BS 7671: 2018 + A2: 2022

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Language matters

Verbal forms used in BS 7671

Implication	Verbal form	Typical context
Requirement	Shall	Normative
Recommendation	Should	
Permission	May	
Possibility and capability	Can	Informative
Possibility	Might	
Description	ls	

Definitions matter – Part

2

Terms used within a standard mean what the standard says they mean.

Examples:

- Accessory
- Earthing
- Escape route
- Protected escape route
- Wiring system

Protection for safety – Part 4

Protection for safety – Chapter 41

• 411.3.3 – Additional requirements for socketoutlets and for the supply of mobile equipment for use outdoors.

Protection against thermal effects – Chapter 42

- 421.1.7 AFDDs
- 422 Precautions where a particular risks of fire exist

Protection against overvoltage – Chapter 44

• 443.4 – Overvoltage control

Selection and erection of equipment – Part 5

Common rules – Chapter 51

- 512.1.5 Compatibility
- 514 Warning notices differences between domestic premises and others

Selection and erection of wiring systems – Chapter 52

 Table 52.3 – Minimum cross-sectional area of conductors Selection and erection of equipment – Part 5 Protection, Isolation, Switching, Control and Monitoring – Chapter 53

- 531.3.2 Unwanted tripping
- 531.3.3 Types of RCD

Selection and erection of equipment – Part 5 Earthing arrangements and protective conductors – Chapter 54

- 543.7 Equipment having high protective conductor currents
- 544.1.1 Main protective bonding conductors

Inspection and testing – Part 6

Initial verification – Chapter 64

- 643.3.3 Insulation resistance
- 643.7/643.8 Testing of RCDs

Special locations – Part 7

Section 704 – Construction and demolition site installations

Section 706 – Conducting locations with restricted movement

Section 710 – Medical locations

Section 711 – Exhibition shows and stands

Section 712 – Solar photovoltaic (PV) power supply systems

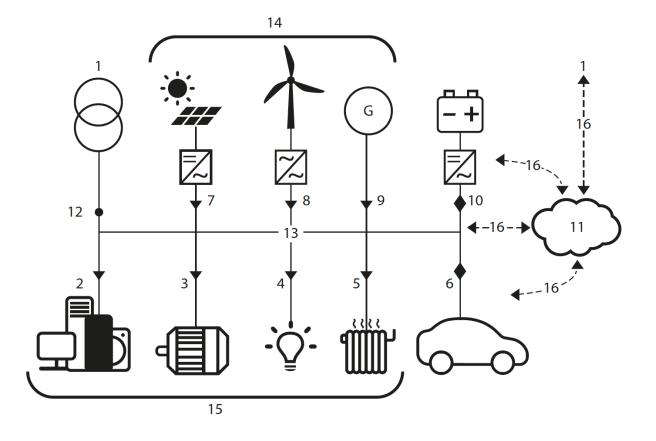
Section 714 – Outdoor lighting installations

Section 722 – Electric vehicle charging installations

Fig 82.1 – Example of a PEI

Functional requirements – Part 8

Prosumer's low voltage electrical installations – Chapter 82



Key

- 1 Public network
- 2 Home appliances and electronic devices
- 3 Motors
- 4 Lighting
- 5 Heaters
- 6 Electric vehicles
- 7 Solar inverter
- 8 Wind inverter

- 9 Other generators
- 10 Electric storage
- 11 EEMS
- 12 Origin of installation
- 13 Local distribution
- 14 Local generation
- 15 Local consumption
- 16 Management signals

Appendices



Appendix 6 – Model forms for certification and reporting

Appendix 7 – Deleted

Appendix 11 – Warning and user instruction labels



Appendix 13 – Escape routes and fire protection



Appendix 17 – Energy efficiency