



Cat D5101

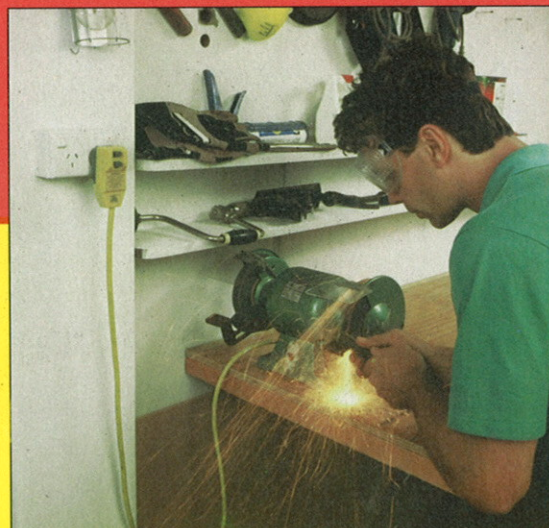


Portable, heavy duty, Safety Switch

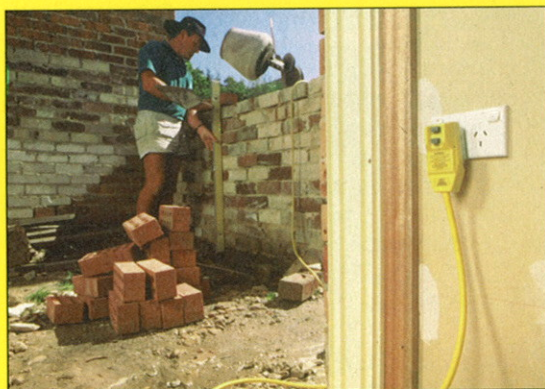
Protection from Electrocution



Cutting tools are capable of cutting their own electrical leads. Provide the tool with permanent protection.



Tradesmen can't always be sure that the power supply on various sites is electrically protected. Plug in and be sure.



Electric cement mixers and water spilled surrounds are sometimes an accident waiting to happen. Be protected.

**Portable
Safety
Switch's
fast cut-out
makes the
risk of
electrocution
negligible.**

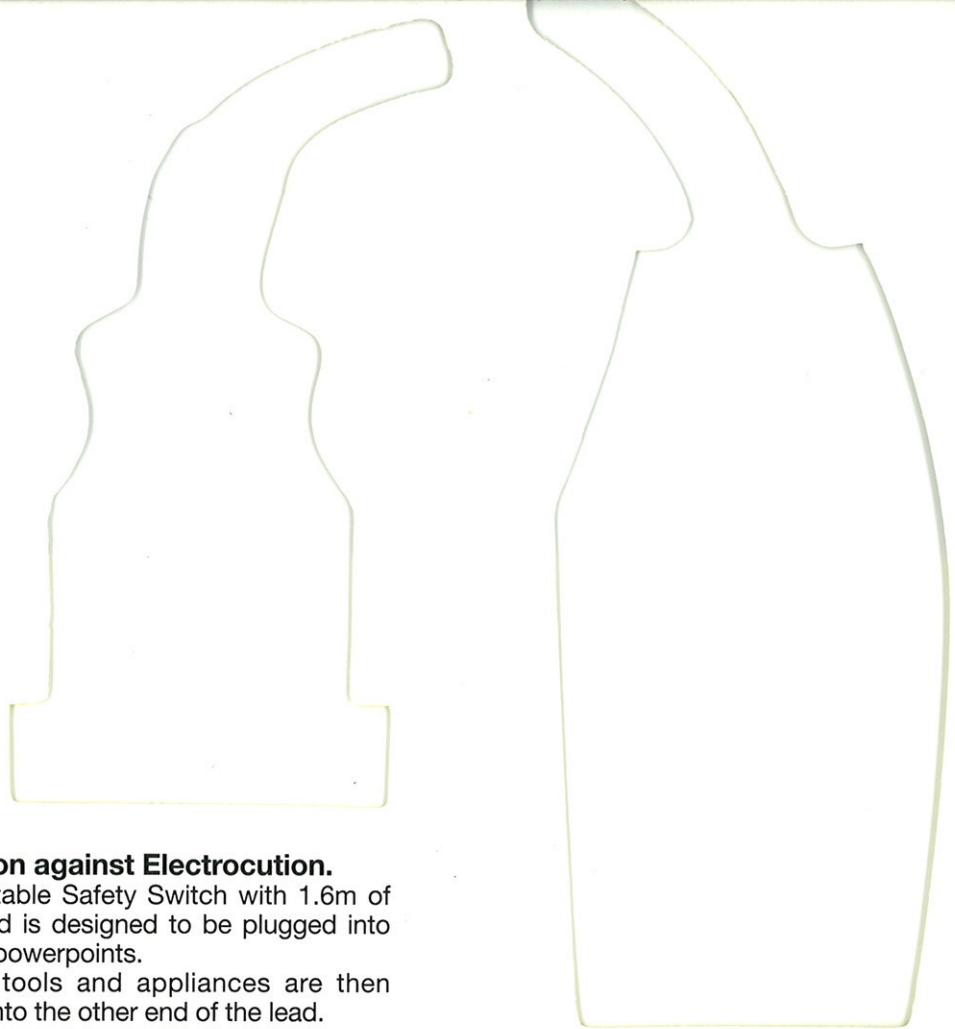
This portable Safety Switch is ideal for use in indoor and outdoor locations. Its heavy duty construction makes it ideal for building sites or around the house, patio areas, workshops, garages, gardens or any other place where an extension cord would normally be used.

SPECIAL SAFETY FEATURE!

If either the active or neutral wires leading to this unit is disconnected or broken, the Safety Switch will not switch on, preventing a potentially dangerous situation.

**The
Tradesman's
Choice!**

Designed to withstand the rigours of building site conditions.



Protection against Electrocution.

This portable Safety Switch with 1.6m of safety lead is designed to be plugged into standard powerpoints.

Electric tools and appliances are then plugged into the other end of the lead.

It is a heavy duty Safety Switch recommended for use with electric tools used on work sites and for general outdoor applications.

Use the Safety Switch with tools and appliances that you consider potentially dangerous, such as electric lawn mowers, whipper snippers, electric saws, high pressure washers, electric eels, and other appliances that are usually used in wet conditions or where the leads may be damaged.

How does it work?

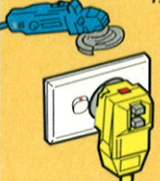
This device constantly monitors the balance of the current flow in both active and neutral wires of the tool and lead that you are using. If an imbalance occurs, as it would if current was to flow through the body to earth, the Safety Switch will immediately detect this dangerous fault and switch the power off before a fatal amount of current can pass through the body.

The response time between fault occurrence and cut-off time is less than thirty thousandths of a second, making the risk of a fatality negligible.

This Safety Switch switches itself off when power is turned off and must be reset when power is restored. This unique feature provides additional safety, particularly with saws, hedge trimmers, lawn mowers etc. which should not accidentally turn back on with power restoration.

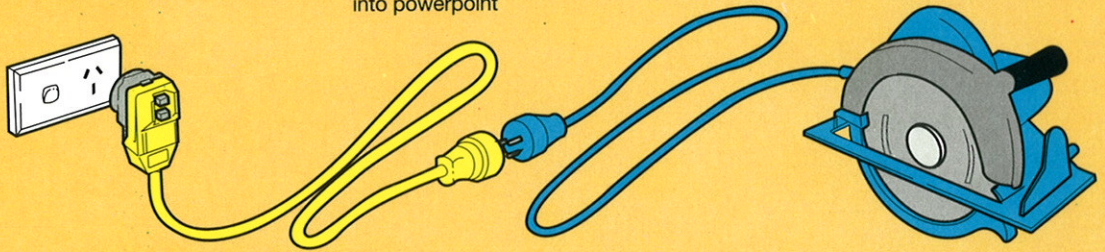
Testing

The Safety Switch should be tested before each use. Please read these testing instructions.

 TESTING INSTRUCTIONS	
WARNING: TEST BEFORE EACH USE. If the unit fails to trip when the test button is pressed (red indicator fails to disappear); or fails to reset (red indicator fails to appear) the device is defective and should be returned for replacement by the supplier.	
2. Press and release 'RESET'. Verify red indicator is visible ("On").	1. Plug into powerpoint and switch power on.
4. Switch powerpoint on and reset. Verify red indicator is visible ("On").	3. Switch powerpoint off. Verify red indicator disappears ("Off").
6. Press and release 'RESET' button. Verify that the red indicator reappears through plastic window. (Red indicator denotes that output power is available).	5. Press 'TEST' button. Verify red indicator disappears ("Off").
7. Power is now available to the appliance. Switch the appliance on and operate equipment normally.	

TEST BEFORE EACH USE – SEE ABOVE

Plug Safety Switch
into powerpoint



Caution

- If the unit repeatedly trips, or if it fails to trip, when tested according to the instructions, seek advice from an electrical contractor, or call HPM. **DO NOT ATTEMPT TO USE THE TOOL WITHOUT THE SAFETY SWITCH AS A REAL SHOCK HAZARD MAY EXIST.**
- If using in conjunction with an extension lead ensure that the Safety Switch is plugged into the powerpoint and the extension lead is plugged into the socket of the Safety Switch (not the other way around as the extension lead would not be protected). Avoid the possibility of nuisance tripping by ensuring that the extension lead is no longer than 40 metres.
- This device is to be used on normal household electrical distribution systems 230V-240Vac 50Hz only.
- Safety Switches, whether HPM or any other, do not protect against electrical shock resulting from contact with *both* live and neutral wires of the electrical circuit.
- Do not use in a wet environment. Do not immerse in any liquid or expose directly to rain. If Safety Switch is dropped, test to ensure correct function.
- Test frequently and before each use to ensure correct operation.
- Electricity can be dangerous: The use of a Safety Switch is not a substitute for basic electrical safety precautions. The HPM Cat D5101 is designed as a protective device - do not use as an off/on switch. Unplug equipment to achieve isolation before any inspection or repair of equipment is attempted.
- Opening voids warranty. Return to HPM for service.
- Not suitable for generators - damage may occur.

HPM WARRANTY

HPM Cat D5101 Portable Safety Switch is warranted as here and after appears, against faulty material and/or workmanship for a period of one year from date of purchase.

The obligation of the manufacturer, under this warranty, is limited to servicing and replacing defective parts when the unit is returned to HPM Industries, or the distributors in your state, freight prepaid.

This warranty becomes void on any unit which has been tampered with or damaged by accident, short circuited, loaded beyond rating or damaged otherwise by improper operation.

All other warranties, whether expressed or implied and whether arising by operation of law or otherwise are hereby excluded.



- Hedge trimmers
 - Electric lawnmowers
 - Whipper snippers
 - Electric drills, etc.
- Also suitable for household electrical.

SPECIFICATION Cat D5101

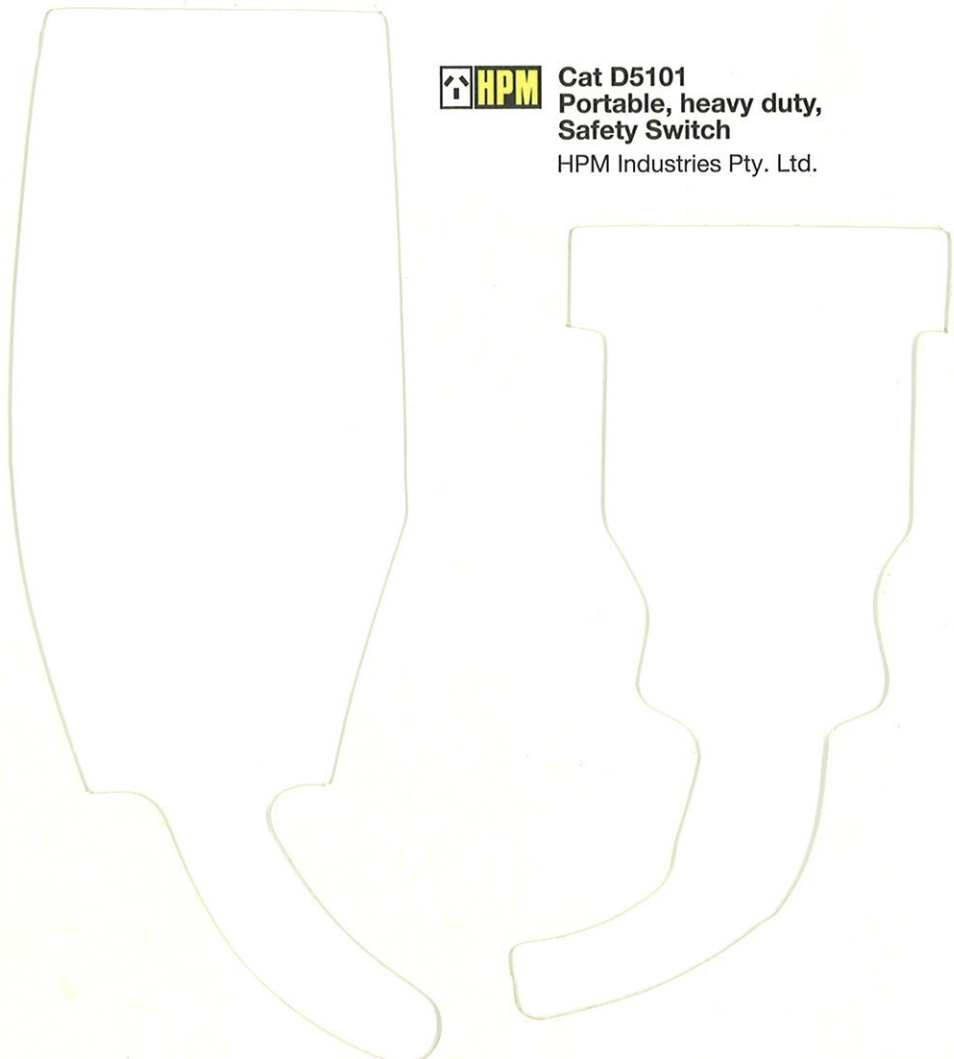
Voltage: 230 - 240Vac 50Hz
Max Load: 10A 2400W
Residual current: 30mA
Max tripping time: 30mS.
Lead length: 1.6m
Lead gauge: Heavy duty

Protection from Electrocution

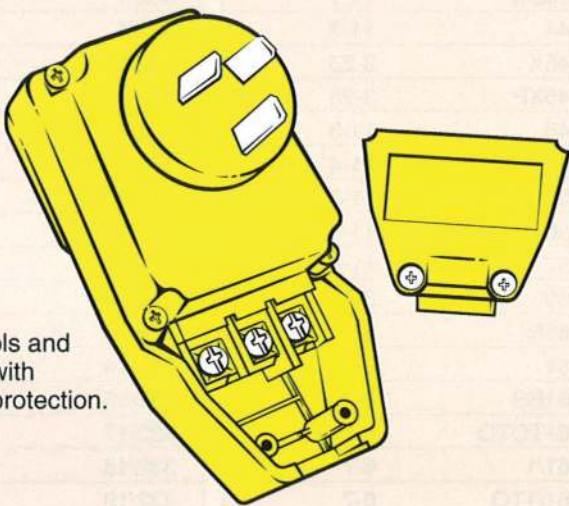


Cat D5101
Portable, heavy duty,
Safety Switch

HPM Industries Pty. Ltd.

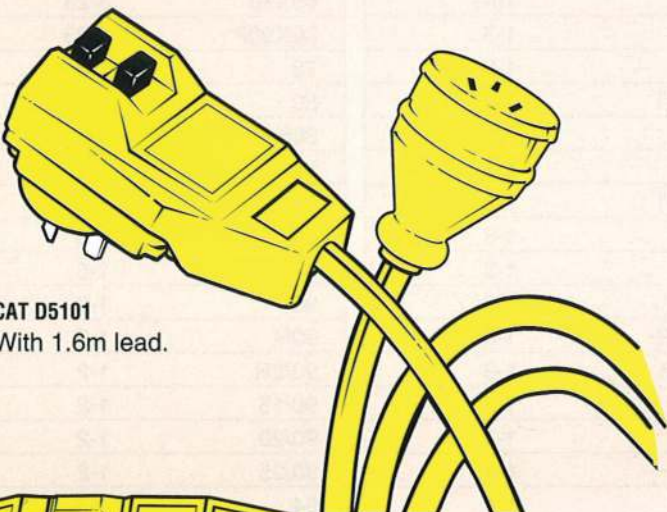


Heavy Duty Safety Switch Plug Tops



CAT D5100
Provides tools and
appliances with
permanent protection.

Plug-in Electresafe Portable Safety Switches

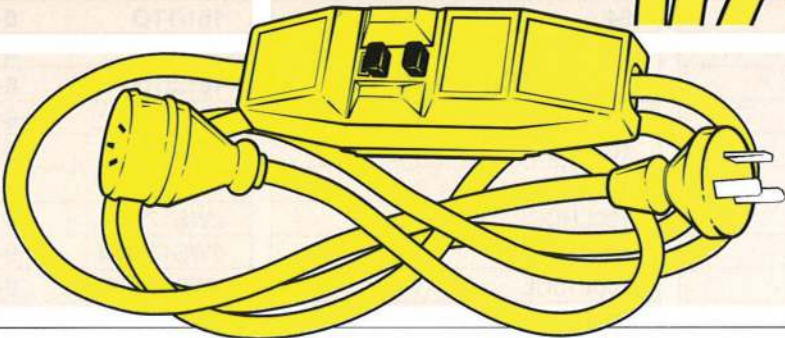


CAT D5101
With 1.6m lead.

In-Line Corded Safety Switches

Portable Safety Switch on 2m of safety lead. Plugs into all standard powerpoints including weatherproof type.

The weatherproof version of this safety switch (Cat R5102/1) is rated IP56.



CAT R5102

Fail-Safe feature on all HPM Electresafe Portable Safety Switches

Extension leads are involved in a large number of fatalities due to wires becoming disconnected inside the plug or extension socket, or by damage and exposure of live wires. As an RCD cannot protect upstream, no extension leads should be used between the powerpoint and the RCD.

However, in some circumstances the supply to the RCD may be faulty. The neutral supply can be lost, but the live active still present. If contact is made with the live active, a fatality may occur.

A "normally closed" RCD will allow this to happen downstream of the RCD as its tripping requires both active and neutral supply. HPM Electresafe units are "normally open", "fail safe" and will open on the loss of either active or neutral, disconnecting both active and neutral downstream. And, as an added bonus on the Cat D5100, D5101 and the R5102 it also prevents restart of saws etc, until the manual reset button is pressed on the RCD. Also complies with AS3190: 1990; Appendix E, Fail safe tests.

