

## 1 Description of the minor works

New  Addition  Alteration

Client **MICHAEL JENNINGS**  
Address **1 KING'S BRIDGE  
COVEN, NOVERHAMPTON**  
Postcode **WV9 5BS**

Installation **AS ACROSS**  
Address **AS ACROSS**  
Postcode

Records available Yes  No  Date of original installation **N/A**

Date completed **6/7/23**

Description of installation work covered by this certificate  
**installed 3x spur units for  
AWNINGS & lantern blind**

Details of departures from BS 7671:2018 as amended to 133.5) see page(s) **N/A**  
Comments on the existing installation. See page(s) **N/A**

Details of permitted exception (Regulation 411.3.3) Where applicable, a suitable risk assessment(s) must be attached to this certificate. Risk assessment attached

## 2 Supply characteristics and earthing arrangements

Earthing Arrangements TN-S  TN-C-S  TT  Other  Please specify:

Number and Type of Live Conductors AC  DC  No. of phases **1** No. of wires **2** Confirmation of supply polarity

Nature of Supply Parameters (Note: <sup>(1)</sup> by enquiry, <sup>(2)</sup> by enquiry or by measurement) Nominal voltage, U/U<sub>0</sub> **230** V Nominal frequency, f<sup>(1)</sup> **50**

Prospective fault current, I<sub>pf</sub><sup>(2)</sup> **1.21** kA External earth fault Impedance, Z<sub>e</sub><sup>(2)</sup>/Z<sub>cb</sub> **0.20** Ω

Supply Protective Device BS (EN) **1361** Type **TTB** Nominal current rating **80** A

Other Sources of Supply (as detailed on attached schedule) **N/A**

## 3 Particulars of installation referred to in this certificate

Means of Earthing  Details of installation Earth Electrode (where applicable) Electrode resistance to earth

Distributors facility  Installation Earth Electrode Location Maximum Demand (load) Amps

Main Protective Conductors	Material	csa	(✓) or Value	(connection/continuity) (✓) or Value	(✓) or Value
Earthing Conductor	Copper	16mm	✓	Ω	Water installation pipes <input checked="" type="checkbox"/> To structural steel
Main Protective Bonding Conductor	Copper	10mm	✓	Ω	Gas installation pipes <input checked="" type="checkbox"/> To lightning protection
Main Supply Conductor					Oil installation pipes <input type="checkbox"/> Other

Main switch / Switch-fuse / Circuit-breaker / RCD

Location **Garage** BS (EN) **60947-3** No. of Poles **2**  
Current Rating **100** A Fuse/device rating or setting **100** A Voltage rating **230** V  
If RCD main switch: Rated residual operating current I<sub>Δn</sub> **N/A** mA Rated time delay **N/A** ms Measured operating trip time **N/A** ms

### Distribution board details - complete in every case

Location **Garage**  
Designation **DB1**  
No. of ways **12**

### Complete only if the distribution board is not connected directly to the origin of the installation

Overcurrent protective device for the distribution circuit:  
No. of phases  
Nominal voltage

SPD Details: Type(s)\* T1  T2  T3  N/A

Supply to distribution board is from  
BS(EN) Type Rating  
RCD BS(EN) Type Rating

### SCHEDULE OF CIRCUIT DETAILS

Circuit No. and line No.	Circuit designation	Type of wiring	Ref. method	No. of points served	Circuit conductor csa (mm <sup>2</sup> )		Maximum disconnection time (BS 7671) (s)	Overcurrent protective devices			BS 7671 Max. permitted value Zs Other §	RCD		
					L/N	CPC		BS EN Number	Type	Rating (A)		BS EN Number	Type	
1	SOCKETS	AC		20	2x 2.5	2x 1.5	0.4	60087 AC 80			1.37	60087	AC	3
								60898 B 326						

Wiring Types: A PVC/PVC B PVC cables in metallic Conduit C PVC cables in non-metallic Conduit D PVC cables in metallic Trunking E PVC cables in non-metallic Trunking F PVC/SWA cables G SWA/XPLE cables H Mineral Insulated O Other

\* SPD Type. Where a combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type boxes.  
† Where a T3 SPD is installed to protect sensitive equipment, enter Details of Circuits, of the Schedule of Test Results. (See Section 534 of BS 7671:2018+A2:2022.)  
‡: See Table 4A2 of Appendix 4 of BS 7671:2018+A2:2022.  
§ Where the maximum permitted earth fault loop impedance value stated in Max Z<sub>s</sub> column is taken from a source other than the tabulated values given in Chapter 41 of BS 7671:2018+A2:2022 state the source of the data in the appropriate cell for the circuit in the change to Schedule of Circuit Details

# Minor Electrical Installation Works Single/Double Circuit Certificate

Requirements for Electrical Installations  
BS 7671:2018+A2:2022 (IET Wiring Regulations 18th Edition)

NA/MEIW/S/DC A222 029031

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### Distribution board details - complete in every case

Location: Garage

Designation: DB1

No. of ways: 12 No. of phases: 1

Supply polarity confirmed  Phase sequence confirmed

Operational status confirmed  Not applicable

### Complete only if the distribution board is not connected directly to the origin of the installation

Associated RCD (if any):  
BS (EN) \_\_\_\_\_

Z<sub>db</sub> \_\_\_\_\_ Ω Operating at I<sub>Δn</sub> \_\_\_\_\_ ms

I<sub>pf</sub> \_\_\_\_\_ kA No. of poles \_\_\_\_\_

Time delay (if applicable) \_\_\_\_\_

### TEST RESULTS

Circuit no. and Line	Circuit impedance Ω				Insulation resistance			Polarity Voltage V	Max. Measured Z <sub>s</sub> (Ω)	RCD testing		Manual test button operation			
	Ring final circuits only				Test Voltage	L/L L/N (MΩ)	L/E N/E (MΩ)			All RCDs I <sub>Δn</sub> ms	Optional ≤ 30 mA 5 I <sub>Δn</sub> ms	RCD (✓)	AFDD (✓)		
	r <sub>1</sub>	r <sub>n</sub>	r <sub>2</sub>	Fig 8 check (✓)											
10	0.96	0.97	1.53	✓	0.79	N/A	200	200	200	✓	1.05	4.6	N/A	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

N/A

Date(s) dead testing: 6/7/23 to 6/7/23

Date(s) live testing: 6/7/23 to 6/7/23

### Test instrument serial number(s)

Multifunction: 227970 E/Electrode: N/A Earth fault loop impedance: N/A Insulation resistance: N/A

Continuity: N/A RCD: N/A

Tested by: Name (capital letters): Phil Moseley Signature:

Position: Q.S. Date: 6/7/23

**4 Declaration:** I, being the person responsible for design, construction, inspection and testing of the electrical installation (as indicated by my signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the design, construction, inspection and test hereby CERTIFY that the design, construction, inspection and test for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671:2018, amended to except for the departures, if any, listed in Section 1. The extent of liability of the signatory or the signatories is limited to work described in Section 1 of this certificate.

Company name: Persau Electrical Signature:

Inspector name: Phil Moseley Position: Q.S.

Address: 19 WESTWAY  
HIGH HEATH, WALSALL NAPIT Membership No. \_\_\_\_\_

Postcode: WS4 1DH Date: 6/7/23

**Next Inspection** I recommend that this installation is further inspected and tested after an interval of not more than \_\_\_\_\_ months/years.

### Schedule of Inspections - Outcomes

Indicates an inspection has been carried out and the result is satisfactory			Indicates the inspection is not applicable to a particular item		
Item No.	Description	Outcome	Item No.	Description	Outcome
1.0	Condition of consumer's intake equipment (Visual inspection only)	✓	8.0	Circuits (Distribution and Final)	✓
2.0	Parallel or switched alternative sources of supply	N/A	9.0	Isolation and switching	N/A
3.0	Protective measure: Automatic Disconnection of Supply (ADS)	✓	10.0	Current-using equipment (permanently connected)	✓
4.0	Basic Protection	✓	11.0	Identification and notices	✓
5.0	Protective measure other than ADS	✓	12.0	Location(s) containing a bath or shower	N/A
6.0	Additional protection	✓	13.0	Other special installations or locations	N/A
7.0	Distribution equipment	✓	14.0	Prosumer's low voltage electrical installation(s)	N/A

Inspector's Name: Phil Moseley Signature:

Date: 6/7/23