

SAFETY SWITCH INSPECTIONS – Information and Safety Switch Inspection checklist

NSW Switch Thinking Campaign

Campaign Details:

Master Electricians Australia has embarked on a campaign to increase public awareness of the importance of safety switches.

The campaign raises awareness of the fact that many Australian homes do not have safety switches fitted, and very few homes have them on all circuits. To be completely protected it is recommended safety switches be fitted on ALL circuits.

Independent research, commissioned by Master Electricians Australia, indicates 80 per cent of home owners believe they are well protected by safety switches, when in fact only 60 per cent are partially protected with the remaining 40 per cent having not protection at all.

The Switch Thinking campaign encourages home owners to take action and book a safety switch inspection with an Accredited Master Electrician.

In addition to the over arching Switch Thinking campaign, from time to time Master Electricians Australia will run targeted marketing and sales promotions to support campaign activities. Members will have access to sales promotions and marketing material to directly support the campaign and to help drive business through participation in these promotional activities.

Details on specific sales promotions and marketing activities will be communicated via the Master Electrician Website and E-Alert Communications.



General Guidelines:

Participation in the campaign and associated sales promotions:

- Access to job leads generated through the over arching Switch Thinking Campaign will be available to members who have reached Master Electricians Accreditation Status and will follow our standard Job Find Portal process.
- Access to participation in Switch Thinking sales promotions and marketing material will also be available to members who have reached Master Electricians Accreditation Status.

Customer expectations:

- The Switch Thinking campaign encourages home owners to take action and book a safety switch inspection with an Accredited Master Electrician.
- Master Electricians Australia has not advertised, nor will we mandate a set fee for Safety Switch Inspections.
- At your first point of contact with the customer you will need to clearly outline the steps involved in a Safety Switch Inspection and the associated costs.
- Ensure that you clarify that the Safety Switch Inspection cost does not include the supply and installation of safety switches and that this will be a separate and/or additional cost.
- Ensure that you take the time to educate the customer on the importance of safety switches on all circuits.
- Ensure you consult with the home owner before undertaking any rectification or installation work.

Payment terms:

Master Electricians Australia is not involved in any financial transactions between the Accredited Master Electrician and the home owner with respect to the Switch Thinking Campaign and safety switch inspections. The home owner is expected to pay the Accredited Master Electrician undertaking the safety switch inspection directly.

Health and safety:

Ensure that all appropriate risk assessments and safety work method statements are in place prior to commencement of work.

Technical assistance contact details:

Master Electricians Australia technical hotline: 1300 889 198

Email: technical@masterelectricians.com.au

Safety Switch Testing:

Refer to AS/NZS3760:2010 clause 2.3.3.4 – Test of operation of RCD's

Maximum Tripping Times:

RCD Type	Test Current a.c. mA	Maximum tripping time ms
Type I	10	40
Type II	30	300

Tripping time accuracy:

Tripping time	Accuracy
40ms	±2ms
300ms	±8ms

Safety Switch Inspection Checklist:

The following Checklist has been prepared as a guide to assist you in undertaking a Safety Switch Inspection. You may choose to use the check list as provided, modify the checklist to suit your specific business needs or you can choose not to use the check list at all.

Safety Switch Inspection Checklist:

CUSTOMER/PROPERTY DETAILS					
Supply authority:					
House address:					
Name:					
Contact:					
Premises:	<input type="checkbox"/> Owned <input type="checkbox"/> Tenanted <input type="checkbox"/> Vacant				
ELECTRICAL INSPECTION DETAILS					
Electrical contractor:			Contractor licence number:		
Electrical worker performing inspection (1)			Electrical licence number:		
Electrical worker performing inspection (2)			Electrical licence number:		
Completion date	____ / ____ / ____		Duration (hours)		
SAFETY SWITCH INSPECTION DETAILS					
Safety Switches Installed on all circuits?	<input type="checkbox"/> Yes <input type="checkbox"/> No				
Number Safety Switches Installed _____			Number Safety Switches Required _____		
Circuit	Safety Switch Y/N	Brand/Type	Rating	Recorded Test Time	Within Specification Y/N



COMMENTS/CONCERNS/RECOMMENDATIONS

Safety Switches should be installed on all circuits for maximum protection.

Push button test of all safety switches should be carried out by the home owner every six months.

Safety Switch Inspections should be carried out by a licensed electrical contractor every 2 years.

