

# Wiring regulations compliance

Detailed below is a summary table explaining how our range of electrical label printers and supplies help ensure compliance with the identification requirements of IET Wiring Regulations (18th Edition).

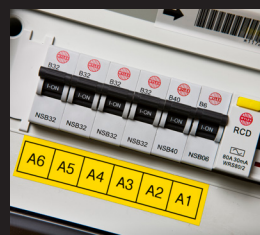
Regulation	Summary	PT-E100VP	PT-E300VP	PT-E550WVP	Tape recommended
514.1.1 General - ID and Notices	Identification of purpose of switch gear and control gear and warning notices where appropriate	Some	Most	✓	Black on White 12/18/24mm Black on Yellow 12/18/24mm
514.5.1 ID of conductors by lettering and/or numbering	Legible and durable identification of conductors in letters and Arabic numbers. Underlining '6' and '9' where unattached to avoid confusion.	✓	✓	✓	Black on White 9/12mm
514.8.1 ID of a protective device	Clear identification of protective devices	✗	✓	✓	Black on White 18/24mm
514.10.1 Voltage warning	Warning notice where terminals/fixed live parts exceed 230v (where voltage would not normally be expected)	✗	✗	✓	Black on Yellow 24mm
514.11.1 Isolation	Identification of live parts not capable of being isolated by a single device	✗	✗	✓	Black on Yellow 18/24mm
514.12.1 Periodic inspection	Details of inspection and recommended re-inspection date	✗	✗	✓	Black on White 24mm*
514.12.2 RCD	Identification of one or more RCDs	✗	✗	✓	Black on White 24mm*



514.1.1



514.5.1



514.8.1



514.10.1



514.11.1

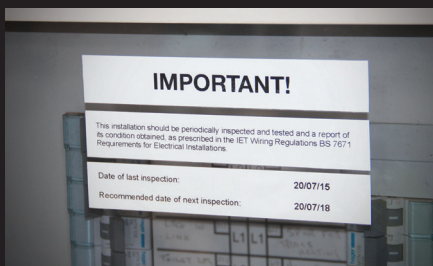
The PT-E550WVP supports our Mobile Cable Label app for Apple and Android mobile devices. With its wide range of templates, you can quickly and conveniently design compliant labels on your smartphone or tablet.

The wiring regulation content and images shown are for illustrative purposes only. It is recommended that electricians always follow the detailed requirements within BS 7671 and the IET On-site Guide (section 6).\*



\*Label must be printed with the PT-E550 via a template on Brother Mobile Cable Label Tool app (3 labels separate labels required)

Regulation	Summary	PT-E100VP	PT-E300VP	PT-E550WVP	Tape recommended
514.13.1 Earthing and bonding	Notices near to: <ul style="list-style-type: none"> <li>The connection of an earthing conductor to an installation earth electrode</li> <li>The connection of a protective bonding conductor to an extraneous-conductive-part</li> <li>The main earthing terminal, where it is separate from the main switchgear</li> </ul>	✗	✓	✓	Black on Yellow 24mm*
514.13.2 Warning notice	Where regulation 418.2.5 or 418.3 applies, the warning notice specified shall be durably marked.	✗	✗	✓	Black on Yellow 18/24mm
514.14.1 Non-standard colours	Warning notice where non-standard wiring colours are present	✗	✓	✓	Black on Yellow 18/24mm
514.15.1 Alternative supplies	Warning notices at: <ul style="list-style-type: none"> <li>The origin of installation</li> <li>The meter position (if remote from the origin)</li> <li>The consumer unit or distribution board to which the generating set is connected</li> <li>All points of isolation of both sources of supply</li> </ul>	✗	✓	✓	Black on Yellow 18/24mm
514.16 High protective conductor currents	Warning on distribution board indicating those circuits having a high protective conductor current (positioned to be visible to the person modifying or extending the circuit.)	✗	✓	✓	Black on Yellow 18/24mm
Portable Appliance Test PAT labels	Examination of electrical appliances and equipment to ensure safe use.	✗	✗	✓	Black on White 24mm*
712.537.2.2.5.1 Warning notice (photovoltaic systems)	All junction boxes (PV generator and PV array boxes) shall carry a warning label indicating that parts inside the boxes may still be live after isolation from the PV convertor.	✗	✗	✓	Black on White 24mm*



514.12.1



514.13.1



514.14.1



514.15.1



514.16



PAT labels

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