rce:						 Page	67 of	106

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#### **ELECTRICAL INSTALLATION CERTIFICATE**

PA	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS	S AND	TEST	RESULTS	Cir	cuits/equipr	ment vuln	erable	to dam	nage wł	nen testi	ng:												
COL	ES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therm metal	noplastic cal lic conduit	<sup>ibles in</sup> (C	) Thermoplastic cables non-metallic conduit	sin (D) T	Thermoplastic cable netallic trunking	esin (E) T	'hermoplas ion-metalli	stic cables i ic trunking	<sup>in</sup> (F)⊺	hermoplastic	/ SWA cables	G (G) Therr	nosetting / S	WA cables (	H) Mineral-	insulated ca	bles (O	) other - stat	je				
mber	Circuit description	viring des)	Method 71)	nts served	Circuit ductor csa 2021)		Protec	ctive device	e		RCD	ermitted talled device*	Ring f	final circuit	t impedan ts only	All ci	rcuits	Insul	ation res	istance	ty	ired earth edance, Zs	RCD operating time	Te butte	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	Short-circuit capacity	Operating current, IΔn	Maximum permitted Zs for installed protective device*		ured end t		(complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs		RCD	AFDD
1/1.1	POOM OOOVETO			(m)	m²) (mm²) (s)	00000	1400		(A)	(kA)	(mA)	(Ω)	(2.110) r[	rn	rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1/L1 1/L2	ROOM SOCKETS HEATER	A	C 4	4 2.5 1 2.5	-	60898		В	16	6		2.18				0.38		>999 >999	>999	500		0.92			
1/LZ 1/L3	CONTACTOR / LIGHTS			1 2.5 3 1.5		60898 60898		B	16 6	0 6		2.18 5.82				0.33 0.44		>999	>999 >999	500 500		0.87 0.98			
1/L3		μ_		1.5 נ	ı U.4	00090		P	μ	υ	1	J.02				U.44		>999	>aaa	000	$\checkmark$	0.90			
(to	STRIBUTION BOARD (DB) DETAIL be completed in every case) BE COMPLETED ONLY IF THE DE	Lo	cation o	nation: D of DB: P NNECT	R 6			TESTE		Sign	nature:	MA		DSON		TES	TINST	Date:	23/08/						
Sup	ply to DB is from: (						) N	Vominal v	oltage	: (	)V	No.	of phase	es: (	)		<b>r serial</b> i-functio		agains	st each i		ment us inuity:	ed)		
	rcurrent protection device for the distrib								Rating		)A					(				) (	(				)
	ociated RCD (if any) Type: (BS EN						of poles: (		/ <b>1</b> 1, n	(30	) m.	A Oper	ating tim	e: (18.2)	(1)ms	11.	iation re	esistanc	e:	) (	(		op impeda	ance:	)
	racteristics at this DB Confirmation of												)Ω		) kA	Eart	h electro	ode resi	stance	: ) (	RCD: (	:			)
	ertificate is based on the model forms shown ir shed by Certsure LLP Certsure LLP o						n the respectiv opyright Certs				/*	Where fig	ure is not t	taken fror	n BS 767	l, state sou	irce:						 Page	68 of	106



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#### **ELECTRICAL INSTALLATION CERTIFICATE**

PA	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS	AND	TEST R	ESULTS	Cir	cuits/equipn	ment vuln	erable	to dam	nage wł	nen testi	ng:												
COL	ES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therm metall	noplastic cab lic conduit	oles in (C)	Thermoplastic cables non-metallic conduit	in <b>(D)</b> T	hermoplastic cable netallic trunking	esin (E) T	hermoplas	stic cables ir c trunking	<sup>in</sup> (F)⊺	hermoplastic	/ SWA cables	(G) Thern	nosetting / S	WA cables (	H) Mineral-	insulated ca	bles (O	) other - state	e				
mber	Circuit description	viring des)	Method 71)	Cond cond	Circuit uctor csa 2021)		Protec	ctive device	e		RCD	ermitted talled device*	Ring fi	inal circuit	impedan s only	All ci		Insul	ation res	istance	ty	ired earth edance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Picture Country Served	Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	Short-circuit capacity	Operating current, IΔn	Maximum permitted Zs for installed protective device*		ured end t		(complete one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs		RCD	AFDD
		<u> </u>		(mm	<sup>2</sup> ) (mm <sup>2</sup> ) (s)				(A)	(kA)	(mA)	(Ω)	rl	rn	r[]	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1/L1	ROOM SOCKETS HEATER	A	C 4	2.5	1.5 0.4	60898 I		В	16	6		2.18				0.33		>999	>999	500		0.88			
1/L2 1/L3	CONTACTOR / LIGHTS	A 	C 1	2.5 1.5	1.5 0.4 1 0.4	60898 I		B	16 6	6		2.18 5.92				0.29 0.35		>999 >999	>999 >999	500 500		0.84			
1/L3		μ	ւ ն	1.5	ı U.4	60898 I	VIGD	Б	O	D	1	5.82				0.30		>aaa	>999	puu	$\checkmark$	0.90			
(to	STRIBUTION BOARD (DB) DETAIL be completed in every case) BE COMPLETED ONLY IF THE DE	Lo	cation o	nation: <u>DB</u> of DB: <u>PR</u> NNECTI	7			TESTE		Sign	nature:	MA		DSON			TINST	Date:	23/08/	ctrician 2019					
Sup	ply to DB is from: (						) N	lominal v	oltage	: (	) V	No.	of phase	s: (	)		i-functio		ayanıs			tinuity:	eu)		
Ove	rcurrent protection device for the distrib								Rating		)A					(	ation re	esistanc		) (	(		oop impeda		)
Ass	ociated RCD (if any) Type: (BS EN					) No. (	of poles: (	)	/ <b>3</b> \\ n	(30	) m.	A Oper	ating tim	e: ( <u>18.4</u> X	( <u>1    </u> ) ms	;   (				) (	(		oh uuheas	ance:	)
	racteristics at this DB Confirmation of						onfirmed (wl	here appi			] <sub>Zs</sub>	, ( <u>0.55</u>	)Ω		) kA		n electro	ode resi	stance:	) (	RCD: (	:			)
	ertificate is based on the model forms shown ir shed by Certsure LLP Certsure LLP o				Enter a ( 🗸 🗸		the respectiv				/*	Vhere fig	ure is not t	taken fron	n BS 7671	l, state sou	rce:						 Page	69 of	106



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ICR18

# **ELECTRICAL INSTALLATION CERTIFICATE**

PA	RT 11 : SCHEDULE OF CIRCUIT DE	TAILS	S AND	TEST	RESULTS		Circu	uits/equipm	ient vuln	nerabl	e to da	mage v	vhen test	ing:												
COD	ES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therm metal	noplastic ca Ilic conduit	ables in ((	) Thermoplastic ca non-metallic con	ables in Iduit	(D) The met	rmoplastic cables allic trunking	sin (E) T	Thermopl non-meta	lastic cable: Illic trunking	sin (F)	Thermoplastic	c / SWA cables	s (G) Ther	mosetting / S <sup>1</sup>	WA cables (	H) Mineral	-insulated ca	ables (O	) other - stat	e				
nber	Circuit description	iring es)	1ethod 1)	ts served 0	Circuit nductor csa	671)	•	Protect	tive device	e		RCI	rmitted alled evice*	Ring	final circuit	t impedan ts only		rcuits	Insu	lation res	istance		ed earth dance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	lax. disconr	time (BS 7671)		BS (EN)	Type	Rating	Short-circuit	Capacity Operating Current IAn	Maximum permitted Zs for installed protective device*		sured end			e at least olumn)	t Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Dfault loop impedance, Zs		RCD	
			œ	L N N N	ive cpc	(s)				(A)			≥ <u> </u>	(Line) r	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ωj W	(ms)	NOD	
1/L1	ROOM SOCKETS	А	C 4	4 2.9	i 1.5 0.4		0898 M		В	16	6		2.18						>999	>999	500	$\checkmark$	0.70			
1/L2	HEATER	A	<b>C</b> 1	1 2.9			0898 M		В	16	6		2.18						>999	>999	500		0.65			
1/L3	CONTACTOR / LIGHTS	A	C	3 1.9	5 1 0.4	60	0898 M	СВ	В	6	6		5.82						>999	>999	500	$\checkmark$	0.91			
(to	STRIBUTION BOARD (DB) DETAIL be completed in every case) BE COMPLETED ONLY IF THE DE	Lo	ocation	nation: <u>I</u> of DB: <u>I</u>	JB 7						Sig	gnature	pitals): <u>M</u> : MA		DSON		TES	TINS	Date	: <u>23/08/</u> ENTS						
Sup	ply to DB is from: (							) No	ominal v	oltage	e: (	)\	/ No.	of phase	es: (	)		<b>ti-functi</b>		r agains	st each i		inuity:	ea)		
Ove	rcurrent protection device for the distrib									Rating		)4	A				(	lation r	esistanc		)	(		op impeda	anco:	)
Ass	ociated RCD (if any) Type: (BS EN					)	No. of	poles: (	)	/ <b>A</b>	n ( <u>30</u>	) r	nA Opei	rating tim	ne: ( <u>74X1</u>	) ms	. (				)	(		oh uuhedi		)
Cha	racteristics at this DB Confirmation of	supply	polarity	y: (	) Phase s	sequer	nce con	nfirmed (wh	iere app				<sub>Zs</sub> ( <u>0.39</u>	)Ω	⑦ ( <u>63.8</u>	) kA		h electr	ode res	istance	: )	RCD: (	:			)
	ertificate is based on the model forms shown ir shed by Certsure LLP Certsure LLP o					🗸 Yor v		he respective oyright Certsu					*Where fig	jure is not	taken fror	n BS 7671	, state sou	urce:						 Page	70 of	106



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ICR18

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

# **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	T 11 : SCHEDULE OF CIRCUIT DE	TAILS AND TE	ST RESULTS	Circuits/equipmer	nt vulnerab	le to dam	age when testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	n (C) Thermoplastic cables in non-metallic conduit	n (D) Thermoplastic cables in metallic trunking	(E) Thermop	lastic cables ir allic trunking	n (F) Thermoplastic	/ SWA cables	s (G) Therm	osetting / SV	VA cables (H) M	Mineral-ins	sulated cabl	es (0)	other - state	,				
Circuit number	Circuit description	Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	Circuit conductor csa disconnection time (BS 7671)	Protective		, iti	Operating current, I∆n Maximum permitted Zs for installed protective device*		Circuit final circuits sured end to		All circui (complete at	t least	Insula	tion resis		Polarity	Max. measured earth Dfault loop impedance, Zs	RCD operating time	Te: butto	
Circuit		Type o (see ( Reference (BS Number of p	Live cpc ≥ (mm²) (mm²) (s)	BS (EN)	Type Bating	ۍ <sup>ا</sup>	Ope           (Wm)         Ope           (Dm)         Curre           Maximum         Zs for i           (Dm)         Zs for i	(Line) rl	(Neutral) rn	(cpc) rl	one colun (RI+RI)	RI	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Pol	Max. mea D <sup>6</sup> ault loop ir	(ms)	RCD	AFDD
1/L1	ROOM SOCKETS	AC4		60898 MCB	B 16	6	2.18				0.24				500	✓ 0	0.65			
1/L2	HEATER	A C 1		60898 MCB	B 16	6	2.18				0.19				500	✓ 0				
1/L3	CONTACTOR / LIGHTS	A C 3	1.5 1 0.4	60898 MCB	B 6	6	5.82				0.53	>	>999	>999	500	✓ 0	0.94			
	TRIBUTION BOARD (DB) DETAIL be completed in every case)	<b>S</b> DB designation Location of D			ESTED B		ne (capitals): M ature: MM		DSON					on: <u>Elec</u> 23/08/2						·····
	BE COMPLETED ONLY IF THE DB							<b>6</b> 1	,	,		erial n	umber a	NTS against	t each in			ed)		
				) Nom			)V No.	of phase	es: (	)	Multi-fu	unction	1:		) (	Contin	nuity:			١
	current protection device for the distrib	)A				Insulati	ion resi	istance	r:		Earth	fault loo	op impeda	ance:	/					
	ciated RCD (if any) Type: (BS EN						)mA Oper				Earth e	lectrod	de resis	tance:	) (	RCD:				)
Chai	acteristics at this DB Confirmation of	supply polarity: (	) Phase sequ	ence confirmed (wher	re appropri	ate): 🔲	20	/	r	) kA					) (					)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP o	Appendix 6 of BS 76 perates the NICEIC 8	· •	value in the respective f © Copyright Certsure			*Where fig	ure is not t	taken from	BS 7671,	, state source	e:						Page	71 of	106



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# **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT D	ETAILS AND TI	EST RESULTS	Circuits/equipm	ent vuln	nerable	to dam	age when testi	ing:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables metallic conduit	in (C) Thermoplastic cables i non-metallic conduit	n (D) Thermoplastic cables metallic trunking	; in (E) T	Thermoplas non-metalli	stic cables in ic trunking	n (F) Thermoplastic	/ SWA cables	s (G) Therm	iosetting / SV	VA cables (	H) Mineral-i	insulated ca	bles (O)	other - state	9				
umber	Circuit description	wiring des) Method 571)	Circuit conductor csa disconnection (ISS 7671)	Protect	tive device	e		ting , IΔn DJ bermitted device*	Ring f	Circuit final circuits	impedano s only c end)	ces (Ω) All cir (complete		Insul	ation resi	stance	ity	ured earth bedance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	Live cpc 2	BS (EN)	Type	-	Short-circuit capacity	Operating current, I/An Maximum permitted Zs for installed protective device*	(Line)	(Neutral)	(cpc)	one co	lumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs		RCD	AFDD
1/L1	ROOM SOCKETS		(mm <sup>2</sup> ) (mm <sup>2</sup> ) (s) 2.5 1.5 0.4	60898 MCB	B	(A) 16	(kA) 6	(mA) (Ω) 2.18	rD	rn	r[]	(RI+RI) 0.26	RI	(MΩ) >999	(MΩ) >999	(V) 500		(Ω) 0.67	(ms)	_	
1/L2	HEATER			60898 MCB	B	16	6	2.18				0.18		>999	>999	500		0.59			
1/L3	CONTACTOR / LIGHTS	A C 3		60898 MCB	В	6	6	5.82				0.50		>999		500		0.91			
(to l	TRIBUTION BOARD (DB) DETAI be completed in every case) 3E COMPLETED ONLY IF THE D	Location of E	DB: <u>UB5 L2</u>				Sign	ne (capitals): <u>M</u> nature: MA		DSON		) <b>TES</b>	T INST		ion: <u>Ele</u> 23/08/: NTS						
Supp <b>Over</b>	ly to DB is from: ( current protection device for the distri	<b>bution circuit</b> Typ	e: (BS EN	) No	ominal v	voltage Rating	: (		of phase	es: (	)	Mult (	i-functio		_	) (	Cont	inuity:	ed) oop impeda	ance:	)
	ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation o						( <u>30</u> te):	20	)Ω _/	<sub>羽</sub> (599	) kA	Earth (		ode resi	stance:	) ( ) (	RCD:				) )
	rtificate is based on the model forms shown ed by Certsure LLP Certsure LLP	in Appendix 6 of BS 7 operates the NICEIC		r value in the respective © Copyright Certsu				*Where fig	ure is not	taken from	n BS 7671	, state sou	rce:						 Page	72 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DI	ETAILS AN	D TESI	r res	ULTS	Circui	ts/equipme	ent vuln	erable	to dam	age when test	ing:											
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic metallic condu	cables in iit	(C) Therr	moplastic cables metallic conduit	in (D) <sup>Therm</sup> metall	noplastic cables i lic trunking	in (E) T	hermoplas on-metallio	tic cables in c trunking	n <b>(F)</b> Thermoplasti	c / SWA cables	s (G) Therm	iosetting / S\	WA cables (	H) Mineral-i	insulated ca	bles (O)	other - state	•			
mber	Circuit description	viring des) Method 71)	nts served	Circui conducto			Protectiv	ve device	)		ing IAn ermitted talled tavice*		final circuits		All ci		Insul	ation resi	stance	ty red earth edance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Live	Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n Maximum permitted Zs for installed protective device*	(meas	sured end to	(cpc)	(complete one co	e at least blumn)	Live / Live	Live / Earth	Test voltage DC	Polarity Max. measured earth Matt loop impedance, Zs		RCD	AFDD
1/1.1			(	(mm²) (n	nm²) (s)	00000 140	<b>D</b>		(A)	(kA)	(mA) (Ω)	rD	rn	r	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		) (ms)		
1/L1 1/L2	ROOM SOCKETS	A C				60898 MC		B	16	6	2.18				0.39		>999		500	✓ 1.04			
1/L2 1/L3	HEATER CONTACTOR / LIGHTS	A C		5 1. 5 1		60898 MC		B	16 6	6	2.18 5.82				0.04 0.32		>999 >999		500 500	✓ 0.69			
1/L3		А L	βI	.o I	0.4	60898 MC	D	Þ	o	O	0.82				0.32		>999	>999	000	✓ 0.97			
(to l	TRIBUTION BOARD (DB) DETAI be completed in every case) BE COMPLETED ONLY IF THE DE	Location	ignation: n of DB:	UB 4 L	2	Y TO TH				Sign	ne (capitals): <u>M</u> nature: MA		DSON		TES	TINST	Date:	ion: <u>Elec</u> 23/08/2					
Supp							) No	minal v		: (		. of phase	es: (	)	Mult (	i-functio	on:	-	) (	Strument Continuity	:		)
Asso	ciated RCD (if any) Type: (BS EN				)	No. of p	oles: (	)	<u>/</u> ∄_n	( <u>30</u>	) mA Ope   <sub>Zs</sub> ( <u>0.65</u>			) ms ) kA	; ( Eartl	lation re n electro			) (	Earth faul RCD:	t loop imped	ance:	)
	rtificate is based on the model forms shown in red by Certsure LLP Certsure LLP	n Appendix 6 of operates the NI			iter a ( 🏒 o orands		e respective right Certsur						taken from	n BS 7671	l, state sou	rce:					 Page	73 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	RT 11 : SCHEDULE OF CIRCUIT DI	ETAIL	S AND	TEST	RESUL	rs	Circ	cuits/equipr	ment vulr	nerable	e to dan	nage w	hen testi	ng:												
CODI	ES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Ther meta	moplastic cal allic conduit	<sup>ables in</sup> (C	) Thermoplas	stic cables i c conduit	n (D) TI	hermoplastic cable etallic trunking	<sup>les in</sup> (E)	Thermopla non-metal	astic cables llic trunking	in (F) 1	hermoplastic	/ SWA cables	s (G) Theri	mosetting / S	WA cables (	H) Mineral-	insulated ca	bles (O	) other - state	e				
mber	Circuit description	viring des)	Method 71)	nts served	Circuit ductor csa	inection 7671)		Prote	ective devic	e		RCD	ermitted talled device*		final circuit		All ci	rcuits	Insul	ation resi	stance	ty	ired earth edance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	ve cpc	Max. disconnection time (BS 7671)		BS (EN)	Tvpe	Rating	Short-circuit capacity	Operat current,	Maximum permitted Zs for installed protective device*		sured end			e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs		RCD	AFDD
1/1.4			0	(m)	m²) (mm²)		00000	100	-	(A)			(Ω)	(2.110) r[]	rn	rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1/L1 1/L2	ROOM SOCKETS HEATER	A		4 2.5 1 2.5			60898 N		B	16	6		2.18				0.27		>999 >999	>999	500		0.66			
1/L2 1/L3	CONTACTOR / LIGHTS	A A		1 Z.5 3 1.5		0.4 0.4	60898 N 60898 N		B	16 6	0 6		2.18 5.82				0.21 0.54			>999 >999	500 500		0.62 0.93			
1/13		r -		5 JI.0	ľ	v. <del>4</del>	00030 1	100	Р	٢	ν		0.02				0.54		-333	-333	200	$\sim$	0.00			
(to	TRIBUTION BOARD (DB) DETAI be completed in every case)	L	ocation	nation: D of DB: U	B 3 L2				TEST		Sig	nature:	MA		DSON			TING		23/08/	ctrician 2019					
Sup <b>Ove</b>	BE COMPLETED ONLY IF THE DE oly to DB is from: (	oution c	;ircuit ⊺	Type: (BS	S EN			) N	Nominal v	voltage Rating	e: ( g: (	)V )A	No.	of phase		) 1)ma	(ente Muli (	<b>r serial</b> ti-functio	number	agains	) (	Cont	inuity:	<b>sed)</b> bop impeda	ance:	)
	racteristics at this DB Confirmation of										, ( <u>30</u> ate): 🗲	] <i>z</i>	s ( <u>0.41</u>	ating tim )Ω <u>(</u>	<sub>羽</sub> (591	) kA	Eart		ode resi	stance:	) (	RCD:	:			)
	ertificate is based on the model forms shown in ned by Certsure LLP Certsure LLP C							the respection the respection of the respection of the second second second second second second second second s				*	Where fig	ure is not	taken fror	n BS 7671	l, state sou	irce:						 Page	74 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DI	ETAILS <i>I</i>	AND 1	EST R	ESULTS	Ci	ircuits/equipme	ent vuln	erable	to dam	nage w	hen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermopla metallic c	lastic cable conduit	sin (C)	Thermoplastic cables non-metallic conduit	in (D)	Thermoplastic cables i metallic trunking	in (E) T	'hermoplas ion-metalli	stic cables i ic trunking	<sup>in</sup> (F) 1	l hermoplastic	/ SWA cables	s (G) Therr	mosetting / S	WA cables (	H) Mineral-	insulated cal	bles (O	) other - stat	te				
Der	Circuit description				ircuit		Protecti	ive device	e		RCD	nitted ed ice*			t impedan	. ,		Insula	ation resi	istance		d earth ance, Zs	RCD operating	Te butte	
Circuit number		Type of wiring (see Codes) eference Metho	Relevence meurod (BS 7671) Number of points served		Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	Short-circuit capacity	Operating current, ΙΔn	Maximum permitted Zs for installed protective device*	(meas	final circuit	to end)	All ci (complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	time	RCD	AEDD
		ι c		Live (mm <sup>2</sup>	cpc ≥				(A)	っ (kA)	(mA)	Σ <u>Ω</u>	(Line) rl	(Neutral) rn	(cpc) r[	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ω)	(ms)	RCD	AFUU
1/L1	ROOM SOCKETS	A C	4	2.5	1.5 0.4	60898	MCB	В	16	6		2.18				0.22		>999	>999	500	$\checkmark$	0.66			
1/L2	HEATER	A C	1	2.5	1.5 0.4	60898		В	16	6		2.18				0.16		>999	>999	500		0.60			
1/L3	CONTACTOR / LIGHTS	A C	3	1.5	1 0.4	60898	MCB	В	6	6		5.82				0.49		>999	>999	500	<b>∽</b>	0.93			
(to l	TRIBUTION BOARD (DB) DETAI be completed in every case) 3E COMPLETED ONLY IF THE DE	Loca	ation of	tion: DB DB: UB	2 L2					Sigr	nature:	MA	IARK HUI	DSON			TINS	Date:	: <u>23/08/</u> ENTS						
Supp	ly to DB is from: (						) No	ominal v	oltage:	: (	) V	No.	of phase	es: (	)		<b>r serial</b> i-functio		agains	st each i		i <b>ment us</b> tinuity:	sed)		
· · ·	current protection device for the distrib								Rating		)A					(		esistanc		) (	(		oop imped		)
Asso	ciated RCD (if any) Type: (BS EN					) No.	. of poles: (	)	/at n	( <u>30</u>	) m	A Oper	ating tim	ie: ( <u>8.3X</u> 1	1) ms	;   (				) (	(		oop impea	ance:	)
	acteristics at this DB Confirmation of						confirmed (whe	ere app			) <i>z</i>	r <sub>s</sub> ( <u>0.44</u>	)Ω	77 ( <u>560</u>	) kA		h electro	ode resi	stance:	)	RCD: (	:			)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP						in the respective Copyright Certsu						′	<i>r</i>	n BS 767	l, state sou	irce:						 Page	75 of	106



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## **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	RT 11 : SCHED	ULE OF CIRCUIT D	ETAIL	S ANI	D TES	ST RE	SULTS		Circuits	s/equipme	nt vuln	nerable	to dam	nage wł	ien testi	ng:												
CODE	S For Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Ther	moplastic o allic conduit	ables in t	(C) Th	hermoplastic cab on-metallic condu	les in (	D) Thermo metallic	plastic cables in trunking	י (E) ד	Thermoplas non-metalli	stic cables i ic trunking	<sup>in</sup> (F) т	nermoplastic	/ SWA cables	(G) Ther	nosetting / SV	WA cables (	H) Mineral-	insulated ca	bles (O	) other - stat	e				
lber	Ci	rcuit description			1	Cir	rcuit			Protectiv	_			RCD	mitted Illed svice*	Ring f	Circuit	t impedan	. ,	rcuits	Insul	ation resi	istance		ed earth dance, Zs	RCD operating time	Te: butto	
Circuit number			Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served		Max. disconnection	time (BS /6		BS (EN)	Type	Rating	Short-circuit capacity	Operatin current, I <sub>2</sub>	Maximum permitted Zs for installed protective device*	(meas	ured end	to end)	(complet	e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>a</sup> ult loop impedance, Zs		RCD	
				£	Num	Live (mm <sup>2</sup> )	cpc			-		(A)	っ (kA)	(mA)	Ξ <u>Ω</u>	(Line) rll	(Neutral) rn	(cpc) r[]	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		ojault ∭	(ms)	RCD .	4FDD
1/L1	ROOM SOCKET	S	Α	С	4	2.5	1.5 0.4	608	8 MCB		В	16	6		2.18				0.25		>999	>999	500	$\checkmark$	0.69			
1/L2	HEATER		A	C	1	2.5	1.5 0.4		98 MCB		В	16	6		2.18				0.22		>999	>999	500		0.65			
1/L3	CONTACTOR /	LIGHTS	Α	С	3	1.5	1 0.4	6089	98 MCB	3	В	6	6		5.82				0.46		>999	>999	500	$\checkmark$	0.89			
		30ARD (DB) DETA	ILU	B desiç	-						ESTE	D BY				<u>ARK HUI</u>	DSON						ctrician					
÷		l in every case)		ocation											MA	Ľ						23/08/	2019					
<b>TO</b>	BE COMPLET	ED ONLY IF THE D	B IS N	IOT CO	ONNI	ECTE	D DIREC	<b>FLY T</b>	O THE	ORIGIN	OF T	HE IN	ISTAL	LATIC	N				TES	T INS r serial	<b>RUME</b>	ENTS agains	t each i	nstru	ment us	ed)		
Supp	oly to DB is from	. (								) Nor	minal v	oltage	: (	) V	No.	of phase	s: (	)		ti-functi		againo			inuity:	•••		
Over	current protecti	on device for the distri	bution c	circuit	Type:	(BS E	N				)	Rating	: (	)A					( Insu	lation re	esistanc	e:	)	( Earth	n fault lo	op impeda	ance:	)
Asso	ociated RCD (if a	ny) Type: (BS EN						) N	lo. of po	oles: (	)	ß∆n	( <u>30</u>	) m.	A Oper	ating tim	e: ( <u>7.8X</u> 1	1 <u>0</u> )ms	. (	h electro			) (	( RCD:				)
Char	racteristics at th	is DB Confirmation o	f supply	/ polarit	ty: (	)	Phase se	quenc	e confir	med (whe	re app	ropriat	te): 🔼			)Ω (			(				)	(				)
	ertificate is based o ned by Certsure LL	on the model forms shown P Certsure LLP					Enter a ( 🗸 A brands			respective ight Certsur				*\	Vhere fig	ure is not t	taken fror	n BS 7671	, state sou	urce:						 Page	76 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	Cart 11: SCHEDULE 06 CIRCUIT DETAILS AND TEST ESUITS         Circuit/decipient vulnerable to deango who testing:           DB: F 17: SCHEDULE 06 CIRCUIT DETAILS AND TEST ESUITS         Circuit/decipient vulnerable to deango who testing:         (f) the masses to de																										
CODE	S For Type of wiring (A) Thermoplastic insulated / (I) sheathed cables	B) Theri meta	noplastic ( Ilic condui	cables in t	(C) T	hermopla: on-metall	stic cables c conduit	in (D)	Thermoplastic cables in metallic trunking	n (E) Tł	hermoplast on-metallic	tic cables ir trunking	י (F) ד	hermoplastic	/ SWA cables	s (G) Ther	mosetting / S <sup>1</sup>	WA cables (	H) Mineral-i	insulated ca	ibles (0)	other - state	)				
er	Circuit description	BL (9	thod	served			ction 71)		Protectiv	ve device	,		RCD	nitted ed ice*				. ,		Insul	lation resi	stance		l earth ance, Zs	operating		
Circuit number		Type of wirir (see Codes	Reference Me (BS 7671)	nber of points			Aax. disconne time (BS 767		BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆r	laximum perm Zs for install protective dev	(meas	sured end	to end)	(complet	e at least			voltage	Polarity	lax. measured It loop impeda	time	RCD	AFDD
			Ľ	Nur	(mm²)	(mm²)						S	(mA)	(Ω)					RI			(V)			(ms)		
1	-	Α	C	1						В	-	6										$\vdash$	•				<u> </u>
2		A	C	7						B		6										—					L
3		A	C C	1						<u>в</u>		0										—					
+ 5		A A	с С	1						B B		6										<u> </u>					
6																											
7																											
8	HOB A C 1 2.5 1.5 0.4 60898 MCB B 16 6 2.18 0.10 >999 >999 🗸 0.47																										
9																											
10	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6.85        D.67       >999       >999        1.07            M																										
(to b	e completed in every case)	Lo	ocation	n of DE	B: <u>ROC</u>	)M 70						Sign	ature:	MAS		DSON				Date	: 23/08/2						
Supp Over Asso Char	ly to DB is from: ( current protection device for the distribu ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of s	tion c	<b>ircuit</b> polari	Type: ty: (	: (BS E	N Pha	) se sequ	) No. uence c	of poles: (	minal vo ) F ) ere appr	oltage: Rating: <u>A</u> n ropriate	( ( (	) V ) A ) m . <i>Z</i> :	No. A Oper <sub>s</sub> ( <u>0.40</u>	of phase ating tim 	ie: ( 77 (	) ms ) kA	(ente Mult ( Insu ( Eartl (	r serial i-functio lation re h electro	number on: esistanc ode resi	r against :e: istance:	) ( ) ( ) (	Cont Earth RCD:	inuity: h fault lc :	oop imped	ance:	)
	rtificate is based on the model forms shown in a ed by Certsure LLP Certsure LLP op								n the respective Copyright Certsur				^\	witere fig		Laken Irol	10/ 60 10/1	, state sou	ii ce:						 Page	77 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	Image: Second																										
CODE	S For Type of wiring (A) Thermoplastic insulated / (E) sheathed cables	3) Therr metal	noplastic ( Ilic condui	cables in t	(C) T	hermopla: on-metalli	stic cables c conduit	in (D)	Thermoplastic cables in metallic trunking	n (E) TI	hermoplast on-metallic	tic cables ir trunking	י <b>(F)</b> ד	hermoplastic	/ SWA cables	s (G) Ther	mosetting / S <sup>1</sup>	WA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	)				
er		Bc (i	thod	served			ction 71)		Protectiv	ve device	•		RCD	nitted ed ice*				. ,		Insul	ation resi	stance		l earth ance, Zs	operating		
Circuit number		Type of wirir (see Codes	Reference Me (BS 7671)	nber of points			1ax. disconne time (BS 767		BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆r	laximum perm Zs for install protective dev	(meas	sured end	to end)	(complet	e at least			voltage	Polarity	lax. measurec It loop impeda	time	BCD	AFDD
			Ľ	Nun		cpc (mm²)					(A)	S	(mA)	≥ ⊥ (Ω)				(RI+RI)	RI	(MΩ)		(V)		Ω)	(ms)	NOD	/
1	-	А	C	1						В	-	6											•				
2		A	С	7						В		6															
3		A	C	1						В		6	<u> </u>														<u> </u>
4 5		A		1						В		0	<u> </u>														<u> </u>
0	1 <sup>-</sup>	A		0		1.5				В	10	0	<u> </u>									l					<u> </u>
0																											
8	HOB A C 1 2.5 1.5 0.4 60898 MCB B 16 6 2.18 0.16 >999 >999 🗸 0.67																										
9	HOB A C 1 2.5 1.5 0.4 60898 MCB B 16 6 2.18 0.16 >999 >999 🗸 0.67																										
10	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       Image: Contact on the state on the sta																										
(to b	e completed in every case)	Lo	ocation	n of DE	B: <u>ROC</u>	)M 69						Sign	ature:	MAS		DSON				Date	: 23/08/2						
Supp Over Asso Char	ly to DB is from: ( current protection device for the distribu ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of s	tion c upply	<b>ircuit</b> polari	Type: ty: (	: (BS E	N Pha	) se sequ	No. Jence c	of poles: ( offirmed (whe	minal vo ) I ) re appr	oltage: Rating: <u>A</u> n copriate	( ( (	)V )A )m )m. 	No. A Oper <sub>5</sub> ( <u>0.51</u>	of phase rating tim 	ie: ( 77 (	) ms ) kA	(ente Mult ( Insu ( Eartl (	<b>r serial</b> i-functio lation re n electro	number on: sistanc ode resi	r agains e: stance:	) ( ) ( ) (	Cont Earth RCD:	inuity: h fault lc :	oop imped	ance:	)
	rtificate is based on the model forms shown in A ed by Certsure LLP Certsure LLP op								n the respective Copyright Certsur					witere lig	ure 15 110L	Laken 1101	10/10/1	, state sou	ICE						 Page	78 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PA	One watche code         and description         and descri																									
CO	DES For Type of wiring (A) Thermoplastic insulated / (A) sheathed cables	3) Therm metal	noplastic c lic conduit	cables in t	`´n	on-metalli	stic cables in c conduit	n (D) Thermoplastic cables in metallic trunking	(E) Ti	hermoplas on-metallio	tic cables ir trunking	· ′	hermoplastic	/ SWA cables	G) Therr	nosetting / SV	WA cables (	H) Mineral-i	nsulated ca	ibles (O)	other - state	9				
e			poq	served			tion 1)	Protective	e device	•		RCD	itted sd ce*			•	· · /		Insul	ation resi	stance		earth nce, Zs	operating		
Circuit numb		Type of wirin (see Codes)	Reference Met (BS 7671)	nber of points			Aax. disconnec time (BS 767	BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆n	laximum perm Zs for installe protective devi	(meas	ured end t	o end)	(complet	e at least			voltage	Polarity	lax. measured It loop impeda	time	RCD	AFDD
			Ľ	Nur		cpc (mm <sup>2</sup> )				(A)		(mA)	≥ – (Ω)				(R[+R])	RI	(MΩ)	(MΩ)	(V)		Ωj ≤	(ms)		
1		А	C	1	2.5	1.5	0.4		В		6						0.15		>999	>999		$\checkmark$	0.57			
2		А	C	7					В		6															
3		А	C	1					В		6															
4		A	C	1					В		6															
5	-	A	C	1		1.5			В	16	6															
6	Bit medic tables         Circuit description         Productive data/s         Productive data/s         Circuit impediances (i)         Insulation resistance         Impediances (i)         Insulation resistance         Impediances (i)         Insulation resistance         Impediances (i)         Impediances (i)         Insulation resistance         Impediances (i)         Impediances (i)         Insulation resistance         Impediances (i)																									
7	HEATER       A       C       1       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       0.16       >999       >999       ✓       0.58       0       0         HOB       A       C       1       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       0.07       >999       >999       ✓       0.49       0       0																									
8	Bit Market Lagence         Periodic Condition         Periodi																									
9	OVEN       A       C       1       2.5       1.5       0.4       60898 MCB       B       20       6       1.74       0       0.15       999       999       0       0.57       0       0       0       0       10       999       999       0       0.57       0       0       0       0       10																									
10	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.47       >999       >999       ✓       0.89       ✓       0.89       ✓       0.40       0       ✓       0.40       ✓																									
		,		-					ESTE	D BY					DSON											
Т	BE COMPLETED ONLY IF THE DB	IS N	OT CO	ONN	ECTE	D DIF	RECTLY	Y TO THE ORIGIN	OF TI	HE IN	STAL	LATIC	N				TES	T INST	RUMI	ENTS						
Su	pply to DB is from: (							) Non	ninal vo	oltage:	(	) V	No.	of phase	s: (	)		<b>r serial</b> i-functio		ragains			ment us inuity:	ea)		
	ercurrent protection device for the distribu											)A					(	lation re			) (			op imped		)
	sociated RCD (if any) Type: (BS EN												A Oper	ating tim	e: (	)ms	(				) (			op inipea	ance:	)
	aracteristics at this DB Confirmation of s													)Ω		)kA	Eart (	h electro	ode resi	stance:	) (	RCD:				)
	certificate is based on the model forms shown in <i>i</i> shed by Certsure LLP Certsure LLP op							r value in the respective f © Copyright Certsure				*\	Vhere fig	ure is not t	taken fron	n BS 7671	, state sou	irce:						 Page	79 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

P/	ART 11: SCHEDULE OF CIRCUIT DETALLS AND TEST RESULT:       Circuit/sequipment vulnerable to damage with the sting::::::::::::::::::::::::::::::::::::																									
CC	DES For Type of wiring (A) Thermoplastic insulated / (A) sheathed cables	B) Thern metal	noplastic c Ilic conduit	cables in t	`´n	on-metall	stic cables ir ic conduit	n (D) Thermoplastic cables in metallic trunking	• (E) TI	hermoplas on-metallio	tic cables ir trunking	· /	hermoplastic	/ SWA cables	s (G) Therr	nosetting / SV	WA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	9				
ŗ		D_	poq	served			tion	Protectiv	e device	•		RCD	itted sd ce*			•	· · /		Insu	ation resi	stance		earth nce, Zs	operating		
Circuit numb		Type of wirin (see Codes)	Reference Met (BS 7671)	mber of points			Max. disconnec time (BS 767	BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆n	/laximum perm Zs for installe protective devi	(meas	sured end t	o end)	(complet	e at least			voltage	Polarity	lax. measured Ilt loop impeda	time	RCD	AFDD
			1	Nur		cpc (mm <sup>2</sup> )				(A)		(mA)	≥ – (Ω)				(R0+R0)	RI	(MΩ)	(MΩ)	(V)		⊇an Ω)	(ms)		
1		А	C	1	2.5	1.5	0.4		В		6								>999	>999		$\checkmark$	0.63			
2		А	С	7					В		6															
3		А	С	1					В		6															
4		А	С	1					В		6															
5	-	А	С	1		1.5			В	16	6															
6																										
7																										
8	HEATER       A       C       1       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       D.20       >999       >999       ✓       0.70       D       D         HOB       A       C       1       2.5       1.5       D.4       60898 MCB       B       16       6       2.18       D.15       >999       >999       ✓       0.70       D       D																									
9 10	HOB       A       C       1       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       0       0.15       >999       >999       √       0.65       0       0       0         CONTACTORS/LIGHTS       A       C       3       1.5       1.4       60898 MCB       B       6       6       5.85       0       0.15       >999       >999       √       0.65       0       0         CONTACTORS/LIGHTS       A       C       3       1.5       1.4       60898 MCB       B       6       6       5.85       0       0.47       >999       >999       √       0.65       0       0         CONTACTORS/LIGHTS       A       C       3       1.4       60898 MCB       B       6       6       5.85       0       0.47       999       999       √       0.97 </td																									
10	LUNIACIUNS/LIGHTS       A       L       S       I.5       I.4       DUSYS MICB       B       b       b       b.85       I.4/       >999       >999       ✓       0.9/        I.5       I.6       I.6																									
			-	-				<b> </b> T	ESTE	D BY					DSON											
T	) BE COMPLETED ONLY IF THE DB	IS N	OT CO	ONN	ECTE	D DI	RECTL	Y TO THE ORIGIN	OF T	HE IN	STAL	LATIC	N				TES	T INST			t each iu	nstru	ment us	ed)		
Sι	ipply to DB is from: (							) Nor	ninal v	oltage:	(	) V	No.	of phase	es: (	)		ti-functio		guild			inuity:			
0\	rercurrent protection device for the distribu											)A					(	lation re		e.	) (			oop impeda	ance.	)
As	sociated RCD (if any) Type: (BS EN						)	No. of poles: (	)	⊠∆n	(	) m.	A Oper	ating tim	ie: (	) ms	(	h electro			) (	RCD:				)
Cł	aracteristics at this DB Confirmation of s	upply	polarit	ty: (	)	Pha	se sequ	ence confirmed (whe	re appi	opriat	e): 🔲			)Ω (		) kA	(				) (					)
	certificate is based on the model forms shown in a ished by Certsure LLP Certsure LLP op							r value in the respective t © Copyright Certsur				*	Vhere fig	ure is not t	taken fron	n BS 7671	, state sou	ırce:						 Page	80 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	ART 11: SCHEDULE OF CIRCUIT DEFALLS AND TEST RESULT:       Circuit/squpment valuerable to damage with the toding:         DOIDS for Type diving:       (a) homewatches with the toding:       (b) homewatches with the toding:       (c) homewatches with the toding:																										
CODE	S For Type of wiring (A) Thermoplastic insulated / (I) sheathed cables	3) Therr meta	moplastic o Ilic condui	cables in t	(C) T	hermoplas on-metalli	stic cables i c conduit	in (D) <sup>1</sup>	Thermoplastic cables in netallic trunking	(E) Tł	hermoplast on-metallic	tic cables ir trunking	י <b>(F)</b> ד	hermoplastic	: / SWA cables	s (G) Ther	nosetting / S	WA cables (	H) Mineral-i	insulated ca	bles (O)	other - state	9				
ber	Circuit description	ing ss)	ethod  )	s served			ection 371)		Protectiv	e device	•	1	RCD	mitted lled vice*	Bing		•	( )	rcuits	Insul	ation resi	stance		ed earth lance, Zs	operating		
Circuit num		Type of wir (see Code	eference M (BS 7671	ber of point			ix. disconni ime (BS 76		S (EN)	Type	Rating	ort-circuit apacity	Operatin current, I2	ximum per Zs for insta otective de				(complet	e at least			voltage	Polarity	x. measure loop imped			
			ž	Numt	(mm²)	(mm²)	(s)				(A)	S	(mA)	(Ω)					RI						(ms)	RCD	AFDD
1	-	А	С	1						В		6						-							<u> </u>		<u> </u>
2 3		A	С	7						В		6															
3		A	С	1						В		6													<u> </u>		
4		A	С	1						В		6													<u> </u>		ļ
5	-	А	С	1		1.5				В	16	6													<u> </u>		
6																											
7	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       D.44       >999       >999 $\checkmark$ 0.79       D.79       D																										
8	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.44       >999       >999       √       0.79       0       0       0         M <t< td=""></t<>																										
9	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898       MCB       B       6       6       5.85       0.44       >999       >999       ✓       0.79  <																										
10																											
				-						ESTE	D BY					DSON				Date	23/08/2						
	BE COMPLETED ONLY IF THE DB oly to DB is from: (														of phase	es: (	)	ente (ente	<b>T INST</b> r serial i-functio	numbei	ENTS agains			ment us	ed)		
	current protection device for the distribu	tion c	ircuit	Туре	: (BS E	N				) F	Rating:	(	)A					(	lation re		e:	) (			oop imped	ance:	)
Asso	ociated RCD (if any) Type: (BS EN						)	No.	of poles:(	)	⊠∆n	(			ating tim		) ms	;   (			stance:	) (	RCD				)
Cha	racteristics at this DB Confirmation of s	upply	polari	ty: ( <sub></sub>	)	Pha	se sequ	ience c	onfirmed (whe	re appr	ropriate	e): 🗖			)Ω		) kA	(				) (					)
	ertificate is based on the model forms shown in a ned by Certsure LLP Certsure LLP op								n the respective f opyright Certsur				*	/Vhere fig	ure is not	taken fror	n BS 7671	l, state sou	irce:						 Page	81 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	Image: Second																										
CODE	S For Type of wiring (A) Thermoplastic insulated / (E) sheathed cables	3) <sup>Thern</sup> metal	noplastic o lic condui	cables in t	(C) TI	hermoplasti on-metallic	c cables i conduit	in <b>(D)</b>	Thermoplastic cables ir metallic trunking	(E) TI	hermoplas on-metallio	tic cables ir c trunking	י <b>(F)</b> ד	hermoplastic	/ SWA cables	(G) Therr	nosetting / S\	WA cables (	H) Mineral-i	insulated ca	bles (O)	other - state	e				
ber		ing s)	ethod )	s served			ection 71)		Protectiv	e device	•		RCD	nitted led vice*	- Bing f		•	· · /	rouito	Insul	ation resi	stance		d earth ance, Zs	operating		
Circuit number		Type of wiri (see Code:	eference M∈ (BS 7671	per of points			ax. disconne ime (BS 76		IS (EN)	Type	Rating	ort-circuit apacity	Operating current, I∆	iximum perr Zs for instal otective dev				(complet	e at least			voltage	Polarity	x. measure loop imped	une		
			ž	Num		cpc (mm²)	(s)					S	(mA)	Δ (Ω)				(RI+RI)	RI	(MΩ)	(MΩ)				(ms)	RCD	AFDD
1	-	А	C	1						В		6		1.74				-									
2		A	С	7						В		6															
3		А	С	1						В		6															
4		А	C	1						В		6															
5	-	А	C	1		1.5 0				В	16	6															
6	CONTACTORS/LIGHTS	А	С	3	1.5	1 (	).4	60898	МСВ	В	6	6		5.85				0.36		>999	>999		$\checkmark$	0.77			
7																											
8																											
9	HOB A C 1 2.5 1.5 0.4 60898 MCB B 16 6 2.18 0.10 >999 >999 v 0.51																										
10																											
	TRIBUTION BOARD (DB) DETAILS be completed in every case)	,		-	n: <u>DB6</u> 3: <u>ROC</u>	9 0M 65			<sup>1</sup>	ESTE	D BY			itals): <u>M</u>		DSON				Date	tion: <u>Elec</u> : <u>23/08/2</u>						
	BE COMPLETED ONLY IF THE DB														-f - h	1	,	ente (ente		numbe	ENTS r against				ed)		
	ly to DB is from: (													INO.	of phase	s: (	)	Mul	ti-functio	on:		1 1	Cont	inuity:			١
	current protection device for the distribu																	Insu	lation re	sistanc	е:		Earth	h fault lo	oop imped	ance:	)
Asso	ciated RCD (if any) Type: (BS EN						)	No.	of poles: (	)	/∄∆n	(	) m	A Oper	ating tim	e: (	) ms		halc-+		otor	) (	RCD				)
Char	acteristics at this DB Confirmation of s	upply	polari	ty: (	)	Phase	e sequ	ience c	onfirmed (whe	re appi	ropriat	e): 🔲			)Ω _/		) kA	(			istance:	) (	(				)
	rtificate is based on the model forms shown in <i>i</i> ed by Certsure LLP Certsure LLP op								n the respective copyright Certsur				*	Where fig	ure is not t	taken fron	n BS 7671	, state sou	irce:						 Page	82 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PA	Image: constraint of the constraint																									
CO	DES For Type of wiring (A) Thermoplastic insulated / (A) sheathed cables	B) Thern metal	noplastic o Ilic condui	cables in t	`´n	on-metalli	tic cables ir c conduit	n (D) Thermoplastic cables in metallic trunking	(E) Ti	hermoplast on-metallic	ic cables in trunking	· /	hermoplastic	/ SWA cables	G) Therr	nosetting / SV	WA cables (	H) Mineral-i	nsulated ca	ibles (O)	other - state	,				
e		D_	poq	served			tion 1)	Protective	e device	•		RCD	itted sd ce*			•	· · /		Insul	ation resi	stance		earth nce, Zs	operating		
Circuit numb		Type of wirin (see Codes)	Reference Met (BS 7671)	nber of points			Aax. disconnec time (BS 767	BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆n	laximum perm Zs for installe protective devi	(meas	ured end t	o end)	(complet	e at least			voltage	Polarity	lax. measured It loop impeda	time	RCD	AFDD
			1	Nur		cpc (mm <sup>2</sup> )				(A)		(mA)	≥ – (Ω)				(R[+R])	RI	(MΩ)	(MΩ)	(V)		Ωj ≤	(ms)		
1		А	C	1	2.5	1.5	0.4		В		6								>999	>999		$\checkmark$	0.55			
2		А	С	7					В		6															
3		А	С	1					В		6															
4		А	С	1					В		6															
5	-	А	С	1		1.5			В	16	6															
6	OVEN       A       C       1       2.5       1.5       0.4       6099 MCB       B       20       6       1.74       0       0.07       999       999       0       0       0.55       0       0       0       0       999       999       0       0       0.55       0       0       0       0       0.07       999       999       999       0       <																									
7	HOB A C 1 2.5 1.5 0.4 60898 MCB B 16 6 2.18 0.08 >999 >999 V 0.56																									
8																										
9	OVEN       A       C       1       2.5       1.5       0.4       60898 MCB       B       20       6       1.74       1.0       0.07       999       999       1.0       0.55       1.0       0.1         ROM SOCKETS       A       C       7       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       0.07       0.47       999       999       0.07       999       999       0.07       999       999       0.055       1.0       0.1         RIDGE       A       C       1.5       0.4       60898 MCB       B       16       6       2.18       0.06       0.47       999       999       0.07       999       999       0.95       0.4       0.45																									
10	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.62       >999       >999       ✓       1.10																									
				-					ESTE	D BY					DSON											
ТС	BE COMPLETED ONLY IF THE DB	IS N	OT CO	ONN	ECTE	D DIF	RECTL	Y TO THE ORIGIN	OF TI	HE IN	STAL	LATIC	N				TES	T INST	RUMI	ENTS						
Su	pply to DB is from: (							) Nom	ninal vo	oltage:	(	) V	No.	of phase	s: (	)		<b>r serial</b> ti-functio		ragains	t each ir		ment us inuity:	ea)		
	ercurrent protection device for the distribu											)A					(				) (	(				)
	sociated RCD (if any) Type: (BS EN												A Oper	ating tim	e: (	)ms	(	lation re			) (	(		oop impeda	ance:	)
	aracteristics at this DB Confirmation of s													)Ω _		) kA	Eart	h electro	ode resi	stance:	) (	RCD:				)
	certificate is based on the model forms shown in <i>i</i> shed by Certsure LLP Certsure LLP op							r value in the respective fi © Copyright Certsure				*	Vhere fig	ure is not i	taken fron	n BS 7671	, state sou	irce:						 Page	83 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	Image: Construction of DB:         DB         designation: DB71         DB         designation: DB71         TESTED BY         Name (capitals): MAK HUDSON         Position: Electrician         Designation: DB71																									
CODE	S For Type of wiring (A) Thermoplastic insulated / (E sheathed cables	3) Therm metal	noplastic d lic condui	cables in t	`'' n	on-metalli	stic cables i c conduit	in (D) Thermoplastic cables metallic trunking	sin (E) Ti	hermoplas on-metalli	tic cables ir c trunking	· /	hermoplastic	/ SWA cables	s (G) Ther	mosetting / S\	WA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state					
7		0.	рог	served			1) tion	Protect	tive device	3		RCD	d d ce*		Circui	t impedan	ces (Ω)		Insu	lation resi	stance		earth nce, Zs			
Circuit number		Type of wirin (see Codes)	Reference Metl (BS 7671)	umber of points :	Live	cnc	Max. disconnec time (BS 767	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permi Zs for installe protective devi	(meas	sured end	to end)	(complet	e at least			voltage	Polarity	Max. measured Iult loop impedar	time	RCD	AFDD
			6	ž	(mm²)	(mm <sup>2</sup> )						(mA)	(Ω)					RI			(V)		(Ω)	(ms)		
1		A	C	1					В		6											$\checkmark$	0.51			'
2		A	C C	/					В		6															
3		A ^	с С	1					D		0															
5		<u>^`</u>	r r	1					B		6										<u> </u>					
6		<u>^</u>	r r	r R					B	6	6		-				-									
7																										
8	HOB A C 1 2.5 1.5 0.4 60898 MCB B 16 6 2.18 0.14 9999 999 V V 0.52 0.52																									
9	HOB A C 1 2.5 1.5 0.4 60898 MCB B 16 6 2.18 0.4 0.14 9999 999 V 0.52 0.52																									
10																										
		)		0					TESTE	D BY					DSON				Date	: 23/08/2						
	BE COMPLETED ONLY IF THE DB							<b>Y TO THE ORIGII</b> ) No				LATIC		of phase	es: (	)	ente (ente	T INST r serial i-functio	numbe	ENTS r agains			ment us	ed)		
	current protection device for the distribut														·	······································	(	lation re		e:	) (		·	op imped	ance:	)
	ciated RCD (if any) Type: (BS EN													ating tim			( Eartl	h electro	ode resi	istance:	) (	RCD	:	r		)
	acteristics at this DB Confirmation of s		-											)Ω (		) kA	,									)
	rtificate is based on the model forms shown in A ed by Certsure LLP Certsure LLP op							r value in the respective © Copyright Certsu				*	vnere tig	ure is not i	laken troi	11 02 /0/1	, state sou	irce:						 Page	84 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	T 11 : SCHEDULE OF CIRCUIT DET	<b>FAIL</b>	S ANI	D TE	ST RE	SUL	rs	Cir	cuits/equipme	nt vuln	erable	to dam	age wl	nen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (E) sheathed cables	3) Therr meta	moplastic o Ilic condui	cables in t	(C) T	hermopla: on-metalli	stic cables i c conduit	in (D)	Thermoplastic cables in netallic trunking	(E) Th	hermoplast on-metallic	ic cables in trunking	י <b>(F)</b> ד	hermoplastic	/ SWA cables	s (G) Therr	nosetting / S	WA cables (	H) Mineral-i	nsulated ca	ibles (O)	other - state	9				
ber	Circuit description	ing ss)	ethod  )	s served		rcuit ctor csa	ection 371)		Protective	e device	•	1	RCD	mitted lled vice*	Bing f	Circuit	impedan	( )	rcuits	Insul	lation resi	stance		ed earth lance, Zs	RCD operating time	Te butte	est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*		sured end t		(complet	e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs			
			ž	Numt	Live (mm²)	cpc (mm²)	(s)				(A)	ਤੂੰ ਹ (kA)	(mA)	(Ω)	(Line) r⊡	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)	RCD	AFDD
1	OVEN	А	С	1	2.5			60898		В	20	6		1.74				0.11		>999	>999			0.55	<u> </u>		
2 3	ROOM SOCKETS	A	С	7	2.5			60898		В	16	6		2.18				0.48		>999	>999			0.92			<u> </u>
3	FRIDGE	A	С	1	2.5			60898		В	16	6		2.18				0.07		>999	>999	$\square$		0.51	<u> </u>		
4	HEATER	A	С	1	2.5			60898		В	16	6		2.18				0.28		>999	>999			0.72	<u> </u>		L
5	5       HOB       A       C       1       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       0.15       >999       >999         0.59         0.59       >999         0.59         0.59       >999         0.59         0.59         0.59 <t< td=""><td></td><td><u> </u></td></t<>																<u> </u>										
6	6       CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898       MCB       B       6       6       5.85       0.53       >999       >999       ✓       0.97       0.97       0.97         7       7       1       0																										
7	7     8 <td></td>																										
~	7       -																										
9	7       Image: Sector Sec																										
10																											
	TRIBUTION BOARD (DB) DETAILS be completed in every case)		B desig	-						ESTE	D BY			itals): M		DSON				Date	tion: <u>Elec</u> : <u>23/08/</u> 2						
	BE COMPLETED ONLY IF THE DB oly to DB is from: (														of phase	es: (	)	ente (ente	T INST r serial ti-functio	number	ENTS r agains			ment us	ed)		
Over	current protection device for the distribu	tion c	ircuit	Туре	: (BS E	N				) F	Rating:	(	)A		F	·	,	(	lation re		:e:	) (			oop imped	ance:	)
	ciated RCD (if any) Type: (BS EN														ating tim			; ( Eart	h electro	ode resi	istance:	) (	RCD	:			)
	acteristics at this DB Confirmation of s		-								-				)Ω		) kA	l, state sou	1100.								)
	rtificate is based on the model forms shown in <i>h</i> red by Certsure LLP Certsure LLP op								n the respective f opyright Certsure					viicie ily			100 10/1	י, סנמנט סטנ							 Page	85 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DET	<b>FAIL</b>	S ANI	D TE	ST RE	SUL	ſS	Ci	rcuits/equipme	nt vulne	erable	to dam	age wl	nen testi	ng:												
CODE	CODES For Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (C) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in metallic trunking (F) Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermosetting / SWA														WA cables (	H) Mineral-i	nsulated ca	ibles (O)	other - state	)							
er	Circuit description	BC (a	thod	served		cuit ctor csa	ction 71)		Protectiv	e device	,		RCD	nitted ed ice*			t impedan	. ,		Insul	ation resi	stance		l earth ance, Zs	RCD operating		est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	final circui sured end	to end)	All cir (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	time	RCD	AFDD
			Ľ	Nur	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )					(A)	の (kA)	(mA)	(Ω)	(Line) rl	(Neutral) rn	(cpc) rI	(R[+R])	RI	(MΩ)	(MΩ)	(V)			(ms)		
1	OVEN	A	C	1	2.5		0.4	60898			20	6		1.74				0.09		>999	>999		•	0.51			<u> </u>
2	ROOM SOCKETS	A	C	7	2.5		0.4	60898			16	6		2.18				0.44		>999	>999			0.86			L
3	FRIDGE HEATER	A	C C	1	2.5 2.5		0.4 0.4	60898 60898			16 16	0		2.18 2.18				0.08 0.31		>999 >999	>999 >999			0.50 0.73			
4 5			с С	1								6															
6	HOB       A       C       1       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       0.14       >999       >999       ✓       0.56       C       C         CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.4       0.49       >999       >999       ✓       0.56       C       C         CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.4       0.49       >999       >999       ✓       0.56       C       C         C       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.4       0.49       >999       >999       ✓       0.91       C       0.91 <t< td=""><td> '</td></t<>															'											
7	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6.85       .       0.4       0.49       >999       >999       .       .       0.10       .       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11       .       0.11 <t< td=""></t<>																										
8	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.49       >999       999       ✓       0.91       0																										
9	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       .       0.49       >999       >999       .       .       0.91       0.91       .																										
10	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6.85       .       0.4       0.49       >999       >999       .       .       0.10       .       0.10       .       0.11       .       0.11																										
(to b	FRIBUTION BOARD (DB) DETAILS te completed in every case)	Lo	ocation	n of DI	on: <u>DB7</u> B: <u>ROC</u>	)M 61						Sign	ature:	MAS		DSON				Date	ion: <u>Elec</u> : 23/08/2						
Supp Over Asso Char	current protection device for the distribu ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of s	<b>tion c</b> upply	<b>ircuit</b> polari	Туре ty: (	: (BS E	N Pha	) se sequ	) No. uence c	of poles: (	minal vo ) F ) re appr	oltage: Rating: <u>A</u> n ropriate	( ( (	) V ) A ) m . <i>Z</i> :	No. A Oper <sub>s</sub> ( <u>0.42</u>	of phase ating tim 	ie: ( 77 (	) ms ) kA	(ente Mult ( Insu ( Eartl (	i-functio lation re h electro	number on: sistanc ode resi	r agains e: stance:	) ( ) ( ) (	Cont Earth RCD:	tinuity: h fault lc :	oop imped	ance:	)
	rtificate is based on the model forms shown in a ed by Certsure LLP Certsure LLP op								in the respective f Copyright Certsur				^\	witere fig		Laken Irol	10/ 60 10/1	, state sou	ii ce:						 Page	86 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DET	TAILS	S ANI	D TE	ST RE	SUL	rs	Circuits/equipm	nent vuln	erable	to dam	age wl	nen testi	ng:												
CODE	CODES For Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in non-metallic conduit (C) Thermoplastic cables in non-metallic conduit (C) Thermoplastic cables in non-metallic trunking (E) Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermosetting / SW														NA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state							
P	Circuit description	<del>م</del>	poq	served		rcuit ctor csa	tion	Protect	tive device	•		RCD	itted ed ce*		Circui	t impedan	ces (Ω)		Insul	ation resi	stance		earth nce, Zs	RCD operating		est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	срс	Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, IΔn	Maximum permitted Zs for installed protective device*	(meas	final circui sured end	to end)	All ci (complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth	time	RCD	AFDD
			6	ž	(mm²)	(mm <sup>2</sup> )			-	(A)		(mA)	(Ω)	r0	rn	r[]	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		(Ω)	(ms)		
	OVEN	A	C	1	2.5		0.4	60898 MCB	B	20	6		1.74				0.11		>999	>999		$\checkmark$	U.61			<u> </u>
2 3	ROOM SOCKETS FRIDGE	A	с С	/	2.5 2.5			60898 MCB 60898 MCB	B	16 16	0		2.18 2.18				0.33 0.10		>999 >999	>999 >999			0.83 0.60			
0	HEATER	Δ	C C	1	2.5			60898 MCB	B	16	6		2.18				0.10		>999	>999			0.73			
5	НОВ	Δ	r r	1	2.5			60898 MCB	B	16	6		2.10				0.23		>999	>999			0.69			
6	IND       A       C       I       Z.5       I.5       I.4       00000 MRD       D       I       D       Z.16       C       D.15       D.955       D.955       D.955       D.956       D.956 <thd.956< th="">       D.956       D.956</thd.956<>																									
7	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85        D.43       >999       >999        0.33       0.33       0.																									
8	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85        0.43       >999       >999        0.33       0.33       0.																									
9	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6.85       0.43       999       999       999       993																									
10	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0       0.43       >999       >999       √       0.93        1       0.4       60898 MCB       B       6       6       5.85       0       0.43       >999       >999       √       0.93        0       0 <td< td=""></td<>																									
	FRIBUTION BOARD (DB) DETAILS be completed in every case)	)		0	on: <u>DB7</u> B: <u>ROC</u>				TESTE	D BY			itals): <u>M</u>		DSON					ion: <u>Elec</u> : <u>23/08/</u> 2						
	BE COMPLETED ONLY IF THE DB							<b>Y TO THE ORIGI</b> ) N				LATIC		of phase	es: (	)	ente (ente	T INST r serial i-functio	number	ENTS r agains			ment us	ed)		
	current protection device for the distribut													r · · ·	·	······································	(	lation re		e:	) (		·	op imped	ance.	)
	ciated RCD (if any) Type: (BS EN													ating tim			( Eartl	h electro	ode resi	stance:	) (	RCD	:			)
	acteristics at this DB Confirmation of s		-							-				<u></u> Ω(		) kA	(				) (					)
	rtificate is based on the model forms shown in A ed by Certsure LLP Certsure LLP op							r value in the respectiv © Copyright Certs				*1	viiere tig	ure is not '	laken troi	11 DS /0/1	, state sou	ii ce:						 Page	87 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	TAIL	S ANI	D TE	ST RE	SUL	ſS	Ci	rcuits/equipme	nt vulne	erable	to dam	age wl	nen testi	ng:												
CODE	CODES For Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in non-metallic conduit non-metallic conduit non-metallic conduit non-metallic runking (E) Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermosetting / SWA														WA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	9							
er	Circuit description	BL (9	thod	served		cuit ctor csa	ction 71)		Protectiv	e device	,		RCD	nitted ed ice*			t impedan	. ,		Insul	lation resis	stance		l earth ance, Zs	RCD operating		est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	final circui sured end	to end)	All cir (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Dfault loop impedance, Zs	time	RCD	AFDD
			Ľ	Nur	Live (mm²)	cpc (mm <sup>2</sup> )					(A)	の (kA)	(mA)	(Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(R[+R])	RI	(MΩ)	(MΩ)	(V)			(ms)		
1	OVEN	Α	C	1	2.5		0.4	60898			20	6		1.74				0.13		>999	>999		•	0.52			<u> </u>
2	ROOM SOCKETS	A	C	7	2.5		0.4	60898			16	6		2.18				0.54		>999	>999			0.93			L
3	FRIDGE HEATER	A	C C	1	2.5 2.5		0.4 0.4	60898 60898			16 16	0		2.18 2.18				0.12 0.36		>999 >999	>999 >999			0.51 0.73			
# 5		A A	с С	1								6															
6	HOB       A       C       1       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       0.17       >999       >999       ✓       0.56       C       C         CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.59       >999       >999       ✓       0.77       ○       999       >999       ✓       0.56       C <thc< th=""> <thc< th=""> <thc< th=""></thc<></thc<></thc<>															'											
7	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6.85       .       0.59       >999       >999       .       .       0.97       .       0.97       .       0.97       .       0.97       .       0.97       .       0.97       .       0.97       .       0.99       .       .       0.99       .       .       0.97       .																										
8	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.59       >999       >999       ✓       0.97       0.9																										
9	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       .55       .599       >999       .																										
10	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6.85        0.59       >999       >999         0.97         0.97         0.97         0.99       >999         0.97        0.97        0.97        0.97        0.97        0.97        0.97        0.97        0.97        0.97        0.97        0.97        0.97        0.97       0																										
(to l	FRIBUTION BOARD (DB) DETAILS be completed in every case)	Lo	ocation	n of DI	on: <u>DB7</u> B: <u>ROC</u>	)M 59						Sign	ature:	MAS		DSON				Date	tion: <u>Elec</u> : <u>23/08/2</u>						
Supp Over Asso	BE COMPLETED ONLY IF THE DB ly to DB is from: (	tion c	ircuit	Туре	: (BS E	N	)	No.	) Nor of poles: (	minal vo ) F )	oltage: Rating: <u>A</u> n	( (	) V ) A ) m	No. A Oper	of phase ating tim )Ω			(ente Mult ( Insu ( Eartl	i-functio lation re	number on: sistanc ode resi	r against	) (	Cont Earth RCD:	inuity: h fault lo	oop imped	ance:	) ) )
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP op								n the respective Copyright Certsur				*	Where fig	ure is not	taken froi	m BS 7671	, state sou	rce:						 Page	88 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PA	RT 11 : SCHEDULE OF CIRCUIT DET	<b>FAILS</b>	S ANI	D TE	ST RE	SUL	rs	Circuits/equipmer	nt vuln	erable	to dam	iage wl	nen testi	ng:												
COL	DES For Type of wiring (A) Thermoplastic insulated / (A) sheathed cables	3) Thern metal	noplastic c lic conduit	cables in t	`´n	on-metalli	stic cables in c conduit	n (D) Thermoplastic cables in metallic trunking	(E) TI	hermoplas on-metallio	tic cables ir c trunking	· /	hermoplastic	/ SWA cables	G) Thern	nosetting / SV	WA cables (	H) Mineral-i	insulated ca	bles (O)	other - state	e				
P	Circuit description	0_	pou	served		rcuit ctor csa	tion 1)	Protective	e device	9		RCD	itted ce*		Circuit	impedan	ces (Ω)		Insul	ation resi	stance		earth nce, Zs	RCD operating	Te butt	est ions
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	final circuit sured end t	o end)	All ci (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
			Ľ	Nur	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )				(A)		(mA)	≥ – (Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ω) ⊻	(ms)		
1	OVEN	А	С	1	2.5			60898 MCB	В	20	6		1.74				, í		>999	>999		$\checkmark$	0.45			
2	ROOM SOCKETS	А	C	7	2.5			60898 MCB	В	16	6		2.18						>999	>999			0.64			
3	FRIDGE	А	C	1	2.5			60898 MCB	В	16	6		2.18						>999	>999			0.3.2			
4	HEATER	А	C	1	2.5			60898 MCB	В	16	6		2.18						>999	>999			0.43			
5	НОВ	А	C	1	2.5	1.5		60898 MCB	В	16	6		2.18						>999	>999			0.34			
6	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       5.85       Image: Contraction of the cont																									
7	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85         >999       >999       ✓       0.63																									
8	65       CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       Image: Contact on the state on th																									
9	7														<u> </u>											
10	1       1																									
	STRIBUTION BOARD (DB) DETAILS be completed in every case)			-	on: <u>DB7</u> B: <u>ROC</u>			T	ESTE	D BY			itals): M		DSON					ion: <u>Eler</u> : <u>23/08/</u> ;						
TO	<b>BE COMPLETED ONLY IF THE DB</b>	IS N	OT CO	ONN	ECTE	D DIF	RECTLY	Y TO THE ORIGIN	OF T	HE IN	STAL	LATIC	N				TES	T INST	RUMI	ENTS	teesh is		ment us			
Su	oply to DB is from: (							) Non	ninal v	oltage:	(	) V	No.	of phase	s: (	)		r serial i-functio		ayanis			tinuity:	cu)		
	ercurrent protection device for the distribu											)A		-			(	lation re			) (	(		op impeda		)
Ass	cociated RCD (if any) Type: (BS EN						)	No. of poles: (	)	₫∆n	(	) m	A Oper	ating tim	e: (	) ms	(				) (	(		oh mhegs	ance.	)
	aracteristics at this DB Confirmation of s												, ( <u>0.25</u>	)Ω	7 ( <u>964</u>	) kA	Eartl [] [	h electro	ode resi	stance:		RCD				)
	ertificate is based on the model forms shown in <i>i</i> shed by Certsure LLP Certsure LLP op							r value in the respective f © Copyright Certsure	ields, a e LLP (J	s appro uly 2018	priate. 3)	*	Vhere fig	ure is not t	taken fron	n BS 7671	, state sou	irce:						 Page	89 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	<b>FAIL</b>	S ANI	D TES	ST RE	SUL	rs	Ci	rcuits/equipme	nt vuln	erable	to dam	age wl	nen testi	ng:												
CODE	CODES For Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in non-metallic conduit non-metallic conduit (C) Thermoplastic cables in non-metallic trunking (E) Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermosetting / SWA														NA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	•							
ber	Circuit description	bu (s	thod	served		cuit ctor csa	ction 71)		Protectiv	e device	•		RCD	nitted ed 'ice*			t impedan	. ,		Insul	ation resi	stance		d earth ance, Zs	RCD operating		est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	final circui	to end)	All ci (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
			Ľ	Nur	Live (mm <sup>2</sup> )	cpc (mm²)	2 (s)				(A)	の (kA)	(mA)	(Ω)	(Line) r1	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1	OVEN	A	C	1	2.5		0.4	60898		В	20	6		1.74				0.12		>999	>999		•	0.51			<u> </u>
2	ROOM SOCKETS	A	C	7			0.4	60898		B	16	6		2.18				0.50		>999	>999			0.89			<u> </u>
3 1	FRIDGE HEATER	A ^	с С	1	2.5 2.5		0.4 0.4	60898 60898		B	16 16	6		2.18 2.18				0.10 0.32		>999 >999	>999 >999			0.49 0.71			<u> </u>
5		A A	r r	1						B		6															<u> </u>
6	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898       MCB       B       6       6       5.85       D.54       >999       999       900															<u> </u>											
7	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       .5 <t< td=""></t<>																										
8	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.54       >999       >999       ✓       0.93        6       6         CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.54       >999       >999       ✓       0.93 </td																										
9	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       .55																										
10	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       Image: Control of the symbolic control of the symbol																										
(to l	TRIBUTION BOARD (DB) DETAILS be completed in every case)	Lo	ocation	n of DE	n: <u>DB7</u> 3: <u>R00</u>	)M 57						Sign	ature:	MAS		DSON				Date	ion: <u>Elec</u> : 23/08/2						
Supp Over Asso	BE COMPLETED ONLY IF THE DB Ily to DB is from: (	tion c	ircuit	Туре:	: (BS E	N	)	No.	) Nor of poles: (	ninal vo ) F )	oltage: Rating: <u>A</u> n	( (	) V ) A ) m	No. A Oper	of phase ating tim )Ω	e: (		(ente Mult ( Insu ( Eartl	i-functio lation re	number on: sistanc ode resi	r against	) ( ) (	Cont Earth RCD:	inuity: n fault lo	ed) bop imped	ance:	) ) )
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP op								n the respective Copyright Certsur				*	Where fig	ure is not t	taken froi	n BS 7671	, state sou	irce:						 Page	90 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	<b>FAIL</b> S	S ANI	D TES	ST RE	SUL	ſS	Ci	rcuits/equipme	nt vuln	erable	to dam	age wl	nen testi	ng:												
CODE	CODES For Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in non-metallic conduit non-metallic conduit (C) Thermoplastic cables in non-metallic trunking (E) Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermosetting / SWA														NA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state								
er	Circuit description	BC (i	thod	served		rcuit ctor csa	ction 71)		Protectiv	ve device	•		RCD	nitted ed ice*			t impedan	. ,		Insul	ation resi	stance		l earth ance, Zs	RCD operating	Te butt	est ions
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	final circui	to end)	All cir (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	time	RCD	AFDD
			Ľ	Nur	Live (mm²)	cpc (mm²)					(A)	の (kA)	(mA)	(Ω)	(Line) r1	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1	OVEN	A	C	1	2.5		0.4	60898		В	20	6		1.74				0.14		>999	>999		•	0.48			<u> </u>
2 3	ROOM SOCKETS	A	C	7	2.5		0.4	60898		B	16	6	<b> </b>	2.18				0.42		>999	>999			0.76	'		
3	FRIDGE HEATER	A	с С	1	2.5 2.5		0.4 0.4	60898 60898		B	16 16	0 6		2.18 2.18				0.11 0.35		>999 >999	>999 >999			0.45 0.69	<b> </b> '		
+ 5		Δ	C	1						B		6										<u> </u>			<b> </b> '		<u> </u>
6	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898       MCB       B       6       6       5.85       D.49       >999       999       900																										
7	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       .       0.49       >999       >999       .       .       0.83       .       0																										
8	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.49       >999       999       ✓       0.83       0																										
9	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       .585       .599       >999       .599																										
10	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85        0.49       >999       >999         0.83																										
(to l	FRIBUTION BOARD (DB) DETAILS be completed in every case)	Lo	ocatior	n of DE	on: <u>DB7</u> 3: <u>ROC</u>	)M 56			<sup>1</sup>			Sign	ature:	MAS		DSON				Date	ion: <u>Elec</u> : 23/08/2						
Supp Over Asso	BE COMPLETED ONLY IF THE DB ly to DB is from: (	tion c	ircuit	Туре:	: (BS E	N	)	No.	) Nor	minal vo ) F )	oltage: Rating: <u>A</u> n	( (	)V )A )m	No. A Oper	of phase ating tim	e: (	) ms	(ente Mult ( Insu ( Eartl	i-functio lation re	number on: sistanc ode resi	e: e: stance:	) ( ) (	Conti Earth RCD:	inuity: n fault lo	oop imped	ance:	) )
This ce	rtificate is based on the model forms shown in a ed by Certsure LLP Certsure LLP op	Appen	dix 6 of	BS 767	71	Enter a	i ( 🗸	or value i		fields, a	s appro	priate.			)Ω <u>(1</u> ure is not t		) kA n BS 7671	, state sou								91 of	) 106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DET	TAILS	S ANI	D TES	ST RE	SUL	rs	Circuits/equipmer	ıt vulne	erable	to dama	age wł	nen testi	ng:												
CODE	CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in (C) Thermoplastic cables in inon-metallic crunking (D) Thermoplastic cables in (F) Thermoplastic / SWA cables (G) Thermosetting / SWA														WA cables (	H) Mineral-i	insulated ca	bles (O	) other - state	9						
5	Circuit description		рог	served		rcuit ctor csa	1) tion	Protective	e device	)		RCD	tted d Se*		Circui	t impedan	ces (Ω)		Insul	ation res	istance		earth nce, Zs	RCD operating	Te butt	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	срс	Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	inal circui ured end	to end)	All ci (complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	time	RCD	AFDD
				ž	(mm²)	(mm <sup>2</sup> )	(s)			(A)		(mA)	(Ω)	'n	rn	rŪ	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1	OVEN	A	C	1	2.5			60898 MCB		20	6		1.74						>999	>999	500		0.32	ļ!		'
2	ROOM SOCKETS FRIDGE	A	C C	/	2.5 2.5			60898 MCB 60898 MCB		16 16	6		2.18 2.18						>999 >999	>999 >999	500 500		0.61			
3	HEATER	A A	с С	1	2.5 2.5			60947-2 MCB		16	o 10		2.18						>999 >9999	>999	500		0.26 0.51	───┘		
5	HOB	Δ	с С	1	2.5			60898 MCB		16	6		0 2.18						>999	>999	500			───┘		
6	HOB       A       C       1       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       1       >999       >999       500       ✓       0.30       1       1         CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60947-2 MCB       B       6       10       0       1       1       2.999       >999       500       ✓       0.62       1       1         CONTACTORS/LIGHTS       A       C       3       1.5       1.4       60947-2 MCB       B       6       10       0       10       <																									
7	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60947-2 MCB       B       6       10       0       10       <																									
, 8	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60947-2 MCB       B       6       10       0       10 <t< td=""></t<>																									
9	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60947-2 MCB       B       6       10       0       10 <t< td=""></t<>																									
10	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60947-2 MCB       B       6       10       0       10 <t< td=""></t<>																									
	FRIBUTION BOARD (DB) DETAILS be completed in every case)	)		0	n: <u>DB7</u> 3: <u>ROC</u>				ESTE	D BY			itals): <u>M</u>		DSON				Date:	23/08/	ctrician (2019					
	BE COMPLETED ONLY IF THE DB							Y TO THE ORIGIN				LATIO		of phase	s: (	)	ente (ente	T INST r serial i-functio	number	ENTS agains	st each ii		ment us	ed)		
	current protection device for the distribut											·······			•		(	lation re		e:	) (		·	oop imped	ance:	)
	ciated RCD (if any) Type: (BS EN													ating tim			( Eartl	h electro	ode resi	stance	) ( :	RCD	:			)
	acteristics at this DB Confirmation of s											20		)Ω ure is not t		) kA m BS 7671					) (					)
	ed by Certsure LLP Certsure LLP op							© Copyright Certsure					9											Page	92 of	106



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ICR18

### **ELECTRICAL INSTALLATION CERTIFICATE**

PAF	IT 11 : SCHEDULE OF CIRCUIT DET	<b>FAIL</b>	S ANI	D TE	ST RE	SUL	rs	Cir	cuits/equipme	nt vuln	erable	to dam	age wl	nen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (A) sheathed cables	3) Therr meta	moplastic o Ilic condui	cables in t	(C) T	hermoplas on-metalli	stic cables i c conduit	in (D)	Thermoplastic cables in metallic trunking	(E) Tł	hermoplas on-metallic	ic cables in trunking	י <b>(F)</b> ד	hermoplastic	/ SWA cables	s (G) Therr	nosetting / S	WA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	9				
ber	Circuit description	ing ss)	ethod  )	s served		cuit ctor csa	ection 371)		Protectiv	e device	•	1	RCD	mitted lled vice*	Bing f	Circuit	impedan	( )	rcuits	Insul	lation resi	stance		ed earth lance, Zs	RCD operating time	Te butte	est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	hort-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*		sured end t		(complet	e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs			
			ž	Numt	Live (mm²)	cpc (mm²)	(s)				(A)	ਤੂੰ ਹ (kA)	(mA)	(Ω)	(Line) r⊡	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)	RCD	AFDD
1	OVEN	А	С	1	2.5			60898		В	20	6		1.74				0.12		>999	>999			0.55	<u> </u>		
2 3	ROOM SOCKETS	A	С	7	2.5			60898		В	16	6		2.18				0.58		>999	>999			1.01			<u> </u>
3	FRIDGE	A	С	1	2.5			60898		В	16	6		2.18				0.10		>999	>999			0.53	<u> </u>		<u> </u>
4	HEATER	A	С	1	2.5			60898		В	16	6		2.18				0.28		>999	>999			0.71	<u> </u>		L
5	5       HOB       A       C       1       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       0.16       >999       >999       ✓       0.59       0.59       0.59         6       CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.50       >999       >999       ✓       0.93       ✓																L										
6	Some CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       5.85       D.50       >999       >999       ✓       0.93       Control of the second															<u> </u>											
7	7     8 <td></td>																										
~	7       -																										
-	7       7																<u> </u>										
10																											
	TRIBUTION BOARD (DB) DETAILS be completed in every case)		B desig	-						ESTE	D BY			itals): M		DSON				Date	tion: <u>Elec</u> : <u>23/08/</u> 2						
	BE COMPLETED ONLY IF THE DB oly to DB is from: (														of phase	os: (	)	ente (ente	T INST r serial ti-functio	numbei	ENTS r agains			ment us	ed)		
· · ·	current protection device for the distribu														5. phaoo			(	lation re		е'	) (			oop imped	ance.	)
	ciated RCD (if any) Type: (BS EN														ating tim		) ms	; ( Eart	h electro	ode resi	istance:	) (	RCD	:			)
	racteristics at this DB Confirmation of s		-								-				)Ω <u>(</u>		) kA	. (				) (					)
	ertificate is based on the model forms shown in a ned by Certsure LLP Certsure LLP op								n the respective f opyright Certsur				^\	viiere ilg	ure 15 110[1	laken 1101	II DO /0/1	l, state sou							 Page	93 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DE	TAIL	S ANI	D TE	ST RE	SUL	ſS	Circuits/equ	uipment	t vulne	erable t	to dama	age wł	ien testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / ( sheathed cables	in (D) Thermoplastic metallic trunkir	cables in ng	(E) <sup>Th</sup>	ermoplasti n-metallic	c cables in trunking	(F) ™	nermoplastic	/ SWA cables	(G) Ther	mosetting / SV	NA cables (	H) Mineral-i	insulated ca	<sup>ibles</sup> (0)	other - state	•										
er	Circuit description	5	poq	points served		cuit ctor csa	ction 1)	Pr	rotective	device			RCD	itted ed ce*			t impedan	. ,		Insul	ation resist	stance		earth nce, Zs	RCD operating	Te butt	est ions
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points			Max. disconnection time (BS 7671)	BS (EN)		Type	Rating	hort-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	inal circui ured end	to end)	All cir (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	time	BCD	AFDD
			L.	Nun	Live (mm²)	cpc (mm²)	≥ (s)				(A)	の (kA)	(mA)	Σ <u>μ</u> (Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(R[+R])	RI	(MΩ)	(MΩ)	(V)		Ω), W	(ms)	NOD	
1	OVEN	А	C	1	2.5		0.4	60898 MCB			20	6		1.74				0.14		>999	>999		$\checkmark$	0.55			
2	ROOM SOCKETS	A	С	7	2.5		0.4	60898 MCB			16	6		2.18				0.40		>999	>999			0.81			
3	FRIDGE	A	C	1	2.5		-	60898 MCB			16	6		2.18				0.11		>999	>999			0.52			
4	HEATER	A	C	1	2.5		0.4	60898 MCB			16	6 0		2.18				0.29		>999	>999	/		0.70			
5       HOB       A       C       1       2.5       1.5       0.4       60898 MCB       B       16       6       2.18       0.18       >999       >999       ✓       0.59         6       CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       0.58       999       >999       ✓       0.99       >999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       999       ✓       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99       ○       0.99																											
0	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       .5       .5       .5       .5       .5       .5       .5       .5       .5       .55																										
8	Image: Second																										
9	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85        0.58       >999       >999        0.99       0.99																										
10	6       CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       Image: Second																										
	FRIBUTION BOARD (DB) DETAILS be completed in every case)	0		-	on: <u>DB8</u> B: <u>ROC</u>				TE	STEI	D BY			itals): M		DSON				Date	ion: <u>Elec</u> : <u>23/08/</u> 2						
Supp Over Asso Char	current protection device for the distribu ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of s	i <b>tion c</b> supply	<b>ircuit</b> polari	Type ty: (	:: (BS E )	N Pha:	) se sequ	No. of poles: uence confirmed	) Nomi (   (where	inal vo ) R ) e appro	oltage: Rating: <u>A</u> n opriate	( ( (	)V )A )m/ Zs	No. A Oper ; ( <u>0.41</u>	of phase ating tim )Ω	e: (	) ms ) kA	(ente Mult ( Insu ( Eartl	i-functio lation re h electro	number on: sistanc ode resi	r agains e: stance:	) ( ) ( ) ( ) (	Conti Earth RCD:	inuity: n fault lc	oop imped	ance:	)
	rtificate is based on the model forms shown in ed by Certsure LLP Certsure LLP op							r value in the respe © Copyright C					v	viiere ilgi			. 55 /0/1	, state sou							 Page	94 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DET	AILS	S ANI	D TES	ST RE	SUL	rs	Circuits/equipme	nt vuln	erable	to dam	age wl	nen testi	ng:												
CODES For Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in non-metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in non-metallic trunking (F) Thermoplastic function (F) The													/ SWA cables	G (G) Theri	nosetting / S\	NA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	3					
er	Circuit description	B	poq	served		rcuit ctor csa	ction 1)	Protectiv	e device	9		RCD	itted sd ce*			timpedan	· · /		Insul	ation resi	stance		earth nce, Zs	RCD operating	Te butt	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	срс	Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, IΔn	Maximum permitted Zs for installed protective device*	(meas	final circuit	to end)	All ci (complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
		•	0	_	(mm²)	(mm <sup>2</sup> )	(s)	00000 1400		(A)	(kA)	(mA)	(Ω)	`r0 ´	` rn ´	rŰ	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
	OVEN	A	C C		2.5		0.4	60898 MCB 60898 MCB	B	20	6		1.74				0.05		>999	>999			0.62			<u> </u>
2	ROOM SOCKETS FRIDGE	A	C C		2.5 2.5		0.4 0.4	60898 MCB	B	16 16	0		2.18 2.18				0.22 0.04		>999 >999	>999 >999			0.79			<u> '</u>
0	HEATER	A ^	с С		2.5 2.5			60898 MCB	D R	16	6		2.10				0.04 0.15		>999	>999			0.61 0.72			
5	НОВ	A A	C C		2.5		0.4 0.4	60898 MCB	B	16	6		2.18				0.13		>999	>999			0.72			
6		Δ	r r						B		6															
7																										
6       CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       5.85       0       0.38       >999       >999       ✓       0.95       0       0         7															<u> </u>											
7																<u> </u>										
10																										
	FRIBUTION BOARD (DB) DETAILS be completed in every case)			gnatior 1 of DB					ESTE	D BY			itals): M	ARK HUI	DSON				Date	ion: <u>Elec</u> : <u>23/08/2</u>						·····
	BE COMPLETED ONLY IF THE DB																TES	T INST r serial	RUMI	ENTS r against	t each iı	nstrui	ment us	ed)		
Supp	ly to DB is from: (DB 2 LEVEL 2							) Nor	ninal v	oltage:	(230	)V	No.	of phase	es: ( <u>1</u>	)		i-functio					inuity:			
Over	current protection device for the distribut	tion ci	rcuit	Type:	(BS E	N <u>610</u>	09		)	Rating:	(40	)A					l ( Insu	lation re	sistanc	e:	) (	Earth	n fault lo	oop imped	ance:	)
	ciated RCD (if any) Type: (BS EN													ating tim			Eart	n electro	ode resi	stance:	) (	( RCD:				)
Char	acteristics at this DB Confirmation of s	upply p	polarit	ty: ( <sub></sub>										)Ω			(				) (					)
	rtificate is based on the model forms shown in A ed by Certsure LLP Certsure LLP op							r value in the respective f © Copyright Certsur				*	Where fig	ure is not 1	taken fror	n BS 7671	, state sou	rce:						 Page	95 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

P	ART 11 : SCHEDULE OF CIRCUIT DE	TAIL	S ANI	D TE	ST RE	SUL	rs	Circuits/equipmen	ıt vulne	erable	to dam	age wl	nen testi	ng:												
C	DDES For Type of wiring (A) Thermoplastic insulated / ( sheathed cables	B) Ther meta	moplastic o Illic condui	cables in t	`´n	on-metalli	stic cables in c conduit	n (D) Thermoplastic cables in metallic trunking	(E) Th	hermoplast on-metallic	ic cables in trunking	· /	hermoplastic	/ SWA cables	(G) Therm	nosetting / SV	WA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	,				
	Circuit description	00	poq	served		rcuit ctor csa	tion (1	Protective	edevice	•		RCD	itted ed ce*		Circuit	impedan	ces (Ω)		Insul	ation resi	stance		earth nce, Zs	RCD operating	Te butte	
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	inal circuit ured end t	o end)	All ci (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
			1	Nur	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )				(A)		(mA)	≥ – (Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ωj ≤	(ms)		
1	OVEN	А	С	1	2.5	1.5	0.4	60898 MCB	В	20	6		1.74				0.10		>999	>999		$\checkmark$	0.48			
2	ROOM SOCKETS	А	С	7	2.5			60898 MCB	В	16	6		2.18				0.30		>999	>999			0.68			
3	FRIDGE	А	С	1	2.5			60898 MCB	В	16	6		2.18				0.03		>999	>999			0.41			
4	HEATER	А	С	1	2.5			60898 MCB	В	16	6		2.18				0.22		>999	>999			0.60			
5	НОВ	А	С	1	2.5	1.5		60898 MCB	В	16	6		2.18				0.09		>999	>999			0.47			
6	6       CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       .       0.61       >999       >999																									
7	CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       5.85       0.61       >999       999       ✓       0.99       0.99       ✓       0.99       0.99       ✓       0.99       0.99       ✓       0.99       0.99       ✓       0.99       0.99       ✓       0.99       0.99       ✓       0.99       0.99       ✓       0.99       0.99       ✓       0.99       0.99       ✓       0.99       0.99       ✓       0.99       0.99       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ✓       0.99       ○       ○       0.99       ○       ○       0.99       ○       0.99       ○																									
8	65       CONTACTORS/LIGHTS       A       C       3       1.5       1       0.4       60898 MCB       B       6       6       5.85       D.61       >999       999														<u> </u>											
9	1       1															<u> </u>										
10	7																									
	ISTRIBUTION BOARD (DB) DETAIL o be completed in every case)	0	B desig	-				TI	E <b>STE</b>	D BY			itals): <u>M</u>		DSON					ion: <u>Eler</u> : <u>23/08/</u> 2						
T	O BE COMPLETED ONLY IF THE DB	IS N	OT C	ONN	ECTE	D DIF	RECTLY	Y TO THE ORIGIN	OF TI	HE IN	STAL	LATIC	N				TES	T INST	RUM	ENTS	t aaab ii					
S	upply to DB is from: (							) Nom	inal vo	oltage:	(	)V	No.	of phase	s: (	)		<b>r serial</b> i-functio		ayams	t each ir		inuity:	eu)		
	vercurrent protection device for the distribu											)A		·			(	lation re			) (	(		oop impeda		)
	ssociated RCD (if any) Type: (BS EN												A Oper	ating tim	e: (	) ms	(				) (	(		oh mheas		)
	naracteristics at this DB Confirmation of s												, ( <u>0.38</u>	)Ω	7 ( <u>636</u>	) kA	Eartl (	h electro	ode resi	stance:	) (	RCD:				)
	certificate is based on the model forms shown in lished by Certsure LLP Certsure LLP of							r value in the respective fi © Copyright Certsure				*	Vhere fig	ure is not t	taken fron	n BS 7671	, state sou	irce:						 Page	96 of	106



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#### **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAR	T 11 : SCHEDULE OF CIRCUIT DET	FAILS	SAND	) TES	ST RE	SULT	S	Circuits/equipm	nent vuln	erable	e to dam	age wl	nen testi	ng:												
CODE	For Type of wiring (A) Thermoplastic insulated / (E) sheathed cables	B) Therm metalli	oplastic c ic conduit	ables in	(C) T	hermoplas on-metallio	tic cables ir conduit	n (D) Thermoplastic cables metallic trunking	<sup>is in</sup> (E) T	hermopla: on-metalli	stic cables ir ic trunking	י <b>(F)</b> ד	hermoplastic	/ SWA cables	(G) Therr	nosetting / S\	WA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	;				
٩	Circuit description		pou	served		rcuit ctor csa	tion 1)	Protect	tive device	e		RCD	itted ea*		Circuit	impedan	ces (Ω)		Insu	lation resis	stance		earth nce, Zs	RCD operating	Te butt	est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	срс	Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(measi	inal circuit ured end t (Neutral)	o end)	All ci (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
1		•		Z	(mm²)	(mm <sup>2</sup> )	(s)			(A)	(kA)	(mA)	(Ω)	`r0´	rn	rŰ	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1 2	OVEN ROOM SOCKETS		C C	1	2.5 2.5			60898 MCB 60898 MCB	B	20 16	0	<u> </u>	1.74 2.18				0.08 0.24		>999 >999	>999 >999	──		0.54 0.70			'
2	FRIDGE		C C	/ 1	2.5 2.5		-	60898 MCB	B	16	0		2.18				0.24 0.04		>999	>999	──		0.70			'
4	HEATER		C C	1	2.5		-	60898 MCB	B	16	6		2.18				0.04		>999	>999	──		0.50			
5	НОВ	· ·	C	י 1	2.5			60898 MCB	B	16	6		2.18				0.02		>999	>999	┼───	•	0.48			'
6	CONTACTORS/LIGHTS	· ·	C C	י ג	1.5			60898 MCB	B	6	6		5.85				0.65		>999	>999	┼──	· ·	1.01			
7		ſ	0		1.5	ŀ	0.4				- <sup>0</sup>		0.00				0.00		- 000		<u> </u>	<u>├</u>	1.01			'
8											+									+	<u> </u>	$\vdash$	<u> </u>			<u> </u>
9																				+	<u> </u>		<u> </u>			
10																				<u> </u>						
	RIBUTION BOARD (DB) DETAILS e completed in every case)		3 desig	-		34 )M 50			TESTE	D BY			itals): M	ARK HUC	DSON				Date	tion: <u>Elec</u> :: <u>23/08/2</u>						
TOE	E COMPLETED ONLY IF THE DB												N				TES (ente	T INST r serial	RUMI	ENTS r against	t each ir	nstru	ment us	ed)		
Supp	y to DB is from: (							) N	lominal v	oltage	: (	)V	No.	of phases	s: (	)		i-functio					inuity:			
	current protection device for the distribu											)A					( <u></u>    Insu	lation re	sistanc	;e:	) (	Earth	n fault Ic	oop imped	ance:	)
	ciated RCD (if any) Type: (BS EN												A Oper	ating time	e: ( <u>7.4X1</u>	l) ms	Eartl	n electro	ode resi	istance:	) (	RCD:	:			)
Chara	acteristics at this DB Confirmation of s	upply	polarit	ty: (	)	Phas	e sequ	ence confirmed (wh	here app	ropriat	te): 🔲			)Ω <u>/</u> 2		) kA	(				) (	(				)
	tificate is based on the model forms shown in <i>i</i> ad by Certsure LLP Certsure LLP op							r value in the respectiv © Copyright Certs				*	Vhere fig	ure is not t	aken fron	n BS 7671	, state sou	rce:						 Page	97 of	106

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

### **ELECTRICAL INSTALLATION CERTIFICATE**

PA	RT 11 : SCHEDULE OF CIRCUIT DI	TAIL	S AN	D TE	ST RE	SUL	rs	Circuits/ed	quipmen	ıt vulne	erable	to dama	age wł	nen testi	ng:												
CO	DES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Ther meta	moplastic Illic condu	cables in it	(C) T	hermoplas on-metalli	tic cables i c conduit	n (D) Thermoplasti metallic trun	ic cables in king	(E) Th	ermoplasti n-metallic	ic cables in trunking	(F) T	hermoplastic	/ SWA cables	s (G) Therr	nosetting / S\	WA cables (	H) Mineral-i	nsulated ca	bles (O)	other - state	9				
nber	Circuit description	ring es)	lethod 1)	ts served		rcuit ctor csa	nection 671)	F	Protective	device		1	RCD	rmitted alled evice*	Ring f	Circuit	t impedan	. ,	rcuits	Insul	ation resis	stance		ed earth dance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)		Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*		sured end t		(complet	e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs		RCD	
			ц	Num	Live (mm²)		(s)				(A)	ත් (kA)	(mA)	Σີ <u>Ω</u>	(Line) rl	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ωjault	(ms)	RCD	AFDD
1	OVEN	A	С	1	2.5			60898 MCB			20	6		1.74				0.02		>999	>999			0.50			
2	ROOM SOCKETS + HEATER	A	С	8	2.5			60898 MCB			20	6		2.18				0.21		>999	>999		•	0.69			
3	FRIDGE	A	С	1	2.5			60898 MCB			16	6		2.18				0.01		>999	>999			0.49			
4	НОВ	A	C	1	2.5			60898 MCB		В	16	6		2.18				0.04		>999	>999			0.52			
b	CONTACTORS/LIGHTS	A	C	3	1.5	n —	0.4	60898 MCB		В	6	6		5.85				0.42		>999	>999		$\checkmark$	0.90			
р 7		_		_	_	<u> </u>																					
0				-	_																						
9		+		-																					+		
5 10		+	-	-						-															++		
(to	STRIBUTION BOARD (DB) DETAII be completed in every case)	L	ocatio	n of D	on: <u>DB8</u> B: <u>RO(</u>	)M 49						Signa	ature:	MA		DSON				Date:	ion: <u>Elec</u> 23/08/2						
Su Ov	BE COMPLETED ONLY IF THE DE pply to DB is from: (	ution c	rcuit	Туре	: (BS E	N			_) Nom	iinal vo ) F	oltage: Rating:	(	) V ) A	No.	of phase ating tim			(ente Muli ( Insu	T INST er serial ti-function lation re	number on:	against	) (	Cont	inuity:	sed) bop impeda	ance:	)
Ch	aracteristics at this DB Confirmation of	supply	v polari	ity: (	)	Phas	se sequ	ence confirme	d (wher	e appr	opriate	e):	Zs	, ( <u>0.48</u>	)Ω _/	<sub>₹7</sub> (515	) kA	Eart (	h electro			) (	RCD:				)
	certificate is based on the model forms shown in shed by Certsure LLP Certsure LLP							r value in the resp © Copyright					~V	viiere tiĝi	ure is not '	laken tröf	II DO /0/1	, state sou	e:						 Page	98 of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PAR	T 11 : SCHEDULE OF CIRCUIT DET	FAILS	SAND	) TES	ST RE	SULT	S	Circuits/equipm	ent vuln	erable	to dam	age wl	nen testi	ng:												
CODE	<b>5 For Type of wiring</b> (A) Thermoplastic insulated / (E) sheathed cables	B) Therm metalli	oplastic c ic conduit	ables in	(C) T	hermoplas on-metallio	tic cables ir conduit	n (D) Thermoplastic cables metallic trunking	sin (E) T	hermoplas on-metalli	stic cables ir c trunking	י <b>(F)</b> ד	hermoplastic	/ SWA cables	(G) Therr	nosetting / S\	WA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	9				
٩	Circuit description		pou	served		rcuit ctor csa	tion 1)	Protect	tive device	9		RCD	itted ea*		Circuit	impedan	ces (Ω)		Insu	lation resis	stance		earth nce, Zs	RCD operating	Te butt	est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	срс	Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(measu	inal circuit ured end t (Neutral)	o end)	All ci (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	time	RCD	AFDD
1		•	0	Z	(mm²)	(mm <sup>2</sup> )	(s)			(A)	(kA)	(mA)	(Ω)	`r0 ́	rn	rŰ	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		
1 2	OVEN ROOM SOCKETS	A	C C	1	2.5 2.5			60898 MCB 60898 MCB	B	20 16	0	<u> </u>	1.74 2.18				0.10 0.15		>999 >999	>999 >999	<b> </b> '		0.58 0.63			<u> </u>
2	FRIDGE		C C	/ 1	2.5 2.5		-	60898 MCB	P B	16	6		2.18				0.15		>999	>999		•	0.63	<b></b>		
4	HEATER		C C	1	2.5		-	60898 MCB	B	16	6		2.18				0.04		>999	>999	<u> </u> '		0.52			
5	НОВ	· ·	C	י 1	2.5			60898 MCB	B	16	6		2.18				0.03		>999	>999	<u> </u>	•	0.49	+		'
6	CONTACTORS/LIGHTS	· ·	C C	י ג	1.5			60898 MCB	B	6	6		5.85				0.43		>999	>999	'	· ·	0.91	+		
7		ſ	0		1.5	ŀ	0.4		_ <b>F</b> _		-		0.00				0.40		- 000	- 000		<b>–</b>	0.01			'
8									+-											<u> </u>				+		<u> </u>
9									+											+				+ +		
10																				-						
	FRIBUTION BOARD (DB) DETAILS e completed in every case)		3 desiç cation	-		36 DM 48			TESTE	D BY			itals): <u>M</u>	ARK HUD	DSON				Date	tion: <u>Elec</u> : <u>23/08/2</u>						
TOE	BE COMPLETED ONLY IF THE DB												N				TES (ente	T INST r serial	RUMI	ENTS r against	t each ir	nstru	ment us	sed)		
Supp	ly to DB is from: (							) No	ominal v	oltage	: (	)V	No.	of phases	s: (	)		i-functio		-			inuity:	-		
	current protection device for the distribu											)A					l ( Insu	lation re	sistanc	;e:	) (	Earth	n fault lo	oop impeda	ance:	)
	ciated RCD (if any) Type: (BS EN												A Oper	ating time	e: ( <u>7.0X1</u>	l) ms		n electro	ode resi	istance:	) (	RCD:				)
Chara	acteristics at this DB Confirmation of s	upply	polarit	ty: (	)	Phas	e sequ	ence confirmed (wh	ere appr	ropriat	:e): 🔲			)Ω [ <u>7</u>			(				) (					)
	tificate is based on the model forms shown in <i>i</i> ed by Certsure LLP Certsure LLP op							r value in the respective © Copyright Certsu				*	Vhere fig	ure is not t	aken fron	n BS 7671	, state sou	rce:						 Page	99 of	106

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#### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DET	AILS		) TES	ST RE	SULI	S	Circuits/equipment	t vuln	erable	to dam	age wl	nen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (F sheathed cables	3) Therm metalli	oplastic c ic conduit	ables in	(C) T	hermoplas on-metallio	tic cables i c conduit	n (D) Thermoplastic cables in metallic trunking	(E) T n	hermoplast on-metallic	ic cables in trunking		hermoplastic	/ SWA cables	(G) Therr	nosetting / SV	VA cables (	H) Mineral-i	insulated ca	bles (O)	other - state	)				
er	Circuit description	D	poq	served		rcuit ctor csa	ction 1)	Protective	device	9		RCD	iitted ed ice*			impedano	. ,		Insul	ation resis	stance		earth nce, Zs	RCD operating	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(measi	inal circuit ured end t	o end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
			Ľ	Nur	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	(s)			(A)		(mA)	≥ – (Ω)	(Line) r□	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ωj γ	(ms)		
1	OVEN		C	1	2.5	1.5			В	20	6		1.74						>999	>999		$\checkmark$	0.57			
2	ROOM SOCKETS		C	7	2.5				В	16	6		2.18						>999	>999			0.68			
3	FRIDGE		C	1	2.5		-	60898 MCB	В	16	6		2.18						>999	>999			0.51			
4	HEATER		C	1	2.5			60898 MCB	В	16	6		2.18						>999	>999			0.61			
5	HOB		C	1	2.5				В	16	6		2.18						>999	>999		•••	0.49			
6	CONTACTORS/LIGHTS	А	C	3	1.5	<u>n</u>	0.4	60898 MCB	В	6	6	<b> </b>	5.85						>999	>999		$\checkmark$	0.92			
0																										
9																										
10									-																	
	FRIBUTION BOARD (DB) DETAILS be completed in every case)				n: <u>DB8</u> 3: <u>R0C</u>			<b>  TE</b>	STE	D BY			itals): <u>M</u>		DSON				Date	ion: <u>Elec</u> : <u>23/08/2</u>						
<b>T0</b> I	BE COMPLETED ONLY IF THE DB	IS NO	DT CO	ONN	ECTE	D DIF	ECTL	Y TO THE ORIGIN (	OF T	HE IN	STAL	LATIC	N				TES (ente	T INST		ENTS ragainst	t each ii	nstru	ment us	ed)		
Supp	ly to DB is from: (							) Nomi	inal v	oltage:	(	)V	No.	of phase	s: (	)		i-functio		292110			inuity:	1		
Over	current protection device for the distribu	tion ci	rcuit	Type:	(BS E	N			)	Rating:	(	)A					(   Insul	lation re	sistanc	e:	) (	Earth	n fault lo	op impeda	ance:	)
Asso	ciated RCD (if any) Type: (BS EN						)	No. of poles: (	)	<u>/</u> ∄_n	( <u>30</u>	) m	A Oper	ating tim	e: ( <u>7.4X</u> 1	l) ms	(			stance:	) (	RCD:		- F <b>F</b> 2 G.		)
Char	acteristics at this DB Confirmation of s	upply	polarit	ty: (	)	Phas	e sequ	ence confirmed (where	e appi	ropriate	e):	20		)Ω			(				) (					)
	rtificate is based on the model forms shown in <i>i</i> ed by Certsure LLP Certsure LLP op							r value in the respective fie © Copyright Certsure				*	Vhere fig	ure is not t	aken fron	n BS 7671	, state sou	rce:						 Page	100of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PAR	T 11 : SCHEDULE OF CIRCUIT DET	TAILS	S ANI	D TE	ST RE	SUL	ГS	Circuits/equipm	nent vuln	erable	to dam	age wl	nen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (E) sheathed cables	3) Therm metal	noplastic d lic condui	cables in it	``' n	on-metall	stic cables ic conduit	in (D) Thermoplastic cables metallic trunking	sin (E) Ti	hermoplas on-metalli	tic cables ir c trunking	· /	hermoplastic	/ SWA cables	s (G) Ther	mosetting / S\	WA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	9				
5	Circuit description	0.	рог	served		rcuit ctor csa	1) tion	Protect	tive device	9		RCD	d d ce*		Circui	t impedan	ces (Ω)		Insul	ation resi	stance		earth nce, Zs	RCD operating	Te butt	est
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	срс	Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, IΔn	Maximum permitted Zs for installed protective device*	(meas	final circui sured end	to end)	All ci (complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	time	RCD	AFDD
			6	ž	(mm²)	) (mm²)			-	(A)		(mA)	(Ω)	rl	rn	r[]	(RI+RI)	RI	(MΩ)	(MΩ)	(V)			(ms)		_
	OVEN	A	C	1	2.5		0.4	60898 MCB	B	20	6		1.74				0.11		>999	>999			0.52			'
2 3	ROOM SOCKETS FRIDGE	A A	с С	/	2.5 2.5		0.4 0.4	60898 MCB 60898 MCB	B	16 16	0		2.18 2.18				0.30 0.06		>999 >999	>999 >999			0.71 0.47			
0	HEATER	A ^	C C	1	2.5		0.4 0.4	60898 MCB	B	16	6		2.18				0.00		>999	>999			0.47			
5	НОВ	Δ	r r	1	2.5		0.4	60898 MCB	B	16	6		2.10				0.20		>999	>999			0.03			
6	CONTACTORS/LIGHTS	Δ	C	3	1.5	1.5	0.4 0.4	60898 MCB	B	6	6		5.85				0.53		>999	>999			0.94			
7		ſ		-	1.0	ŀ				ř	ř –		0.00				0.00		- 000	- 000		Ť	0.01			
8					+																					
9																										
10					+																					
	TRIBUTION BOARD (DB) DETAILS be completed in every case)	)		0	on: <u>DB8</u> B: <u>R00</u>				TESTE	D BY			itals): <u>M</u>		DSON				Date	ion: <u>Elec</u> : <u>23/08//</u>						
Supp	BE COMPLETED ONLY IF THE DB ly to DB is from: (							) N	ominal v	oltage:	(	)v		of phase	es: (	)	(ente Mult	T INST r serial i-functio	number on:	r agains	) (	Cont	tinuity:			)
Asso	ciated RCD (if any) Type: (BS EN						)	No. of poles: (	)	<u>/</u> ∄∆ n	(	)m   <i>z</i> :	, ( <u>0.41</u>	ating tim )Ω <sub>[]</sub>	刃 ( <u>605</u>	) kA	( Eartl	lation re h electro	ode resi	stance:	) ( ) (	RCD:	:	oop imped	ance:	) )
	rtificate is based on the model forms shown in A ed by Certsure LLP Certsure LLP op							r value in the respectiv © Copyright Certs				*	Vhere fig	ure is not i	taken froi	n BS 7671	, state sou	irce:						 Page	101of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

PA	RT 11 : SCHEDULE OF CIRCUIT DET	<b>FAIL</b>	S ANI	D TES	ST RE	SUL	ГS	Circuits/equipme	nt vuln	erable	to dam	age wl	nen testi	ng:												
CO	DES For Type of wiring (A) Thermoplastic insulated / (A) sheathed cables	B) Therr metal	noplastic c Ilic conduit	cables in t	`´n	on-metall	stic cables ir ic conduit	n (D) Thermoplastic cables in metallic trunking	• (E) TI	hermoplas on-metallio	tic cables ir trunking	· /	hermoplastic	/ SWA cables	G) Therr	nosetting / SV	WA cables (	H) Mineral-i	insulated ca	ibles (O)	other - state	9				
La la	Circuit description		poq	served		rcuit ctor csa	tion	Protectiv	e device	•		RCD	itted ed ce*		Circuit	impedan	ces (Ω)		Insul	ation resi	stance		earth nce, Zs	RCD operating	Te butte	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	final circuit	o end)	All ci (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
			1	Nur	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )				(A)		(mA)	≥ – (Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(R[+R])	RI	(MΩ)	(MΩ)	(V)		⊇ an Ω)	(ms)		
1	OVEN	А	C	1	2.5	1.5	0.4	60898 MCB	В	20	6		1.74				0.03		>999	>999		$\checkmark$	0.59			
2	ROOM SOCKETS	А	С	7	2.5			60898 MCB	В	16	6		2.18				0.27		>999	>999			0.83			
3	FRIDGE	А	С	1	2.5			60898 MCB	В	16	6		2.18				0.02		>999	>999			0.58			
4	HEATER	А	С	1	2.5			60898 MCB	В	16	6		2.18				0.23		>999	>999			0.79			
5	НОВ	А	C	1	2.5	1.5		60898 MCB	В	16	6		2.18				0.10		>999	>999			0.66			
6	CONTACTORS/LIGHTS	А	С	3	1.5	1	0.4	60898 MCB	В	6	6		5.85				0.38		>999	>999		$\checkmark$	0.94			
7																										
8																										
9																										<u> </u>
10																										
	STRIBUTION BOARD (DB) DETAILS be completed in every case)		B desig	-				<sup>T</sup>	ESTE	D BY			itals): <u>M</u>		DSON					ion: <u>Eler</u> : <u>23/08/</u> ;						
Т	BE COMPLETED ONLY IF THE DB	IS N	OT CO	ONN	ECTE	D DI	RECTL	Y TO THE ORIGIN	OF T	HE IN	STAL	LATIC	N				TES	T INST	RUM	ENTS						
Su	pply to DB is from: (							) Nor	ninal v	oltage:	(	) V	No.	of phase	s: (	)		r serial i-functio		ayams			ment us inuity:	eu)		
	ercurrent protection device for the distribu											)A		-			(	lation re			) (			op imped		)
	sociated RCD (if any) Type: (BS EN												A Oper	ating tim	e: (	) ms	(				) (			ор ширеа		)
	aracteristics at this DB Confirmation of s												, ( <u>0.56</u>	)Ω	7 ( <u>447</u>	) kA	Eart	h electro	ode resi	stance:		RCD:				)
	certificate is based on the model forms shown in shed by Certsure LLP Certsure LLP op							r value in the respective © Copyright Certsur	fields, a e LLP (J	s appro uly 2018	priate. 3)	*	Vhere fig	ure is not t	taken fron	n BS 7671	, state sou	irce:						 Page	102of	106



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### **ELECTRICAL INSTALLATION CERTIFICATE**

P	ART 11 : SCHEDULE OF CIRCUIT DE	TAIL	S ANI	D TE	ST RE	SUL	rs	Circuits/equipme	nt vuln	erable	to dam	age wł	nen testi	ng:												
C	ODES For Type of wiring (A) Thermoplastic insulated / ( sheathed cables	B) Theri meta	noplastic o Ilic condui	cables in t	`´n	on-metalli	stic cables in c conduit	n (D) Thermoplastic cables in metallic trunking	(E) Ti	hermoplas on-metallio	tic cables ir trunking	· ′	hermoplastic	/ SWA cables	G) Thern	nosetting / SV	WA cables (	H) Mineral-i	nsulated ca	ibles (O)	other - state	9				
	Circuit description	0	poq	served		rcuit ctor csa	tion 1)	Protectiv	e device	•		RCD	itted sd ce*			impedan	· · /		Insul	ation resi	stance		earth nce, Zs	RCD operating	Te butto	
	CIrcuit number	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	final circuit ured end t	o end)	All ci (complet one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D <sup>f</sup> ault loop impedance, Zs	time	RCD	AFDD
			1	Nur	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )				(A)		(mA)	≥ – (Ω)	(Line) rl	(Neutral) rn	(cpc) rl	(RI+RI)	RI	(MΩ)	(MΩ)	(V)		Ωj ≤	(ms)		
1	OVEN	А	С	1	2.5	1.5	0.4	60898 MCB	В	20	6		1.74				0.13		>999	>999		$\checkmark$	0.61			
2	ROOM SOCKETS	А	С	7	2.5			60898 MCB	В	16	6		2.18				0.34		>999	>999			0.82			
3	FRIDGE	А	С	1	2.5			60898 MCB	В	16	6		2.18				0.11		>999	>999			0.59			
4	HEATER	A	С	1	2.5			60898 MCB	В	16	6		2.18				0.32		>999	>999			0.80			
5	НОВ	А	С	1	2.5	1.5		60898 MCB	В	16	6		2.18				0.15		>999	>999			0.63			
6	CONTACTORS/LIGHTS	Α	C	3	1.5	1	0.4	60898 MCB	В	6	6		5.85				0.47		>999	>999		$\checkmark$	0.95			
7																										
8																										
9																										<u> </u>
10																										
	ISTRIBUTION BOARD (DB) DETAIL to be completed in every case)	0	B desig	-					ESTE	D BY			itals): <u>M</u>		DSON					ion: <u>Elec</u> : <u>23/08/</u> 2						
Т	O BE COMPLETED ONLY IF THE DB	IS N	OT CO	ONN	ECTE	D DIF	RECTLY	Y TO THE ORIGIN	OF TI	HE IN	STAL	LATIC	N				TES	T INST	RUMI	ENTS				a di		
s	upply to DB is from: (							) Non	ninal vo	oltage:	(	) V	No.	of phase	s: (	)		r serial i-functio		ayams			ment us inuity:	eu)		
	vercurrent protection device for the distribu											)A		-			(	lation re		o:	) (			op imped		)
	ssociated RCD (if any) Type: (BS EN												A Oper	ating tim	e: (	) ms	(				) (			ioh iiihea	ance:	)
	haracteristics at this DB Confirmation of s												, ( <u>0.48</u>	)Ω	7 ( <u>516</u>	) kA	Eartl (	h electro	ode resi	stance:		RCD:				)
	s certificate is based on the model forms shown in plished by Certsure LLP Certsure LLP of							value in the respective f © Copyright Certsure	fields, a: e LLP (J	s appro uly 2018	priate. 3)	*\	Vhere fig	ure is not t	taken fron	n BS 7671	, state sou	irce:						 Page	103of	106



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

## **ELECTRICAL INSTALLATION CERTIFICATE**

PART 11 : SCHEDULE OF CIRCUIT	DETAILS AND TEST RESULTS	Circuits/equipr	ment vulnerable to dama	age when testing	g:							
CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cable metallic trunking	es in (E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / S	WA cables (G) Thermosetting / S	WA cables (H	) Mineral-insulated c	ibles (O) oth	er - state			
Circuit description			ctive device	RCD **	Circuit impedan			lation resista	nce	l earth ince, Zs	perating b	Test buttons
Circuit number	Type of wining (see Codes) Reference Method (BS 7671) Number of points served rime (BS 7671) (s) Max disconnection (s) Max disconnection	BS (EN)	Type (V) Rating Short-circuit (V) Capacity		Ring final circuits only (measured end to end)       (Line) r0     (Neutral) rn     (cpc) r0	All circ (complete one colu (RI+RI)	at least		Test pltage DC (V)	Max. measured earth Bault loop impedance, Z	time RC (ms)	
DISTRIBUTION BOARD (DB) DETA												
(to be completed in every case)	Location of DB: ROOM 44		Signa	ature:			Date	:				
TO BE COMPLETED ONLY IF THE	DB IS NOT CONNECTED DIRECTLY	TO THE ORIG	IN OF THE INSTALI	ATION		TEST	INSTRUM serial numbe	ENTS	oob inotr	umontuoo	1)	
Supply to DB is from: (		) N	Nominal voltage: (	) V No. of	f phases: ()		serial numbe function:	i ayainst e		<b>ument use</b> d ntinuity:	1)	
Overcurrent protection device for the dist	ribution circuit Type: (BS EN		) Rating: (	)A		(	tion resistant	· · ·	) (	th fault loo	p impedanc	)
Associated RCD (if any) Type: (BS EN	)	No. of poles: (	) <u>A</u> n (	)mA Operat	ting time: ()ms	s (			) (		p inipedanc	<del>с</del> .
Characteristics at this DB Confirmation			here appropriate):		)Ω ()kA		electrode res	istance:	RCI ) (	D:		
his certificate is based on the model forms show Published by Certsure LLP Certsure LL Varwick House, Houghton Hall Park, Houghton Ri	P operates the NICEIC & ELECSA brands		ve fields, as appropriate. sure LLP (July 2018)		e is not taken from BS 7671	1, state sourc	ce:				Page 104	of 106



This certificate is not valid if the serial number has been defaced or altered **162227** 

ICR18

# **ELECTRICAL INSTALLATION CERTIFICATE**

#### **ADDITIONAL NOTES**

(see additional page No. N/A)

#### **NOTES FOR RECIPIENT**

#### THIS CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected, tested and verified in accordance with the national standard for the safety of electrical installations, BS 7671: 2018 (as amended) - Requirements for Electrical Installations (the IET Wiring Regulations).

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 every six months. For safety reasons it is important that this instruction is followed.

Also for safety reasons, the complete electrical installation will need to be inspected and tested at appropriate intervals by a skilled person or persons competent in such work. NICEIC\* recommends that you engage the services of an NICEIC Approved Contractor for this purpose. The maximum interval recommended before the next inspection is stated in PART 3. There should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

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

The certificate, which consists of at least six numbered pages, is only valid if accompanied by the Schedule of Items Inspected and the Schedule of Circuit Details and Test Results. The certificate has a printed seven-digit serial number which is traceable to the Approved Contractor to which it was supplied by NICEIC.

For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded on Page 6, one or more additional Schedules of Circuit Details and Test Results, should form part of the certificate.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

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

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

The 'Original' certificate should be retained in a safe place and shown to any skilled person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this certificate will demonstrate to the new user that the electrical installation complied with the requirements of BS 7671 at the time the certificate was issued.

The Construction (Design and Management) Regulations require that, for a project covered by those Regulations, a copy of this certificate, together with schedules, is included in the project health and safety documentation.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s) and signature(s) of the person(s) certifying the three elements of installation work: design, construction and inspection and testing, and page 3 identifies the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of BS 7671: 2018 (as amended) (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the Approved Contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with BS 7671.

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

Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, an additional page should have been provided which gives the relevant information relating to each additional source, and to the associated earthing arrangements and main switchgear.

Should the person ordering the work (e.g. the client, as identified on Page 1 of this certificate), have reason to believe that any element of the work for which the Approved Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with BS 7671: 2018 (as amended), the client should in the first instance raise the specific concerns in writing with the Approved Contractor. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard complaint form is available on request.

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

\* NICEIC is operated by Certsure LLP, a partnership between the Electrical Contractors' Association and the charity, Electrical Safety First. NICEIC maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).

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

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