eama
The trade association for energy infrastructure & systems

Requirements for Electrical Installations

BS 7671:2018+A4:2026

#ACCELERATING ELECTRIFICATION

BS 7671 Amendment 4 Overview

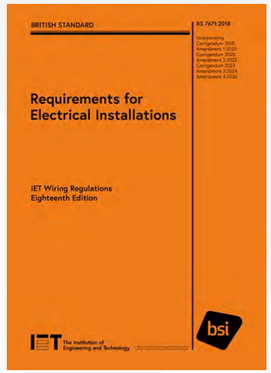
Content

- Timeline for implementation
- Brief overview

BS 7671 Origins

International Standard IEC 60364

CENELEC Harmonized Document HD 60364



BS 7671

UK Joint IET/BSI Technical Committee JPEL/64

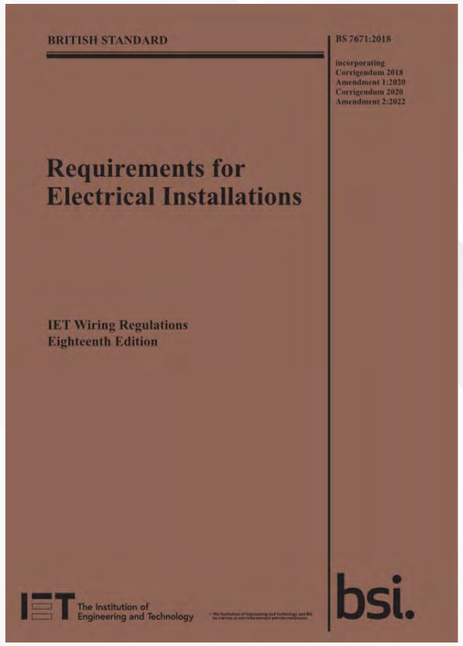
BEAMA
ECA
Certsure
NAPIT
SELECT
GAMBICA
HSE
C&G
ENA
Etc.

BS 7671 Amendment 4

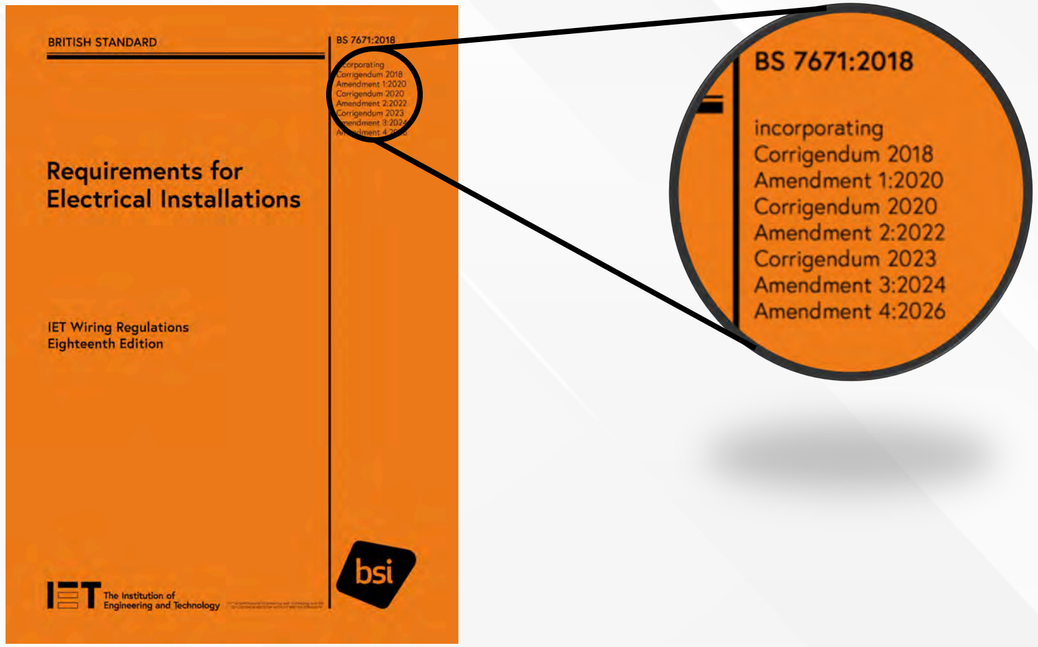
Introduction

BS 7671:2018+A4:2026 Requirements for Electrical Installations was issued on 15th April 2026 and may be implemented immediately.

BS 7671:2018+A2:2022+Corrigendum (May 2023)+A3:2024 remains current but will be withdrawn on the 15th October 2026.



Standard 6-month transition



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Contractor needs

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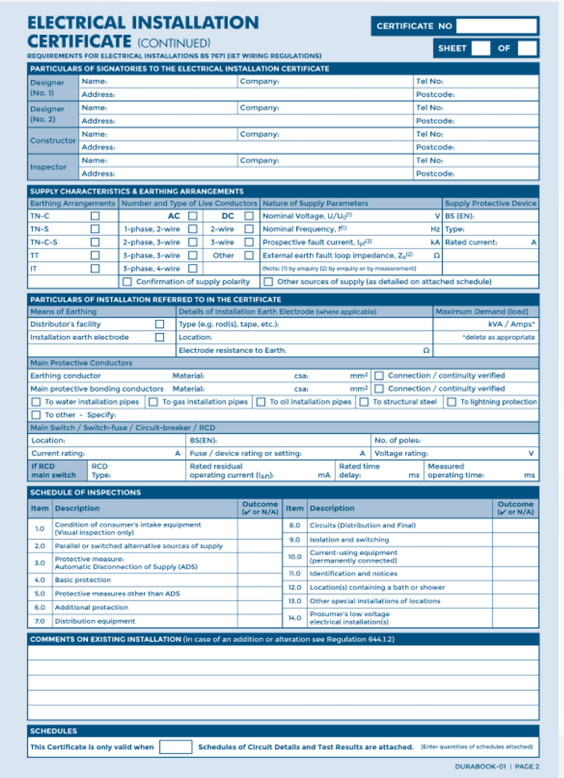
Documents



ELECTRICAL INSTALLATION CERTIFICATE (CONTINUED)

CERTIFICATE NO

SHEET OF

REQUIREMENTS FOR ELECTRICAL INSTALLATIONS BS 7671 (IET WIRING REGULATIONS)

PARTICULARS OF SIGNATORIES TO THE ELECTRICAL INSTALLATION CERTIFICATE

Designer (No. 1)	Name:	Company:	Tel No:
	Address:		Postcode:
Designer (No. 2)	Name:	Company:	Tel No:
	Address:		Postcode:
Constructor	Name:	Company:	Tel No:
	Address:		Postcode:
Inspector	Name:	Company:	Tel No:
	Address:		Postcode:

SUPPLY CHARACTERISTICS & EARTHING ARRANGEMENTS

Earthing Arrangements	Number and Type of Live Conductors	Nature of Supply Parameters	Supply Protective Device
TN-C ☐	AC ☐ DC ☐	Nominal Voltage, U/U_0[1] V	BS (EN):
TN-S ☐	1-phase, 2-wire ☐ 2-wire ☐	Nominal Frequency, f[1] Hz	Type:
TN-C-S ☐	2-phase, 3-wire ☐ 3-wire ☐	Prospective fault current, I_{pf}[2] kA	Rated current: A
TT ☐	3-phase, 3-wire ☐ Other ☐	External earth fault loop impedance, Z_e[2] Ω	
IT ☐	3-phase, 4-wire ☐	(Note: (1) by enquiry (2) by enquiry or by measurement)	
	☐ Confirmation of supply polarity	☐ Other sources of supply (as detailed on attached schedule)	

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

Means of Earthing	Details of Installation Earth Electrode (where applicable)	Maximum Demand (load)
Distributor's facility ☐	Type (e.g. rod(s), tape, etc.):	kVA / Amps*
Installation earth electrode ☐	Location:	*delete as appropriate
	Electrode resistance to Earth: Ω	

Main Protective Conductors

Earthing conductor Material: csa: mm² ☐ Connection / continuity verified

Main protective bonding conductors Material: csa: mm² ☐ Connection / continuity verified

☐ To water installation pipes ☐ To gas installation pipes ☐ To oil installation pipes ☐ To structural steel ☐ To lightning protection ☐ To other - Specify:

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

Location:		BS(EN):		No. of poles:	
Current rating: A		Fuse / device rating or setting: A		Voltage rating: V	
If RCD main switch	RCD Type:	Rated residual operating current ($I_{\Delta n}$): mA	Rated time delay: ms	Measured operating time: ms	

SCHEDULE OF INSPECTIONS

Item	Description	Outcome (✓ or N/A)	Item	Description	Outcome (✓ or N/A)
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		9.0	Isolation and switching	
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 measures other than ADS		12.0	Location(s) containing a bath or shower	
6.0	Additional protection		13.0	Other special installations of locations	
7.0	Distribution equipment		14.0	Prosumer's low voltage electrical installation(s)	

COMMENTS ON EXISTING INSTALLATION (in case of an addition or alteration see Regulation 644.1.2)

SCHEDULES

This Certificate is only valid when ☐ Schedules of Circuit Details and Test Results are attached. (Enter quantities of schedules attached)

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Opportunities

Regulation 110.11

The scope of what the Regulations apply to has been expanded to include:

- Stationary secondary batteries for storage and supply of electrical installations, and
- Power over Ethernet

BS 7671 Amendment 4

Opportunities

AFDDs

Regulation 421.1.7 (a)
Has been changed from higher risk residential buildings, to high rise residential buildings.

This is to avoid confusion with the Building Safety Act 2022 and Supplementary Provisions Regulations 2023 which define Higher-risk Buildings.

No change to where AFDDs shall be used

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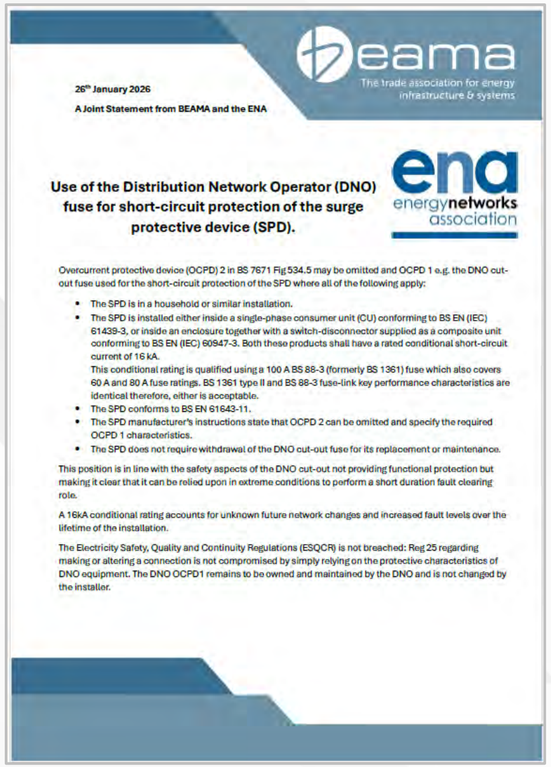
Opportunities

SPDs

OCPD 2- Overcurrent protective device **where** specified by SPD manufacturer



26th January 2026

A Joint Statement from BEAMA and the ENA

Use of the Distribution Network Operator (DNO) fuse for short-circuit protection of the surge protective device (SPD).

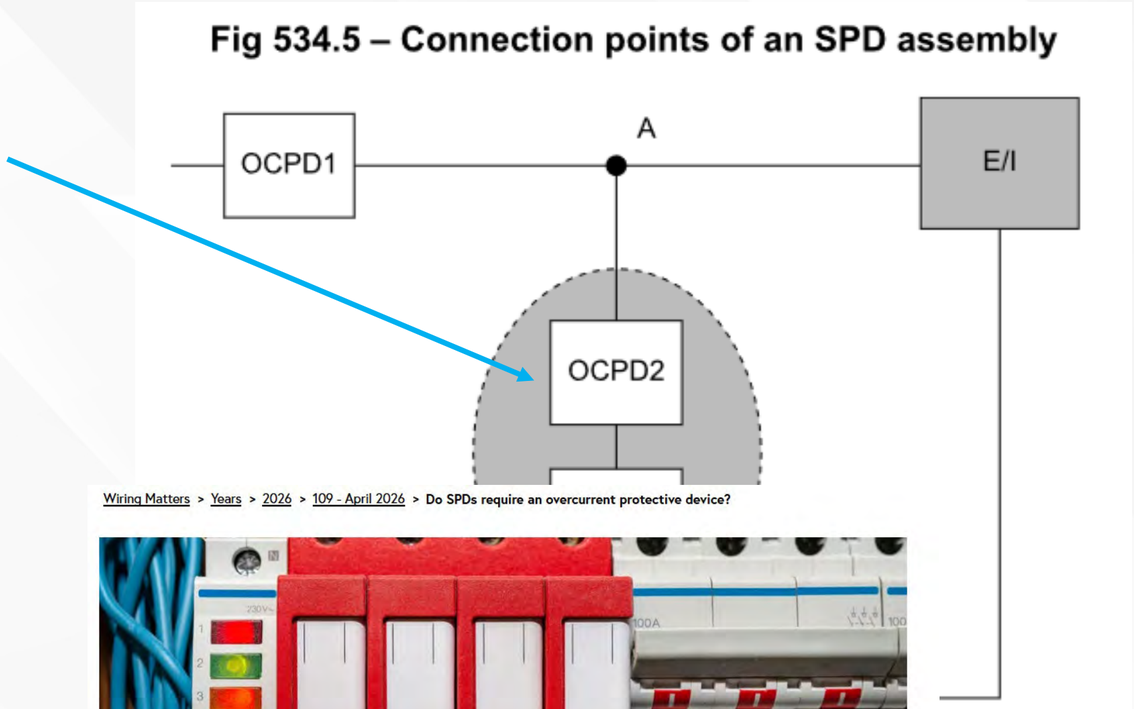
Overcurrent protective device (OCPD) 2 in BS 7671 Fig 534.5 may be omitted and OCPD 1 e.g. the DNO cut-out fuse used for the short-circuit protection of the SPD where all of the following apply:

- The SPD is in a household or similar installation.
- The SPD is installed either inside a single-phase consumer unit (CU) conforming to BS EN (IEC) 61439-3, or inside an enclosure together with a switch-disconnector supplied as a composite unit conforming to BS EN (IEC) 60947-3. Both these products shall have a rated conditional short-circuit current of 16 kA.
  This conditional rating is qualified using a 100 A BS 88-3 (formerly BS 1361) fuse which also covers 60 A and 80 A fuse ratings. BS 1361 type II and BS 88-3 fuse-link key performance characteristics are identical therefore, either is acceptable.
- The SPD conforms to BS EN 61643-11.
- The SPD manufacturer's instructions state that OCPD 2 can be omitted and specify the required OCPD 1 characteristics.
- The SPD does not require withdrawal of the DNO cut-out fuse for its replacement or maintenance.

This position is in line with the safety aspects of the DNO cut-out not providing functional protection but making it clear that it can be relied upon in extreme conditions to perform a short duration fault clearing role.

A 16kA conditional rating accounts for unknown future network changes and increased fault levels over the lifetime of the installation.

The Electricity Safety, Quality and Continuity Regulations (ESQCR) is not breached: Reg 25 regarding making or altering a connection is not compromised by simply relying on the protective characteristics of DNO equipment. The DNO OCPD1 remains to be owned and maintained by the DNO and is not changed by the installer.



Wiring Matters > Years > 2026 > 109 - April 2026 > Do SPDs require an overcurrent protective device?

Do SPDs require an overcurrent protective device?

By: **Michael Peace CEng MIET**

BS 7671 Amendment 4

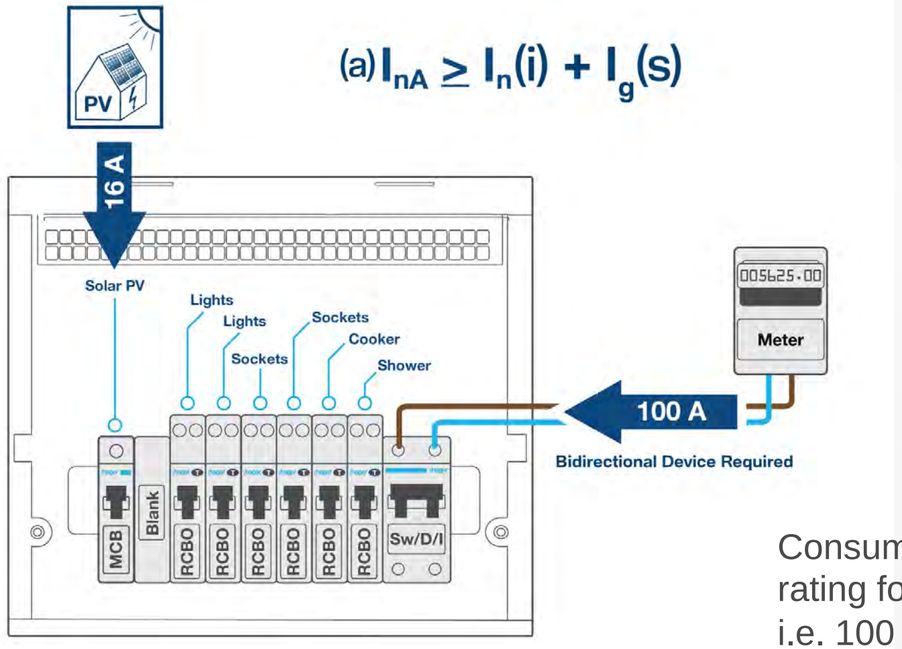
Opportunities

Parallel Generators (Solar, Batteries)

Regulation 551.7.2.2 sets out the requirements for the low voltage switchgear and controlgear assembly when a generating set is used as an additional source of supply in parallel with another source and the generating set is connected via LV switchgear.

There are now four options:

(a) $I_{nA} \geq I_{n(i)} + I_{g(s)}$
(b) $I_{nA} \geq I_{n(ii)}$
(c) $I_{nA} \geq I_{CLS(max)}$
(d) $I_{nA} \geq I_{TCL}$



Consumer unit needs to have current rating for both supplies:
i.e. 100 + 16 = 116 A

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Opportunities

New Chapter 57 Batteries

Regulation 570.6.7.203 requires Stationary secondary batteries in dwellings shall be installed in a suitable location taking account of Manufacturers instructions and **PAS 63100**

Need Type B RCD unless:-
(a) the PCE provides at least simple separation between the AC side and the DC side; or
(b) at least simple separation is provided between the PCE and the RCD by means of separate windings of a Transformer; or
(c) the PCE does not require a Type B RCD as stated by the manufacturer of the PCE.

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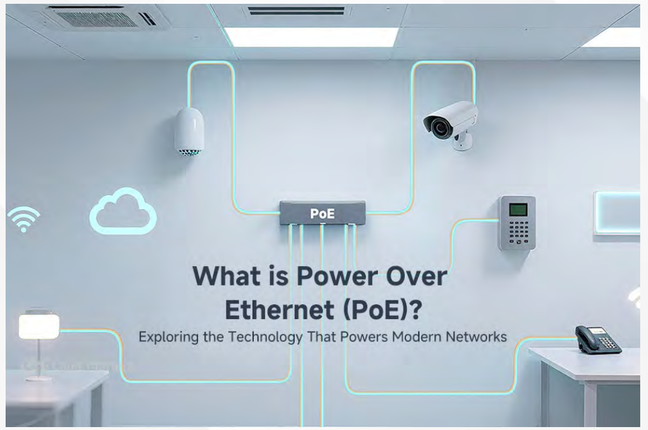
Opportunities

716 New section on Power Over Ethernet



This deals with requirements for the distribution of ELV DC power using balanced, information technology cables and accessories primarily designed for data transmission.

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Opportunities

722 Electric vehicles

Regulation 722.421.1.7.201 clarifies that AFDDs are not required for circuits supplying EV charging equipment conforming to BS EN 61851 series that incorporate socket-outlets or vehicle connectors conforming to BS EN IEC 62196-2.

Residual direct current protective devices (RDC-PD) conforming to BS IEC 62955 are listed as an alternative device to using an RCD for automatic disconnection of supply.

In addition to the specific requirements of BS IEC 62955, the RDC-PD must conform to all the requirements and tests of the following product standards:

- RDC-PD integrated with an RCCB – BS EN 61008-1
- RDC-PD integrated with an RCBO – BS EN 61009-1

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Thank You

Questions?

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