



# Fault Diagnosis Report

## PART 1: Job details and fault information

1. Job location/address:
2. Fault information - Description of the type of fault:
3. Fault diagnosis - Description of the process used to diagnose the fault, including the tests and test equipment used:
4. Location of the fault - Description of where the fault was located/traced to:
5. Rectification details - Description of how the fault was fixed, including any materials used:

## PART 2: Installation details

1. System earthing arrangement (circle appropriate): TN-C-S or TN-S or TT
2. Method of fault protection:
3. Protective device for the circuit: BS (EN) number ..... Type ..... Rating ..... A

## PART 3: Verification of rectification test results (applicable to the circuit type)

Protective conductor continuity: (R1 + R2) .....  $\Omega$  or R2 .....  $\Omega$

Continuity of ring final circuit conductors: L/L .....  $\Omega$  - N/N .....  $\Omega$  - cpc/cpc .....  $\Omega$

Insulation resistance: Test voltage ..... V

Live - Live ..... M $\Omega$

Live - Earth ..... M $\Omega$

Earth fault loop impedance: .....  $\Omega$

Polarity satisfactory (circle appropriate): Yes / No

RCD operation (if applicable). Rated residual operating current ( $I_{\Delta n}$ ) ..... mA

Disconnection time at  $I_{\Delta n}$  ..... ms

Satisfactory test button operation ..... (Insert ☒ to indicate operation is satisfactory)

## PART 4: Sign off

I CERTIFY that the said works do not impair the safety of the existing installation, that the said works have been rectified, and inspected and tested in accordance with BS 7671:2018 (IET Wiring Regulations), amended to ..... (date) and that the said works, to the best of my knowledge and belief, at the time of my rectification, complied with BS 7671.

Name: .....

For and on behalf of: .....

Address: .....

.....

.....

Signature: .....

Position: .....

Date: .....