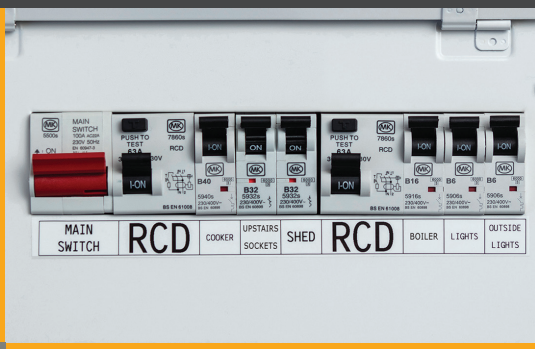
brother
at your side

The Pro Tape range



Strong adhesive



Flexible ID



Self-laminating



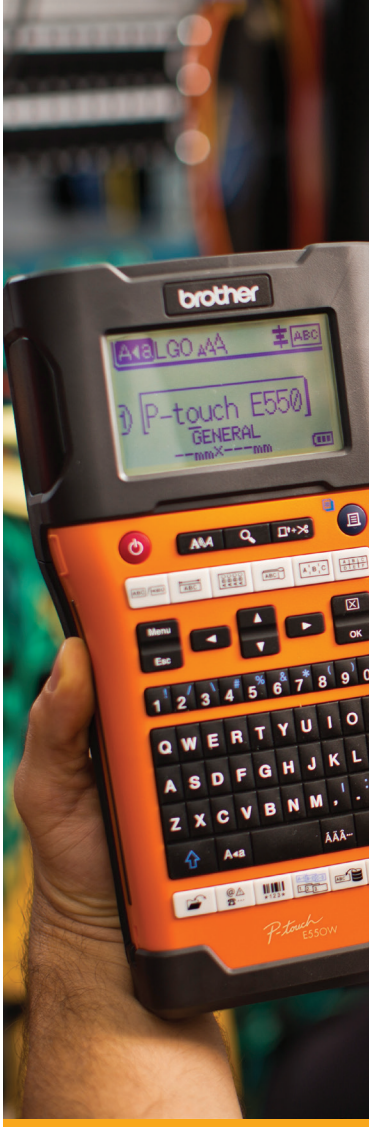
Heat shrink tube



Durable labels built for trade professionals

MARK OF A SMART PROFESSIONAL

Leave the mark of a smart professional



When it comes to wiring regulations, don't leave it to chance, leave it to a Brother electrical label printer.

You'll be able to produce clear and durable labels instantly on-site, helping you to achieve a professional and compliant finish.

And when you choose a Brother electrical label printer, you choose the best. With super-fast printing, efficient cutting, wireless connectivity* plus industry symbols and templates at your fingertips, you're guaranteed to be more productive on-site.

Our market-leading machines are built to last and create labels to match. So your safety warnings, guidance notices and identification labels will stick around wherever you apply them.

*PT-E550W only.

Wiring regulations compliance

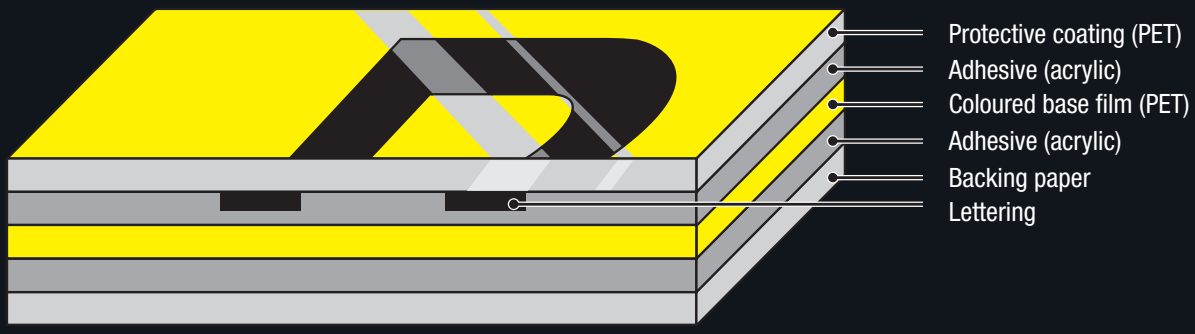
Every professional knows how important it is to work to the current wiring regulations. The table below shows how our products can help you meet each of the specific labelling requirements, helping you stay compliant and keeping your work safe.

Regulation	Summary	PT-E110VP	PT-E300VP	PT-E550WVP	Tape recommended
514.1.1 **General - ID and notices**	Identification of purpose of switch gear, 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*
514.13.1 **Earthing and bonding**	Notices near to: • The connection of an earthing conductor to an installation earth electrode • The connection of a protective bonding conductor to an extraneous-conductive-part • The main earthing terminal, where it is separate from the main switchgear	✖	✔	✔	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: • The origin of installation • The meter position (if remote from the origin) • The consumer unit or distribution board to which the generating set is connected • All points of isolation of both sources of supply	✖	✔	✔	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
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 yellow 18/24mm
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).					
Portable Appliance Test **PAT labels**	Examination of electrical appliances and equipment to ensure safe use	✖	✖	✔	Black on white 24mm

*Label must be printed with the PT-E550W via a template on Brother Mobile Cable Label Tool app (3 separate labels required)

Tapes that are tested to the extreme

Brother P-touch laminated labels have been built to last, wherever you use them. With excellent resistance to water, abrasion, chemicals, fading and temperature extremes, they'll never let you down. Meaning when you label something on-site, it stays labelled.



Laminated | Temperature Resistant | Water Resistant | Fade Resistant | Abrasion Resistant | Chemical Resistant | Strong Adhesion

P-touch LABELS TESTED TO THE EXTREME

Our laminated tape technology

Laminated TZe tapes consist of six layers of materials, resulting in a thin, extremely strong label. Characters are formed with a thermal transfer ink and sandwiched between two protective layers of PET (polyethylene film). The result is a virtually indestructible label that can withstand even the toughest conditions.

Full testing information at www.brother.co.uk/supplies/tapes-and-labels

Recommended tape for electrical applications

S Strong adhesive FX Flexible ID HSe Heat shrink tube



General warning signs and notices

Black on yellow 24mm **S**

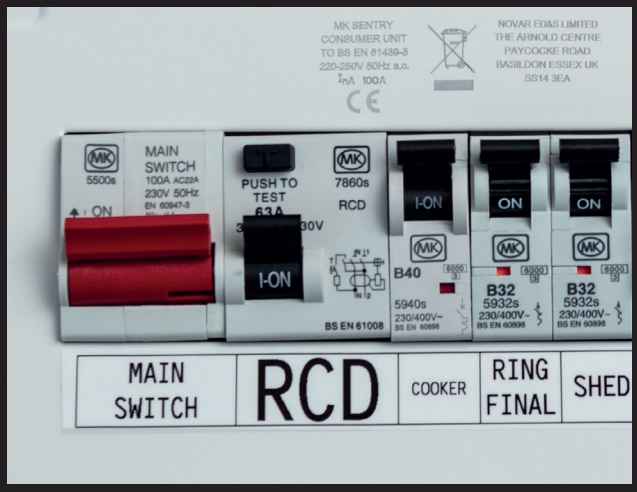
TZe-S651



Cables and cabling

Black on white 9/12mm **FX** **HSe**

TZe-FX221/TZe-FX231
HSe-221/HSe-231



Distribution boards and consumer units

Black on white 18mm **S**

TZe-S241

Black on yellow 18mm **S**

TZe-S641

Recommended tape for electrical applications

S Strong adhesive **FX** Flexible ID **HSe** Heat shrink tube



Control gear and Switch gear

Black on white 12mm **S**

TZe-S231

Black on yellow 12mm **S**

TZe-S631



Electrical sockets

Black on white 9/12mm **S**

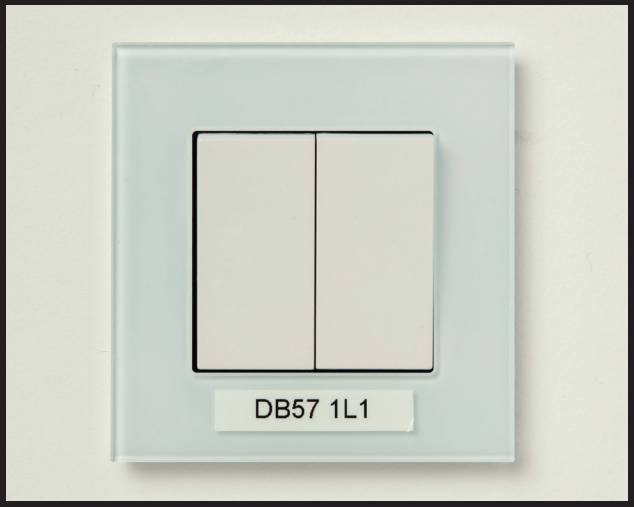
TZe-S221/TZe-S231

For chrome plates

Black on clear 9/12mm **S**

TZe-S121/TZe-S131





Lighting

Black on white 9/12mm **S**

TZe-S221/TZe-S231

For chrome plates

Black on clear 9/12mm **S**

TZe-S121/TZe-S131



Recommended tape for electrical applications

S Strong adhesive FX Flexible ID HSe Heat shrink tube



Electrical trunking/conduits

Black on white 24mm S

TZe-S251

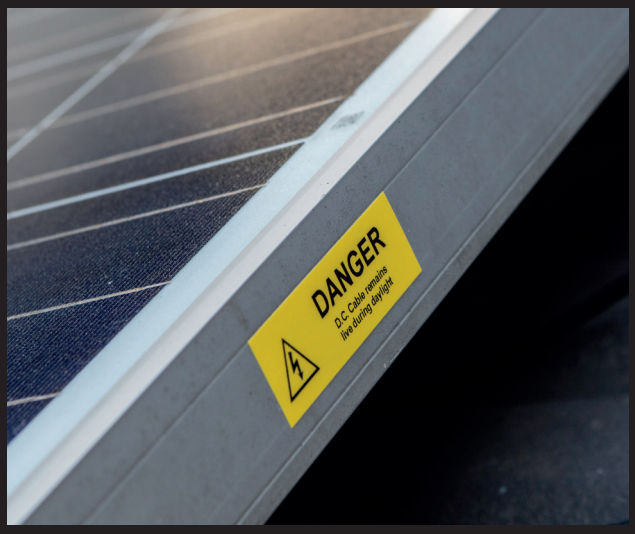
Black on yellow 24mm S

TZe-S651



Electrical conduit
is the durable tubing used in wiring installations in homes and offices to protect and route electrical cables, keeping them organised and secure.

Cable trunking
is used to protect cables from damage and to hide unsightly cables from view. It can be used in almost any location including homes, hotels and hospitals.



Solar panels

Black on white 24mm S

TZe-S251

Black on yellow 24mm S

TZe-S651

Recommended tape for electrical applications

S Strong adhesive **FX** Flexible ID **HSe** Heat shrink tube



Contact details for repair and maintenance

Black on white 24mm **S**

TZe-S251

Martin Braun
07549 28230
www.ges-elec.eu



PAT testing

Black on white 24mm **S**

TZe-S251



Electrical car charging points

Black on white 24mm **S**

TZe-S251

Black on yellow 24mm **S**

TZe-S651

Recommended tape for electrical applications

Application	Tape colour / width	Tape type	Code	PT-E110VP	PT-E300VP	PT-E550WVP
General warning - signs and notices	Black on Yellow 24mm	S	TZe-S651			✔
Cables and cabling	Black on white 9/12mm	FX	TZe-S221 TZe-S231	✔	✔	✔
	Black on white 8.8/11.7mm	HSe	HSe-221 HSe-231		✔	✔
Distribution boards and consumer units	Black on white 18mm	S	TZe-S241		✔	✔
	Black on yellow 18mm		TZe-S641		✔	✔
Control gear and switch gear	Black on white 12mm	S	TZe-S231	✔	✔	✔
	Black on yellow 12mm		TZe-S631	✔	✔	✔
Lighting	Black on white 9/12mm	S	TZe-S221 TZe-S231	✔	✔	✔
	Black on clear 9/12mm		TZe-S121 TZe-S131	✔	✔	✔
Electrical sockets	Black on white 9/12mm	S	TZe-S221 TZe-S231	✔	✔	✔
	Black on clear 9/12mm		TZe-S121 TZe-S131	✔	✔	✔
Electrical trunking/ conduits	Black on white 24mm	S	TZe-S251			✔
	Black on yellow 24mm		TZe-S651			✔
Solar panels	Black on white 24mm	S	TZe-S251			✔
	Black on yellow 24mm		TZe-S651			✔
PAT testing	Black on white 24mm	S	TZe-S251			✔
Contact details	Black on white 24mm	S	TZe-S251			✔
Electric car charging points	Black on white 24mm	S	TZe-S251			✔
	Black on yellow 24mm		TZe-S651			✔

S **Strong adhesive**
Ideal for the most demanding environments, with 50% more strength to stay put.

FX **Flexible ID**
Specially formulated to wrap securely around wires and cables.

HSe **Heat shrink tube**
For robust and long lasting cable identification.

Choose the right tape for the job

	Wire and cable identification				General identification		
Surface	**Flexible ID**	**Self-laminating***	**Heat shrink tube**	**Flag**	**Strong adhesive**	**Security**	**Stencil**
Smooth surfaces	✔				✔	✔	✔
Textured surfaces	●				✔	●	
Cable wrap	✔	✔	✔				
Cable flag	✔			✔			

✔ Recommended ● Acceptable

Heat shrink tube	Tape	Width	Recommended cable diameters
	HSe-211	6.8mm	Ø1.7mm to 3.2mm
	HSe-221	8.8mm	Ø2.6mm to 5.1mm
	HSe-231	11.7mm	Ø3.6mm to 7.0mm
	HSe-241	17.7mm	Ø5.4mm to 10.6mm
	HSe-251	23.6mm	Ø7.3mm to 14.3mm

P-touch label printer compatibility

		Tape type						
Model	**Max tape width**	**Strong adhesive**	**Flexible ID**	**Security**	**Heat shrink tube**	**Self-laminating***	**Flag**	**Stencil**
PT-E110	12mm	✔	✔					
PT-E300	18mm	✔	✔	✔	✔			
PT-E550W	24mm	✔	✔	✔	✔	✔		
PT-D800W	36mm	✔	✔	✔	✔	✔	✔	✔
PT-P900W PT-P950NW	36mm	✔	✔	✔	✔	✔	✔	✔

*Feature available on PT-E550W, PT-P900W, PT-P950NW and PT-D800W. Firmware update is required. Download at https://support.brother.com/

Pro Tape widths and colours

TZe Strong adhesive laminated - 8m	6mm	9mm	12mm	18mm	24mm	36mm
Black on white	TZe-S211	TZe-S221	TZe-S231	TZe-S241	TZe-S251	TZe-S261
Black on transparent		TZe-S121	TZe-S131	TZe-S141	TZe-S151	
Black on yellow		TZe-S621	TZe-S631	TZe-S641	TZe-S651	

TZe Flexible ID laminated - 8m						
Black on white	TZe-FX211	TZe-FX221	TZe-FX231	TZe-FX241	TZe-FX251	TZe-FX261
Black on yellow	TZe-FX611	TZe-FX621	TZe-FX631	TZe-FX641	TZe-FX651	TZe-FX661

TZe Sel-laminating - 8m						
Black on white					TZe-SL251	TZe-SL261
Black on yellow					TZe-SL651	TZe-SL661

TZe Security laminated - 8m						
Black on white				TZe-SE4	TZe-SE5	

STe Stencil - 3m						
Black on white				STe-141	STe-151	STe-161

FLe Flag (die-cut) - 72 labels						
Black on white					FLe-2511*	
Black on yellow					FLe-6511*	
Black on green					FLe-7511*	

HSe Heat shrink tube - 1.5m	5.8mm	8.8mm	11.7mm	17.7mm	23.6mm	
Black on white	HSe-211	HSe-221	HSe-231	HSe-241	HSe-251	

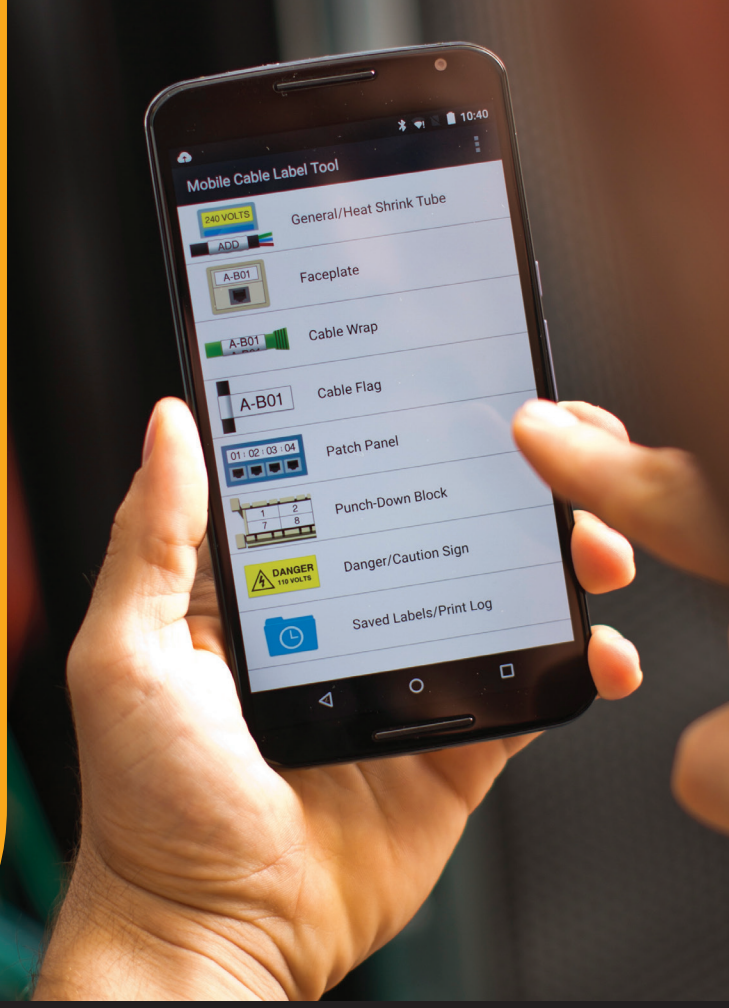
* Labels are: 45mm x 21mm when printed. 45mm x 10.5mm once applied.

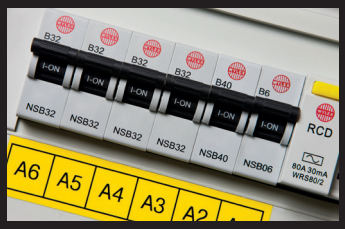


Mobile Cable Label Tool app

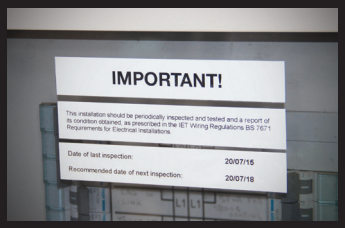
The PT-E550W supports our free Mobile Cable Label Tool app for Apple and Android mobile devices.

With its wide range of templates, such as danger and caution signs, you can quickly and conveniently design compliant labels on your smartphone or tablet to print on the PT-E550W. All you need to do is download the application and then search for your supported device. The following pages detail some of the 200 label templates that are available on the Mobile Cable Label Tool app including pre-populated Wiring Regulation labels.

















Cable flag



20mm_-_AWG8_(Dia_6mm)_-_CAT5_6



30mm_-_AWG14+_(Dia_3mm)

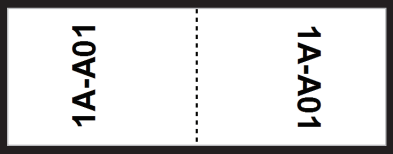


20mm_-_AWG14+_(Dia_3mm)

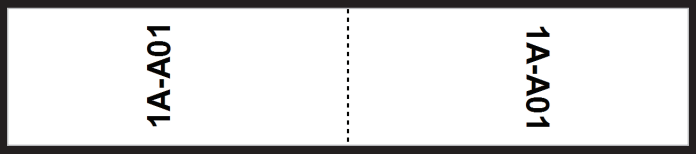


40mm_-_AWG14+_(Dia_3mm)

TZe-FX231 12 mm



20mm_Rotated_-_AWG14+_(Dia_3mm)

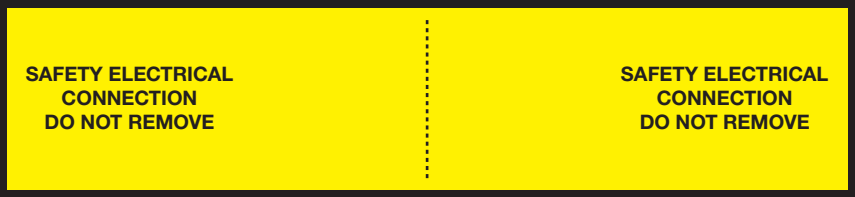


40mm_Rotated_-_AWG14+_(Dia_3mm)

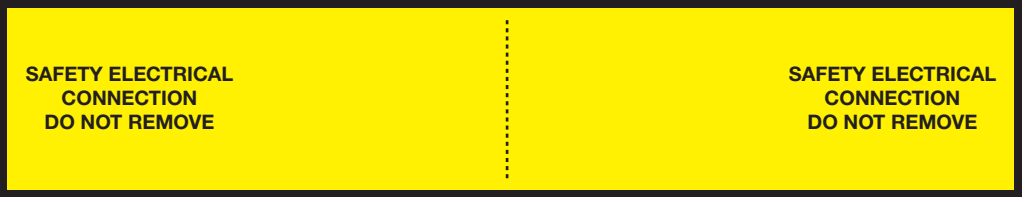


30mm_Rotated_-_AWG14+_(Dia_3mm)

TZe-FX241 18 mm



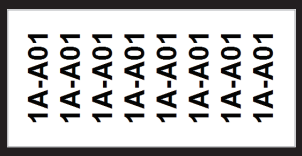
Safety_Electrical_Cable_Flag_15mm



Safety_Electrical_Cable_Flag_22mm

TZe-FX651 24 mm

Cable wrap



AWG2_(Dia_10mm)

TZe-FX241 18 mm



AWG12_(Dia_4mm)



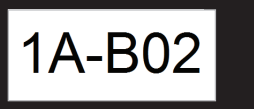
AWG14+_(Dia_3mm)

TZe-FX231 12 mm

Heat shrink tube



HSe-241 17.7 mm



HSe-231 11.7 mm



Warning signs



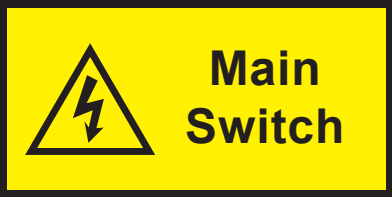
24x50_Fire_Alarm_Supply



24x50_WARNING_Live_Connection



24x50_WARNING_Earth_Do_Not_Remove



24x50_Main_Switch



24x80_WARNING_Device_Cannot_Be_Isolated_Here



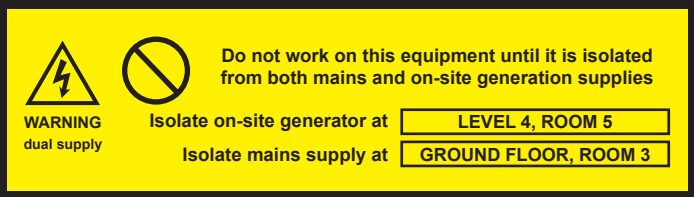
24x50_WARNING_Electrical_ Connection



24x80_WARNING_No_Provision_For_Earthing_Metal_Equip



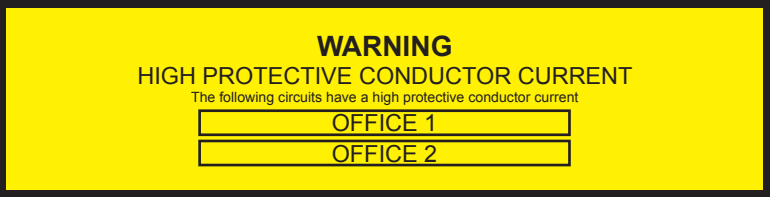
24x50_WARNING_Isolate_Elsewhere



24x90_WARNING_Isolation_More_Than_1_Device



24x50_WARNING_More_Than_One_ Supply



24x100_WARNING_High_Protective_Conductor_Currents_Version_2



24x55_Safety_Electrical_Connection



24x160 WARNING Multiple Supplies Isolate Label 1

TZe-S651 24 mm

Danger signs



24x50_DANGER_110_VOLTS



24x50_DANGER_230_VOLTS



24x50_DANGER_400_VOLTS



24x50_DANGER_Different Voltages_Exist



24x50_DANGER_Live_Busbars



24x50_DANGER_Electrocution_Risk



24x50_DANGER_High_Voltage



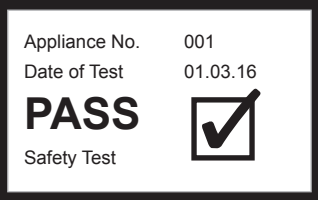
24x50_DANGER_Isolate_Before_ Opening



24x55_DANGER_400V_Between

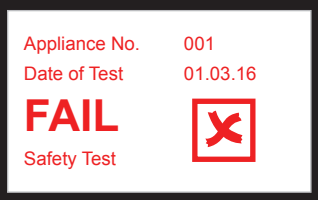
TZe-S651 24 mm

Testing / inspection



24x40_PAT_Test_Pass

TZe-S251 24 mm



24x40_PAT_Test_Fail

TZe-252 24 mm



24x90_Installed_Or_Tested_By

TZe-S251 24 mm

This installation, or part of it, is protected by a device which automatically switches off the supply if an earth fault develops. Test six-monthly by pressing the button marked “T” or “Test”.

24x160 IMPORTANT Test Six Monthly Label 1

TZe-S251 24 mm

Distribution panels

1A-A01	1A-A02	1A-A03	1A-A04	1A-A05	1A-A06

6_Port_(15.5mm)_w_Lines

4 - 24 port templates available in the App (with and without border)

TZe-S221 9 mm

RCD	Lights up	Lights Down

4_Wide_Consumer_Unit_RCD_Left_Label

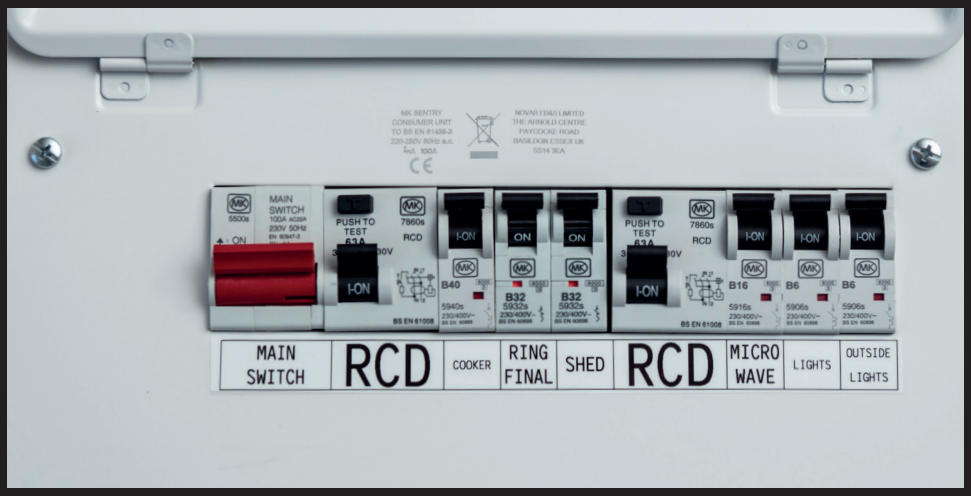
4 - 15 way templates available in the App

Lights up	Lights down	Cooker	Garage	Spare	RCD

7_Wide_Consumer_Unit_RCD_Right_Label

PROTEUS Consumer Unit templates available in the App

TZe-S241 18 mm



MAIN SWITCH
1 01
2 02
3 03
4 04
5 05
6 06
7 07
8 08
9 09
10 10

10_Wide_Consumer_Unit

TZe-S241 18 mm

Circuit breaker

KITCHEN	TOILET	ROOM 1	ROOM 2	ROOM 3	ROOM 4

6_Circuit_Breaker_(12.2mm)_Vert

TZe-S251 24 mm

Faceplate



Single_Plate_(1.65in)_Insert



Single_Plate_(1.80in)_Insert



2_Port_(2.00in)_Plate_Vert



3_Port_(2.50in)_Plate_Vert

TZe-S221 9 mm