Standard Range

Standard Range switches 230 - 240V a.c.

Switches are supplied with Cat. No. 770M unless otherwise specified. These are interchangeable with any 770, 769, 707 series mechanism. Available to PWD specification with rear-screwed plate mounting of mechanisms.
Vertical standard size switches
Plate size: 70 x 114mm.
Mounting centres: 84mm

Pack	Cat No.	
10	770/1	10A 1 gang standard size switch
10	770/2	10A 2 gang standard size switch
10	770/3	10A 3 gang standard size switch
10	770/4	10A 4 gang standard size switch
10	770/5	10A 5 gang standard size switch
10	770/6	10A 6 gang standard size switch

Chemically resistant switches
Plate size: 70 x 114mm.
Mounting centres: 84mm
Identified by CH mark in teardrop on product

Pack	Cat No.	
1	770/0CH	Standard blank switch plate
10	770/1CH	10A 1 gang standard switch
10	770/2CH	10A 2 gang standard switch
1	770/3CH	10A 3 gang standard switch

Architrave switches
Plate size: 32mm wide. Suitable for horizontal or vertical mounting.

Pack	Cat No.	
10	A770/1	10A 1 gang architrave switch. 68mm long. Suits 141 mounting block. Mounting centres: 57mm.
10	A770/2	10A 2 gang architrave switch. 79mm long. Suits 156 mounting block. Mounting centres: 70mm.
10	A770/3	10A 3 gang architrave switch. 105mm long. No mounting block available. Mounting centres: 95mm.
10	A770/4	10A 4 gang architrave switch. 132mm long. No mounting block available. Mounting centres: 21mm.

Deep plate surface-mount switches
Other 770, 769 or 707 series mechanisms are available. Please specify. Plate size: 34 x 81 x 21mm. Mounting centres: 60mm. Switch protrudes past mounting surface by 5mm.

Pack	Cat No.	
10	1A770	10A 1 gang single pole switch (770M mech.)
10	1A770P	10A 1 gang double pole switch, caravan type (769PM mech.)
5	2/770	10A 2 gang single pole switch (770M mech.)
5	2/770P	10A 2 gang double pole switch, caravan type (769PM mech.)

Older style round surface-mount switches
Available to PWD specification with rear-screwed plate mounting of mechanisms. Not suitable for module mechanisms. Plate size: 51mm diameter x 21mm deep.

Pack	Cat No.	
10	65	10A old style surface switch, 1-2 way & loop

Pack	Cat No.	**Heavy duty rocker switches, range switch isolators** Special integral mechanism size 41 x 63 x 13mm deep from back of plate. Plate size: 70 x 114mm. Mounting centres: 84mm.
10	F1036/3	36A, 240V a.c. single pole switch with looping terminals
10	F1036N	36A, 240V a.c. single pole switch with neon indicator
10	F1036P	36A, 415V a.c. double pole switch & terminal for common neutral & earth.
10	F1036PN	36A, 415V a.c. double pole switch with neon indicator & terminal for common neutral & earth.

Pack	Cat No.	**Time delay switches,**
3	TX770/1RC	10A time delay switch, 3-wire. Push start/push restart, for remote mounting. 1 sec to 239 hrs time adjustment.
3	TX770/1RCNC	10A time delay switch, 3-wire. Push start/push restart, for remote mounting. Normally-closed contacts. 1 sec to 239 hrs time adjustment.
3	TX770/2RC	10A time delay switch, 3-wire. Push start/push stop, for remote mounting. 1 sec to 239 hrs time adjustment.
3	TX770/2RCNC	10A time delay switch, 3-wire. Push start/push stop, for remote mounting. Normally-closed contacts. 1 sec to 239 hrs time adjustment.
3	TF770/1RC	Fan time delay switch, 3, 10 & 20 min (approx) time adjustment, for remote mounting.
1	TD170/1	Weatherproof 2-wire time delay switch, 2.5A: 1, 3 & 10 min (approx) time adjustment. Replaces pneumatic type switches used in stairwells etc.

Pack	Cat No.	**Booster relay switches for solar hot water systems, and load shedding.** Plate size: 70 x 114mm. Mounting centres: 84mm.
3	770REL1	Current held hot water booster switch, neons for boost required, on, temp OK. 4.8kW

Pack	Cat No.	**Relay switches pack for motion sensors**
3	770REL8	Relay pack. 2400W/1900VA max. Normally open. Not suitable for devices with solid state switching , such as traics.

Pack	Cat No.	**KeyLock switch, 10A** Plate size: 70 x 114mm. Mounting centres: 84mm. For common keys, add CK to code if mechanism required eg 770/1KLICK.
10	770/1KLI	KeyLock switch, 10A, key removable in 'on' position
10	770/1KLO	KeyLock switch, 10A, key removable in 'off' position
10	770/1KLIO	KeyLock switch, 10A, key removable in 'on' or 'off' positions

Standard Range

Pack	Cat No.	
		Rectangle cord-pull ceiling switches, flush mounting Plate size: 114 x 70mm. Mounting centres: 84mm. Cut-out 70 x 48 x 35mm depth from back of plate. Supplied with clear shroud.
10	600	10A flush cord-pull ceiling switch. (770 mech).
10	600N	10A flush cord-pull ceiling switch with neon. (770 mech).
10	600X	15A flush cord-pull ceiling switch, momentary contact, changeover (770XM mech).

Pack	Cat No.	
		Round cord-pull ceiling switches, surface mounting Plate size: 73mm diameter. Mounting centres: 50mm. Supplied with clear rear cover.
10	601	10A surface mounting cord-pull ceiling switch. (770 mech).
10	601X	15A surface mounting cord-pull ceiling switch, momentary contact. (770XM mech).

Pack	Cat No.	
		KeyTag switches Plate size: 70 x 114mm. Mounting centres: 84mm. Available in white only. Supplied with Cat. No. 770/20KTM switches inside pockets, Cat. No. 707M neons (opal in pocket, red outside) Cat. No. 770M switches outside pockets, and Cat. No. 770T3 blank tag. The KeyTag mechanisms supplied are interchangeable with other mechs detailed below.
10	770KT1	2 x 20A switches & neon in base pocket
10	770KT2	2 x 20A switches & neon in base pocket, 10A independent switch above
10	770KT3	2 x 20A switches & neon in base pocket, 10A independent switch & neon above
10	770KT4	3 x 20A switches in base pocket
10	770KT5	3 x 20A switches in base pocket, 10A independent switch above
10	770KT8	2 x 20A switches & neon in top pocket, 10A independent switch below
10	770KT10	3 x 20A switches in top pocket
10	770KT11	3 x 20A switches in top pocket, 10A independent switch below
10	770KT13	3 x 20A switches & neon in base pocket
10	770KT14	4 x 20A switches in base pocket
10	770KT16	4 x 20A switches in top pocket
		KeyTags
10	770T3	KeyTag, 100mm long, with removable insert

Standard Range

Standard Range powerpoints 230 - 240V a.c.

Single powerpoints
Plate size: 114 x 70mm.
Mounting centres: 84mm

Pack	Cat No.	
10	787	10A single powerpoint
10	787IDCL	10A single powerpoint with Cat. No. 800/2CL blanking insert with clear cap
10	787S	10A single powerpoint with safety shutter
10	787NS	10A single powerpoint with neon & safety shutter
10	787R	10A single powerpoint with round earth
10	787/15	15A single powerpoint
10	787/15NS	15A single powerpoint with neon & safety shutter
10	787/20	20A single powerpoint
10	787/25	25A single powerpoint
10	787/32	32A single powerpoint

Single powerpoint with extra switch
Plate size: 114 x 70mm. Mounting centres: 84mm. Also available in 15A powerpoint. To order insert/15 as follows: 787/15X, 787/15XS

Pack	Cat No.	
10	787X	10A single powerpoint with extra swith
10	787XS	10A single powerpoint with extra swith & safety shutter
10	787XNS	10A single powerpoint with extra swith, neon & safety shutter

Single powerpoints with 2 extra switches
Plate size: 114 x 70mm.
Mounting centres 84mm

Pack	Cat No.	
10	787/2X	10A single powerpoint with 2 extra switches

Double pole single powerpoints
Plate size: 114 x 70mm. Mounting centres: 84mm. Supplied with Cat. No. 769PM mechanism.

Pack	Cat No.	
10	787P	10A double pole single powerpoint
10	787PN	10A double pole single powerpoint with neon
10	787P15	15A double pole single powerpoint
10	787PN15	15A double pole single powerpoint with neon
10	787P20	20A double pole single powerpoint

Vertical single powerpoints
Plate size: 70 x 114mm.
Mounting centres: 84mm

Pack	Cat No.	
10	V787	10A vertical single powerpoint
10	V787S	10A vertical single powerpoint with safety shutter
10	V787R	10A vertical single powerpoint with round earth

KeyLock powerpoints
Plate size: 114 x 70mm. Mounting centres: 84mm. Key removed in off position only. For common keys, add CK to code if powerpoint required eg 738KLCK

Pack	Cat No.	
10	738KL	10A KeyLock powerpoint
10	738KLN	10A KeyLock powerpoint with separate neon
10	738KL15	15A KeyLock powerpoint
10	738KLN15	15A KeyLock powerpoint with separate neon
10	738KL20	20A KeyLock powerpoint

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Further items on request. Dimensions mm.
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Standard Range

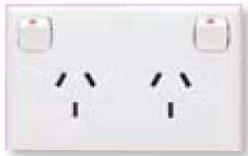| Pack	Cat No.	No-volt powerpoints
		Plate size: 114 x 70mm. Mounting centres: 84mm When power to the circuit is interrupted (no volt) the relay drops out. After power is re-stored, the relay must be manually reset. Ideal for load shedding of non essential loads. Allows greater restart without in-rush loads.
5	787XNV	10A no-volt single powerpoint. Comprises 787X powerpoint with electrically held relay & reset switch (770XM)
5	787XNV15	15A no-volt single powerpoint. Comprises 787/15X powerpoint with electrically held relay & reset switch (770XM)

Pack	Cat No.	Double powerpoints
		Plate size: 114 x 40mm. Mounting centres: 84mm
10	777	10A double powerpoint
10	777IDCL	10A double powerpoint with Cat. No. 800/2CL blanking insert with clear cap
10	777ID	10A double powerpoint with Cat. No. 800/2 blanking insert with opaque cap
10	777S	10A double powerpoint with safety shutters
10	777NS	10A double powerpoint with neons & safety shutters
10	777R	10A double powerpoint with round earths
10	777RNS	10A double powerpoint, round earths, neons & safety shutters
10	777/1015	Double powerpoint with 10A & 15A outlets
10	777/15	15A double powerpoint
10	777/15S	15A double powerpoint with safety shutters

Pack	Cat No.	Double powerpoints with extra switch
		Plate size: 114 x 70mm. Mounting centres: 84mm
10	777X	10A double powerpoint with extra switch
10	777XLK	10A double powerpoint with extra switch & hard-wired link
10	777XS	10A double powerpoint with extra switch & safety shutters
10	777X15	15A double powerpoint with extra switch

Pack	Cat No.	Double pole double powerpoints
		Plate size: 114 x 70mm. Mounting centres: 84mm
10	777P	10A double pole powerpoint
10	777PLK	10A double pole powerpoint with pre-wired link
10	777PLKNS	10A double pole powerpoint with neons & safety shutters
10	777P15	15A double pole powerpoint

Standard Range

Vertical double powerpoints
Plate size: 70 x 114mm.
Mounting centres: 84mm

Pack	Cat No.	
10	V777	10A vertical double powerpoint
10	V777LK	10A vertical double powerpoint with pre-wired link
10	V777S	10A vertical double powerpoint with safety shutters
10	V777/15	15A vertical double powerpoint

Vertical double powerpoints with extra switch
Plate size: 70 x 114mm.
Mounting centres: 84mm

Pack	Cat No.	
10	V777X	10A vertical double powerpoint with extra switch
10	V777X15	15A vertical double powerpoint with extra switch

Single narrow powerpoints
Plate size: 98 x 46mm.
Mounting centres: 79mm

Pack	Cat No.	
10	790	10A single narrow powerpoint
10	790S	10A single narrow powerpoint with safety shutter
10	790NS	10A single narrow powerpoint with neon & safey shutter
10	790R	10A single narrow powerpoint with round earth
10	790RS	10A single narrow powerpoint with round earth & safety shutter
10	790/15	15A single narrow powerpoint
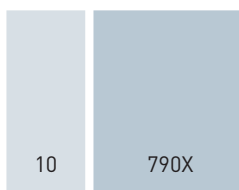
Single narrow powepoints with extra switch
Plate size: 114 x 46mm.
Mounting centres: 95mm

Pack	Cat No.	
10	790X	10A single narrow powerpoint with extra switch

Double narrow powerpoints
Plate size: 157 x 46mm.
Mounting centres: 137mm

Pack	Cat No.	
5	792	10A double narrow powerpoint
5	792S	10A double narrow powerpoint with safety shutters
5	792R	10A double narrow powerpoint with round earth
5	792/15	15A double narrow powerpoint
5	792/15S	15A double narrow powerpoint with safety shutters
5	792/1015	Double narrow powerpoint with 10A &15A outlets

Double narrow powerpoints, busbarred for easy wiring
Plate size: 157 x 46mm.
Mounting centres: 137mm

Pack	Cat No.	
5	792B	10A double narrow powerpoint with busbar
5	792BNS	10A double narrow powerpoint with busbar, neons & safety shutters
5	792B15	15A double narrow powerpoint with busbar
5	792B1015	Double narrow powerpoint with busbar and 10A & 15A outlets

Standard Range

Jumbo single powerpoints
Plate size: 127 x 83mm.
Mounting centres: 2 standard holes, 84mm horiz. on horizontal central line. Also available 2 holes 102mm horizontal mounting centres on horizontal centre line and 2 holes 59mm vertical mounting centres on vertical centre line (for stud mounting). Suffix Cat. No. /O for outside holes.

Pack	Cat No.	
10	791	10A single powerpoint

Jumbo double powerpoints with outside holes
Plate size: 143 x 83mm.
Mounting centres: 119mm

Pack	Cat No.	
5	778/O	10A double powerpoint

Jumbo double powerpoints with inside holes
Plate size: 143 x 83mm.
Mounting centres: 84mm

Pack	Cat No.	
5	778/I	10A double powerpoint

Large plate triple powerpoints
Plate size: 184 x 86mm. Mounting centres: 2 holes 152mm horiz. and 6mm below horiz. centre line. Suitable as a replacement for Cat. No. 3 old style double powerpoint

Pack	Cat No.	
5	3G788	10A single pole triple powerpoint

Square single powerpoint
Plate size: 114mm square.
Mounting centres: 4 holes at 46mm horizontal and 84mm vertical and 2 holes at 84mm horizontal on centre line.

Pack	Cat No.	
5	SQ787	10A single powerpoint
5	SQ787S	10A single powerpoint with safety shutter

Square double powerpoints
Plate size: 114mm square.
Mounting centres: 4 holes at 46mm horizontal and 84mm vertical and 2 holes at 84mm horizontal on centre line.

Pack	Cat No.	
5	SQ777	10A double powerpoint
5	SQ777S	10A double powerpoint with safety shutter

Standard Range

Square double powerpoints with extra switch
Plate size: 114mm square.
Mounting centres: 4 holes at 46mm horizontal and 84mm vertical.

Pack	Cat No.	
5	SQ777X	10A double powerpoint with extra switch
5	SQ777XS	10A double powerpoint with extra switch & safety shutters

Deep-plate single powerpoints
Plate size: 81mm square x 32mm.
Mounting centres: 60mm.
Mechanism 3mm shallower than mounting surface.

Pack	Cat No.	
10	1/788	10A single pole single powerpoint
10	1/788P	10A double pole single powerpoint, caravan type
10	1/788P15	15A double pole single powerpoint, caravan type

Deep-plate single powerpoints with extra switch
Plate size: 132 x 81 x 32mm.
Mounting centres: 97mm.
Mechanisms are 5mm shallower than mounting surface. Powerpoint mechanisms are 3mm shallower than mounting surface. Switch and powerpoint isolated by removable insulation barriers.

Pack	Cat No.	
5	788PXP	10A 2 pole single powerpoint with extra 2 pole switch, caravan type
5	788PX	10A 2 pole single powerpoint with extra switch

Deep-plate double powerpoints
Plate size: 132 x 81 x 32mm.
Mechanism 3mm shallower than mounting surface.

Pack	Cat No.	
5	2/788P	10A double pole double powerpoint, caravan type
5	2/788	10A single pole double powerpoint
5	2/788P15	15A double pole double powerpoint, caravan type
5	2/788PNS	10A double pole double powerpoint with neons & safety shutters, caravan type

Electresafe double powerpoints, 30mA tripping
Plate size: 114 x 70mm.
Mounting centres: 84mm

Pack	Cat No.	
2	777EL30	30mA Electresafe powerpoint 10A
2	777EL30/1015	30mA Electresafe powerpoint with 10A & 15A outlets
2	777EL30G	30mA Electresafe powerpoint for use on generators, 10A
2	777EL30G1015	30mA Electresafe powerpoint for use on generators, 10A & 15A outlets

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Further items on request. Dimensions mm.
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Standard Range

1	777EL30M	30mA Electresafe module. 20A
2	777EL30N	30mA Electresafe powerpoint with 'supply available' amber neon, 10A
2	777EL30N3	30mA Electresafe powerpoint with 3 neons, 10A
2	777EL30R	30mA Electresafe powerpoint with round earth. 10A

Pack	Cat No.	**Electresafe double powerpoints, 10mA tripping** Plate size: 114 x 70mm. Mounting centres: 84mm
2	777EL10	10mA Electresafe powerpoint 10A
2	777EL10/1015	10mA Electresafe powerpoint with 10A & 15A outlets
2	777EL10N	10mA Electresafe powerpoint with 'supply available' neon, 10A
2	777EL10N3	10mA Electresafe powerpoint with 3 neons, 10A

RCD modules for panel mounting
Plate size: 114 x 70mm.
Mounting centres: 84mm

2	777EL30ES	30mA tripping RCD module, 20A double pole with mounting bracket
2	777EL10ES	10mA tripping RCD module, 20A double pole with mounting bracket

Pack	Cat No.	**Single powerpoint, DIN rail mounting** Plate size: 67 x 44mm. 4 modules wide, 53mm projection.
10	787DIN	10A single powerpoint with DIN bracket
10	787DIN15	15A single powerpoint with DIN bracket

Pack	Cat No.	**Chemically resistant powerpoints** Plate size: 114 x 70mm. Mounting centres: 84mm
10	777CH	10A standard double powerpoint
10	787CH	10A standard single powerpoint

Pack	Cat No.	**Shaver supply outlets** Plate size: 184 x 85mm. mounting centres: 152mm
1	798H	Horizontal shaver outlet & single powerpoint
1	798V	Vertical shaver outlet & single powerpoint

Standard Range dimmers / fan controllers 230-240V

Pack	Cat No.	**Leading edge light dimmers** Plate size: 70 x 114mm. mounting centres: 84mm Refer to technical section at back of this Section for more information
3	200E	200VA light dimmer, leading edge
3	300E	300VA light dimmer, leading edge
3	400L	400VA light dimmer, leading edge
3	700L	700VA light dimmer, leading edge
3	1000L	1000VA light dimmer, leading edge

Further items on request. Dimensions mm.
Subject to change without notice.
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Standard Range

		Trailing edge light dimmers
		Plate size: 70 x 114mm. Mounting centres: 84mm. Refer to technical section at back of this Section for more information
3	400T	400VA light dimmer, trailing edge
3	700T	700VA light dimmer, trailing edge
3	1000T	1000VA light dimmer, trailing edge

Light dimmers with heatsink
Plate size: 135mm square.
Not suitable for mounting blocks.

1	2000E	2000VA light dimmer, leading edge. 60mm deep
1	2400E	2400VA light dimmer, leading edge. 60mm deep

Pack	Cat No.	**Fan controllers, EMC compliant**
		Plate size: 70 x 114mm. Mounting centres: 84mm
3	300F	300VA fan controller
3	650ET	650VA timed fan controller with auto switch-off. Min load 60VA. Timer switches off load after approximately 2 hours, manually resettable. Also suited for controlling resistive loads.
3	650ET1	650VA timed fan speed controller with auto switch-off and reduced maximum speed. Min load 60VA. Timer switches off load after approximately 2 hours, manually resettable. Also suited to resistive loads. Reduced maximum speed feature meets Department of Public Works requirements.
3	475	100VA de-Hummer 3-Speed fan controller, with 3.3 µF & 4.7 µF capacitors (37mm projection)
3	475/1	100VA de-Hummer 3-Speed fan controller, with 1.5 µF & 2.5 µF capacitors (37mm projection)
3	475/2	100VA de-Hummer 3-Speed fan controller, with 1.5 µF & 2.5 µF capacitors (40mm projection)

Pack	Cat No.	**Architrave TV and FM outlet**
10	A770/1CX	75 ohm coax outlet in architrave plate. 68 x 32mm

Pack	Cat No.	**Deep-plate TV outlet**
10	1A770CX	75 ohm coax outlet, in surface mounting base

Pack	Cat No.	**Telephone outlet grids and plate**
		Plate size: 114 x 70mm. Mounting centres: 84mm
20	770TOPL	Telephone outlet to suit Telecom 610 socket. Plate only.

Pack	Cat No.	**Standard size TV and FM-TV outlet**
		Plate size: 70 x 114mm. Mounting centres: 84mm.
10	770/1CX	75 ohm coax outlet
10	770/1FCX	75 ohm coax to F connector

Further items on request. Dimensions mm.
Subject to change without notice.

Pack	Cat No.	**Modular series RJ outlets** Plate size: 114 x 70mm. Mounting centres: 84mm
10	770/1RJ2	Single RJ45 outlet (phone/data, Cat 5E)
10	770/2RJ2	Double RJ45 outlet (phone/data, Cat 5E)

Standard Range plates

Pack	Cat No.	Colour surcharges might apply. Please see Colour options and surcharges page. Please note that not all plates are available in every colour. Not all plates have been listed, however, plates are available for all Standard Range products. **Standard size switch cover plate only** Plate size: 114 x 70mm. Mounting centres: 84mm
20	770/0	Blank standard plate
20	770/1PL	1 gang standard switch plate
20	770/2PL	2 gang standard switch plate
20	770/3PL	3 gang standard switch plate
20	770/4PL	4 gang standard switch plate
10	770/5PL	5 gang standard switch plate
10	770/6PL	6 gang standard switch plate

Pack	Cat No.	**Small architrave switch plate only**
10	AS770/1PL	1 gang small architrave switch plate, 54 x 26mm
10	AS770/2PL	2 gang small architrave switch plate, 79 x 26mm

Pack	Cat No.	**Architrave switch plate only**
10	A770/1PL	1 gang architrave switch plate, 68 x 32mm
10	A770/2PL	2 gang architrave switch plate, 81 x 32mm
10	A770/3PL	3 gang architrave switch plate, 106 x 32mm
10	A770/4PL	4 gang architrave switch plate, 132 x 32mm
		Deep switch surface mounting plate only Plate size: 34 x 81 x 21mm. Mounting centres: 60mm.
20	1A770PL	1 gang deep plate, caravan type, for surface mounting
10	2/770PL	2 gang deep plate switch plate

Pack	Cat No.	**Intermediate size switch plate only** Plate size: 95 x 44mm. Mounting centre: 55 or 79mm.
20	AL770/11PL	1 gang intermediate size switch plate. Mounting centres: 55mm
20	AL770/12PL	1 gang intermediate size switch plate. Mounting centres: 79mm
10	AL770/21PL	2 gang intermediate size switch plate. Mounting centres: 55mm
20	AL770/22PL	2 gang intermediate size switch plate. Mounting centres: 79mm

Standard Range

Pack	Cat No.	**Square switch plate only** Mounting centres: 1-6 gang: 4 holes at 46mm horizontal and 84mm vertical and 2 holes at 84mm horizontal on centre line. 7-9 gang: 4 holes at 46mm horizontal and 84mm vertical.
20	SQ770/0	Blank square plate
20	SQ770/1PL	1 gang square switch plate
20	SQ770/2PL	2 gang square switch plate
20	SQ770/3PL	3 gang square switch plate
20	SQ770/4PL	4 gang square switch plate
1	SQ770/5PL	5 gang square switch plate
20	SQ770/6PL	6 gang square switch plate
1	SQ770/7PL	7 gang square switch plate
20	SQ770/9PL	9 gang square switch plate

Pack	Cat No.	**Pay-TV switch plate only** Plate size: 70 x 114mm. Mounting centres: 84mm.
10	770FPL	F, BNC, TNC or ST fibre optic adaptor, plate only. Hole dia. 9.5mm

Pack	Cat No.	**Computer data & communication plate only** Plate size: 117 x 73mm. Mounting centres: 84mm
20	770/1D1PL	Computer outlet plate for 1 x 9 pin (CP9) D connector socket
20	770/1D3PL	Computer outlet plate for 1 x 25 pin (CP25) D connector socket
20	770/2D3PL	Computer outlet plate for 2 x 25 pin (CP25) D connector socket
10	770/1CXPL	Computer outlet plate for 1 x bayonet cap TCN or BNC connector socket
10	770/2CXPL	Computer outlet plate for 2 x bayonet cap TCN or BNC connector sockets
10	770/2TBPL	Computer outlet plate for 2 x TCN/BNC connector sockets

Cable accessories

Pack	Cat No.	Suits all Standard mounting accessories. **Cable terminators**
10	770/1YPL	Blank plate, 1 cable terminator on back of plate, 4 terminals

Circuit identification and plain caps

Pack	Cat No.	**Plain blank flush caps**
100	FLUSHCAPS	Plain blank flush caps only. (Packet of 100). Specify colour.
		Engraved flush caps
10	CICCAPS	Engraved flush caps. Available in figures 1-99, letters A-Z. (10 of each number or letter in each pack). Black engraving standard or specify red, yellow.

Standard Range

Pack	Cat No.	**Identification products**
10	800	Blanking piece, suits all 770 series switch plates
10	800LH	Blanking piece with hole for potentiometer mounting, suits all 770 series switch plates.
10	800ID	Blanking piece engraved - Not Safety Switch Protected. Suits all 770 series switch plates.
50	800/2	Blanking insert with opaque cap. Ass Suits all 770 series switch plates.
50	800/2CL	Blanking insert with clear cap. Ass Suits all 770 series switch plates.
50	800/2CL1	Die cut labels for circuit identification to suit Cat. No. 800/2CL
1	800/2CL3	Blank die-cut paper for Cat. No. 800/2CL2 circuit IS kit. 10 sheets per pack. Specify: WE (white); BU (blue); RED (red); or YE (yellow)

Hot water kit

Pack	Cat No.	**Hot water kit**
1	HWS770/2	Hot water cylinder connection kit

Standard Range

Time delay switches table

Cat. No.	Maximum load	Neutral required	Mode of operation*	Normally open or Normally closed	Remote control	Timing range
Remote-mounting time delay switches						
TX770/1RC	2400VA	Yes	Re-trigger	Normally open	Yes	1 sec - 239 hrs
TX770/2RC	2400VA	Yes	Toggle	Normally open	Yes	1 sec - 239 hrs
TX770/1RCNC	2400VA	Yes	Re-trigger	Normally closed	Yes	1 sec - 239 hrs
TX770/2RCNC	2400VA	Yes	Toggle	Normally closed	Yes	1 sec - 239 hrs
TF770/1RC	2400VA (lamp) / 600VA (fan)	No	Fan delay	Normally open	Yes	3, 10 and 20 min

- Re-trigger means that a button press during the timing cycle will re-start the timing cycle.
- Toggle means that a button press during the timing cycle will stop the timing cycle.
- Fan delay means that the fan remains on for a certain period after the light is turned off. A light must be connected for the unit to operate.

Information

Some time delay switches may have compatibility issues with some types of compact fluorescent lamp or electronic ballast when the load is small. This may cause the lamp to flicker slightly in the off state. It can be overcome by increasing the size of the load, or by connecting a resistive load in parallel. for more information, please contact Customer Service

Wiring diagrams
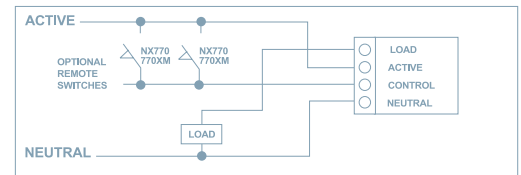
Example application with remote switches.
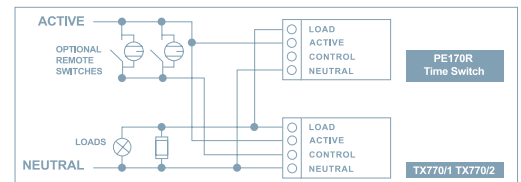
A Cat No. PE170R photoelectric switch is programmed to turn external lights on at dusk and off at a pre programmed time to save energy. Outside of these hours, lights can be turned on for a timed period by the TX770 or remote push buttons.
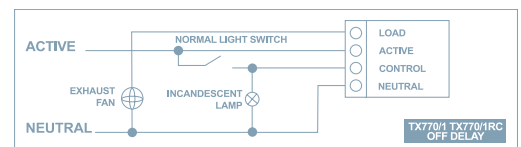
A fan runs for a certain period after light switch is turned off.

Standard Range

Dimmers specifications table

Cat. No.	Type	Maximum load	Minimum load	Incandescent	240V Linear halogen	GU10 240V halogen downlights	Low voltage halogen with wirewood (Iron Core) transformers *	Low voltage halogen with electronic transformers	ceiling fan
Dimmers									
200E	Leading edge	200VA	10VA	✓	✓	✕	✓	See note	✓
300E	Leading edge	300VA	40VA	✓	✓	✕	✓	See note	✓
400L	Leading edge	400VA	10VA	✓	✓	✓	✓	✕	✕
400T	Trailing edge	400VA	10VA	✓	✓	✕	✕	✓	✕
700L	Leading edge	700VA	10VA	✓	✓	✓	✓	✕	✕
700T	Trailing edge	700VA	10VA	✓	✓	✕	✕	✓	✕
1000L	Leading edge	1000VA	10VA	✓	✓	✓	✓	✕	✕
1000T	Trailing edge	1000VA	10VA	✓	✓	✕	✕	✓	✕
2000E	Leading edge	2000VA	100VA	✓	✓	✕	✓	See note	✓
2400E	Leading edge	2400VA	100VA	✓	✓	✕	✓	See note	✓

Note

Some electronic transformers state that they are compatible with Leading Edge Dimmers. However, significant de-rating of the dimmer is usually required. Therefore, recommends the use of Trailing Edge Dimmers (Cat. No. 400T, 700T or 1000T) for these applications. If it is necessary to use a Leading Edge Dimmer, then please refer to the Dimming Electronic Transformers information sheet enclosed with the product.

* When using wirewound transformers, ensure the transformers are marked "suitable for dimming" and de-rate the dimmer by 20%.

How many electronic transformers can I use?

Selecting the correct fan controller

Electronic transformer model	400T	700T	1000T
Max number of transformers per dimmer			
Nelson MTECOUGAR60			
Nelson MTETRADE65			
Nelson MTECONT70			
Nelson MTEFOX60			
Nelson MTEICE60	8	14	20
Nelson MTEKITTY60			
Nelson MTEMICRO60			
Nelson MTEPBS60			
	Assumes 1 x 50W lamp per transformer		
Nelson MTECONT105			
Nelson MTEFLAT105			
Nelson MTEFOX105	4	7	10
Nelson MTEICE105			
Nelson MTEKITTY105			
	Assumes 2 x 50W lamp per transformer		

This table is an example only. Other models of electronic transformers may be used.

Cat. No.	Maximum load	Minimum load
Fan controllers		
300F	300VA	40VA
475	100VA	-
475/1	100VA	-
475/2	100VA	-
Timed fan controller		
650ET	650VA	60VA
650ET1	650VA	60VA

- **Cat. No. 475, 475/1** and **475/2** are capacitive type controllers that will eliminate motor humming. These can control only a single fan. All other fan controllers are capable of controlling multiple fans up to their maximum load.

- The capacitor values in **Cat. No. 475/1** and **475/2** are the same, and have been selected to suit most fan models. The only diffirence between the two is that **Cat. No. 475/2** can be installed on a multi-gang plate with other switches or dimmers.

- If Cat. No. 475/1 or 475/2 cause the fan to operate too slowly, **Cat. No. 475** should be used instead.

- **Cat. No. 650ET** and **650ET1** have an in-built two hour timer, and will automatically switch off after this time.

- **Cat. No. 650ET1** has a reduced maximum speed of 80-85% to satisfy Department of Public Works specifications.

Applies to all dimmers and fan controllers

% Rating vs Installation air temperature (100 at 25°C decreasing linearly to 0 at 75°C)
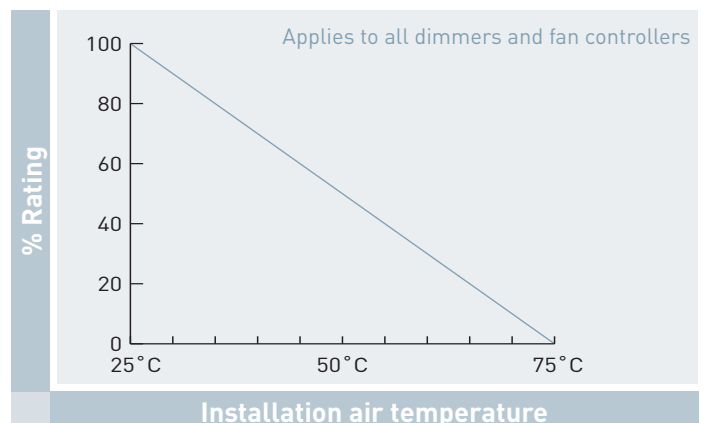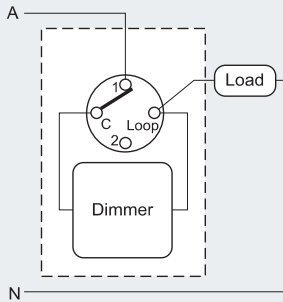
Standard Range

One-way switching with dimmer
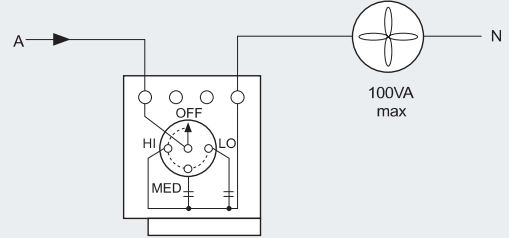
475 and 475/1
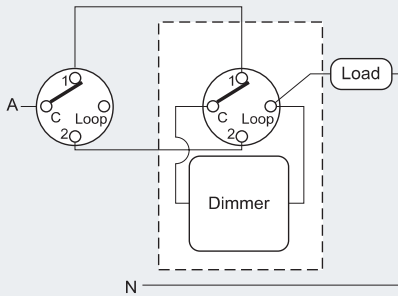
Two-way switching with dimmer
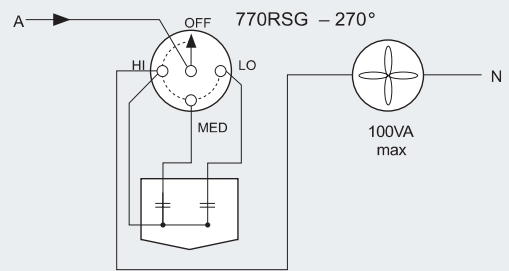
475/2
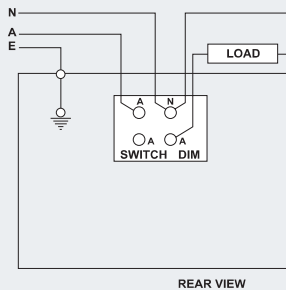
2000E and 2400E

Standard Range

Installation dimensions

17
114
47
21
26
70
40
Mechanism width 25mm

300E, 300F

17
114
21
25
25
70
40
Mechanism width 50mm

650ET, 650ET1, 700E

17
114
47
21
26
70
35
Mechanism width 25mm

200E, 400L, 400T

17
114
21
51
70
40
Mechanism width 50mm

1000L, 1000T

17
114
21
51
70
40
Mechanism width 50mm

700L, 700T

BY PASS
135
135
60.6
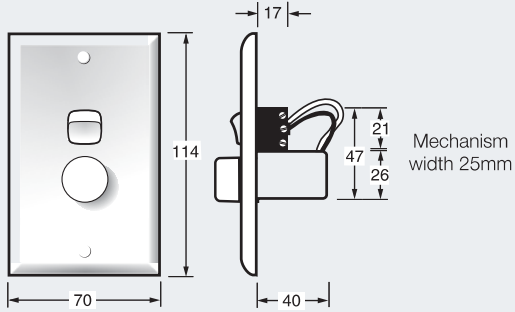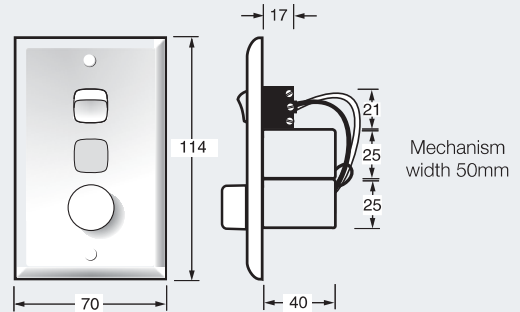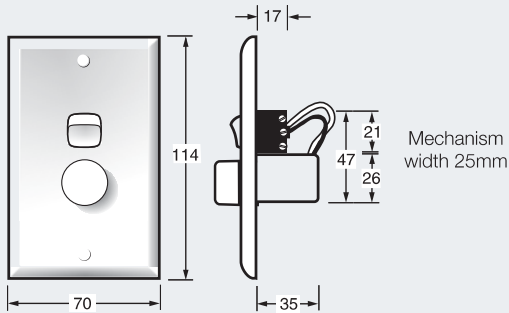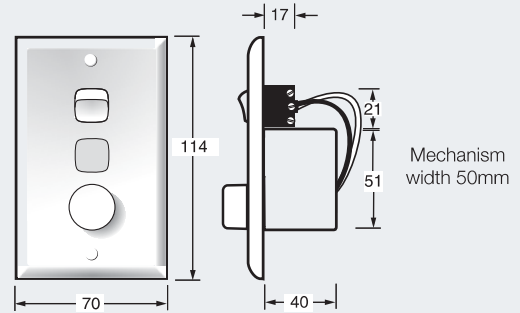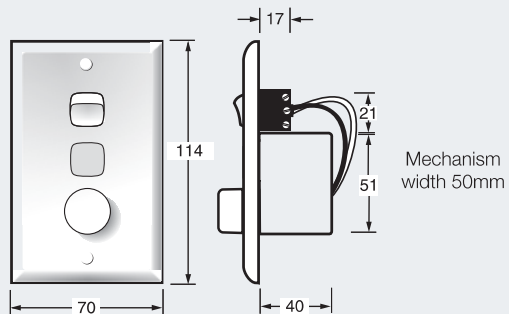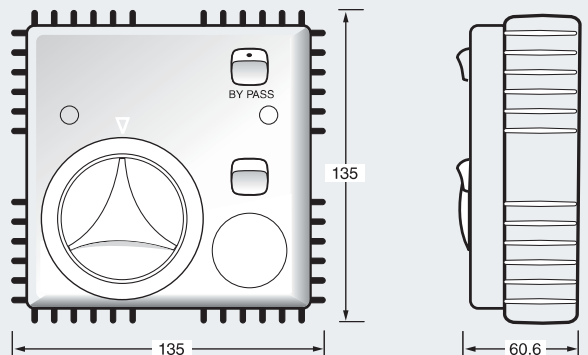
2000E, 2400E

Heavy duty rocker switches, range switch isolators

F1036P

Cat No.	
F1036P	Plate size: 70 x 114mm. Mounting centres: 84mm
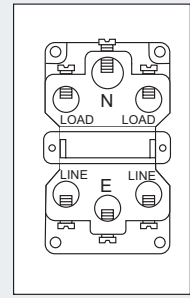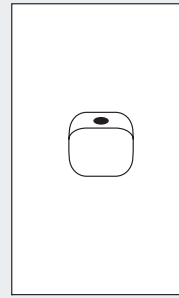
Single powerpoints

787

787/20

787/25

787/32

787	Plate size: 114 x 70mm. Mounting centres: 84mm
787/20	Plate size: 114 x 70mm. Mounting centres: 84mm
787/25	Plate size: 114 x 70mm. Mounting centres: 84mm
787/32	Plate size: 114 x 70mm. Mounting centres: 84mm
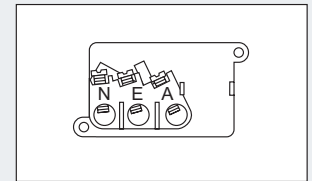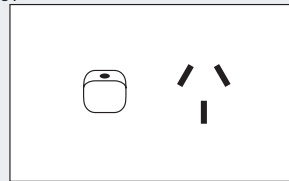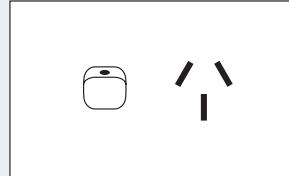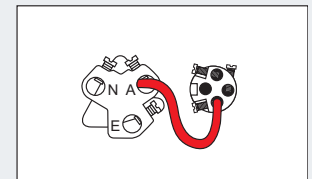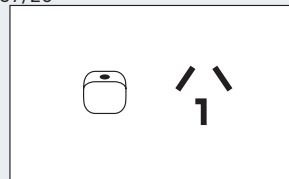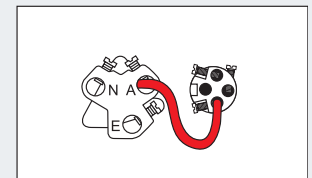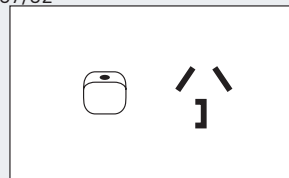
Single powerpoints with extra switch

787X

787X	Plate size: 114 x 70mm. Mounting centres: 84mm
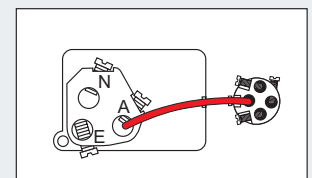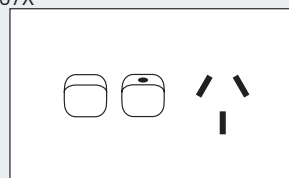
Single powerpoints with 2 extra switches

787/2X

787/2X	Plate size: 114 x 70mm. Mounting centres: 84mm

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Further items on request. Dimensions mm.
Subject to change without notice.

Created 01.04.2009
L5000
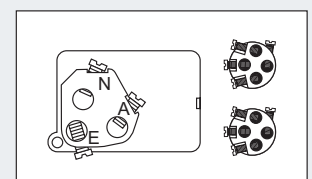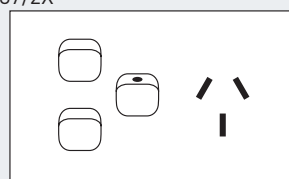
Double pole single powerpoint

Cat No.	
787P	Plate size: 114 x 70mm. Mounting centres: 84mm

787P
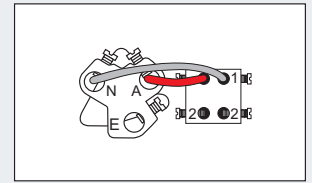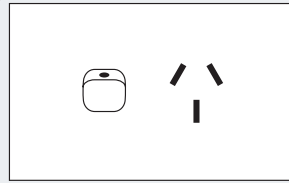
Vertical single powerpoints

V787

V787	Plate size: 70 x 114mm. Mounting centres: 84mm
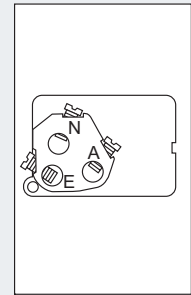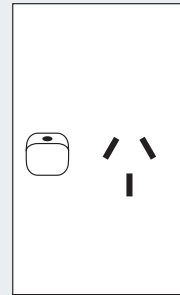
KeyLock powerpoints

738KL

738KL	Plate size: 114 x 70mm. Mounting centres: 84mm
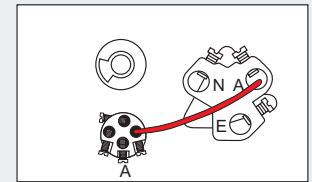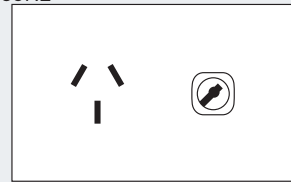
No-volt powerpoints

787XNV

787XNV	Plate size: 114 x 70mm. Mounting centres: 84mm
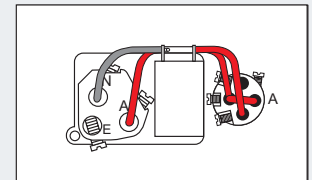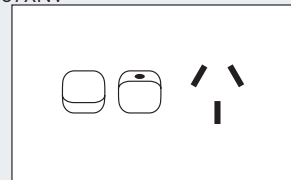
Double powerpoints

777

777	Plate size: 114 x 70mm. Mounting centres: 84mm
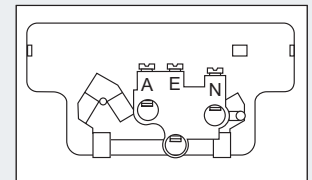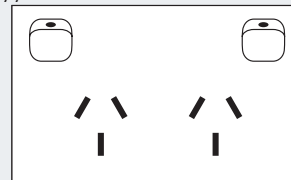
Double powerpoints with extra switch

777X

777X	Plate size: 114 x 70mm. Mounting centres: 84mm
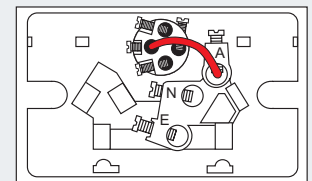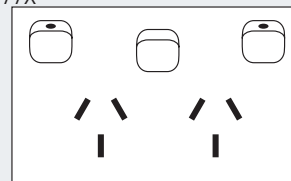
Double pole double powerpoints

Cat No.

777PLK   Plate size: 114 x 70mm.
          Mounting centres: 84mm

777P
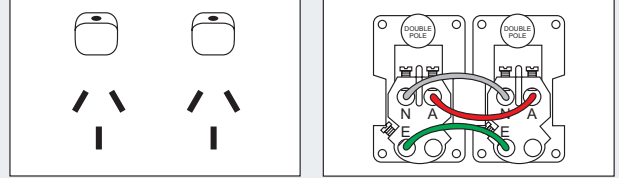
Vertical double powerpoint

V777

V777LK

V777   Plate size: 70 x 114mm.
         Mounting centres: 84mm

V777LK   Plate size: 70 x 114mm.
         Mounting centres: 84mm
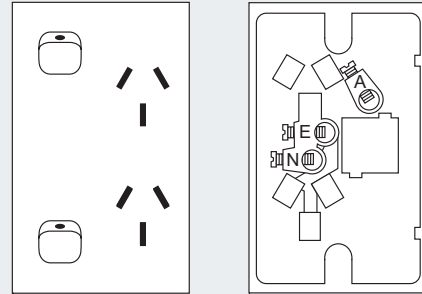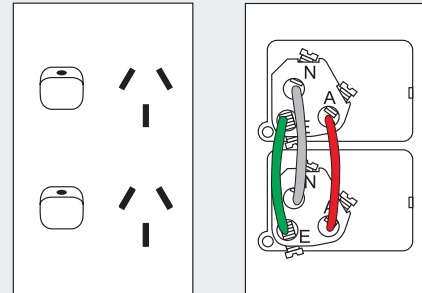
Vertical double powerpoints with extra switch

V777X

V777X   Plate size: 70 x 114mm.
         Mounting centres: 84mm
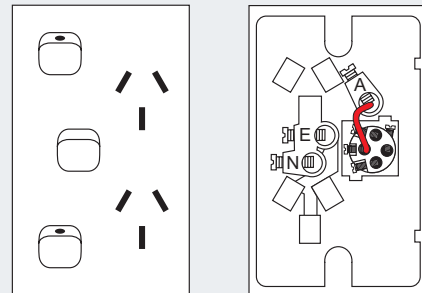
Single narrow powerpoint

790

790   Plate size: 98 x 46mm.
         Mounting centres: 79mm
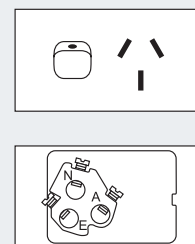
Single narrow powerpoints with extra switch

790X
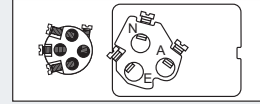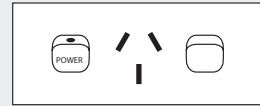
Cat No.	
790X	Plate size: 114 x 46mm. Mounting centres: 95mm

Double narrow powerpoints

792
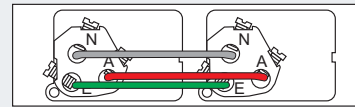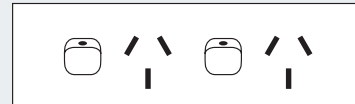
792	Plate size: 157 x 46mm. Mounting centres: 137mm

Double narrow powerpoints, busbarred for easy wiring

792B
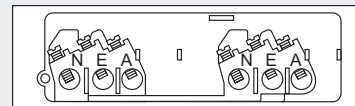
792B	Plate size: 157 x 46mm. Mounting centres: 137mm

Large plate triple powerpoints

3GP788
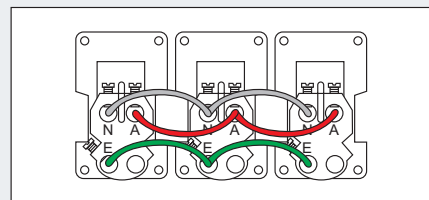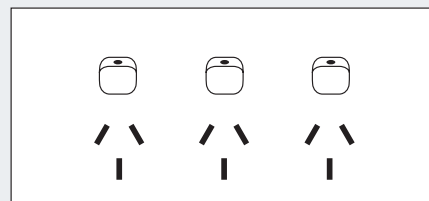
3GP788	Plate size: 184 x 86mm. Mounting centres: 2 holes 152mm horiz. and 6mm below horiz. centre line

Large plate double pole triple powerpoints

3G2P788
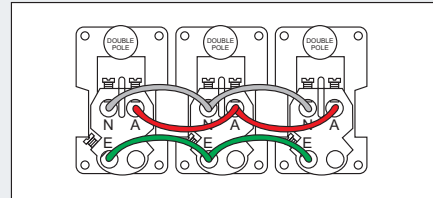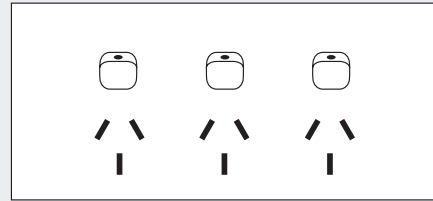
Cat No.	
3G2P788	Plate size: 184 x 86mm. Mounting centres: 2 holes 152mm horiz. and 6mm below horiz. centre line

Jumbo single powerpoints

791

791	Plate size: 127 x 83mm. Mounting centres: 2 standard holes, 84mm horiz. on horizontal central line. Also available: 2 holes 102mm horizontal mounting centres on horizontal centre line and 2 holes 59mm vertical mounting centres on vertical centre line (for stud mounting).
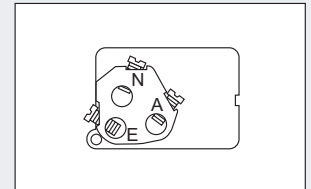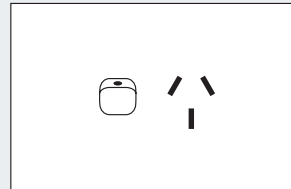
Jumbo double powerpoints with outside holes

778/O

778/O	Plate size: 143 x 83mm. Mounting centres 119mm
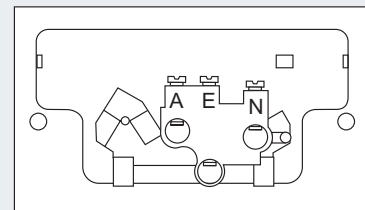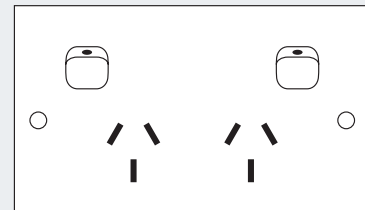
Jumbo double powerpoints with inside holes

778/I
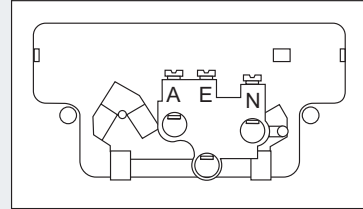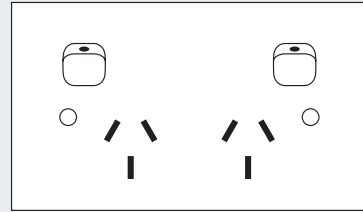
Cat No.
778/I

Plate size: 143 x 83mm.
Mounting centres: 84mm
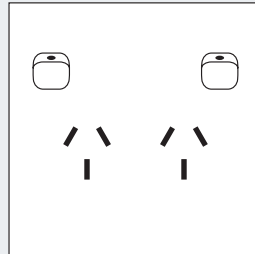
Square single powerpoints

SQ787
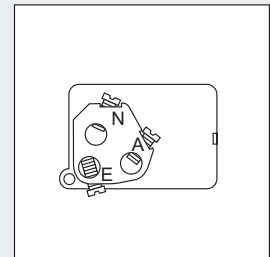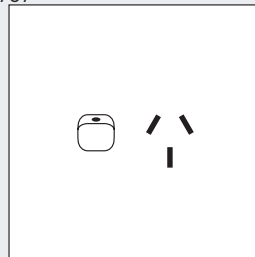
SQ787

Plate size: 114mm square. Mounting centres:
4 holes at 46mm horizontal and 84mm vertical
and 2 holes at 84mm horizontal on centre line
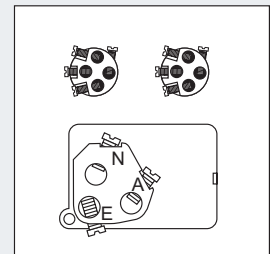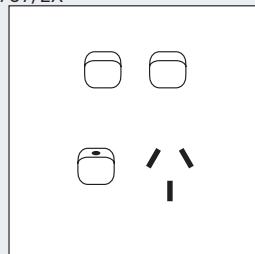
Square double powerpoints

SQ777
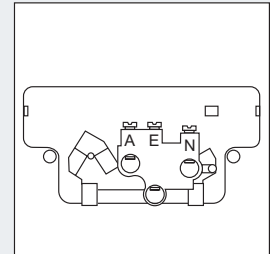
SQ777

Plate size: 114mm square. Mounting centres:
4 holes at 46mm horizontal and 84mm vertical
and 2 holes at 84mm horizontal on centre line

Square single powerpoints with 2 extra switches
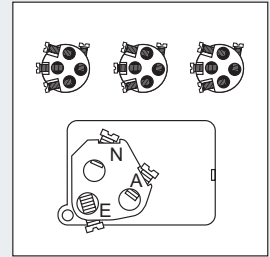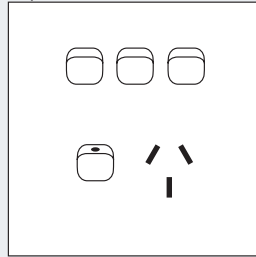
SQ787/2X

Cat No.
SQ787/2X

Plate size: 114mm square. Mounting centres: 4
holes at 46mm horizontal and 84mm vertical

Square single powerpoints with 3 extra switches

SQ787/3X

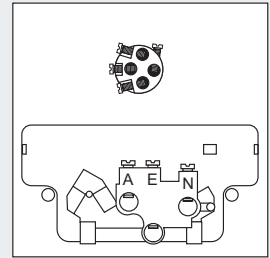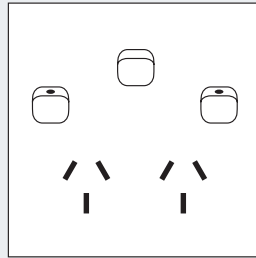| SQ787/3X | Plate size: 114mm square. Mounting centres: 4 holes at 46mm horizontal and 84mm vertical |

Square double powerpoints with extra switch

SQ777X

| SQ777X | Plate size: 114mm square. Mounting centres: 4 holes at 46mm horizontal and 84mm vertical |

Single powerpoints, DIN rail mounting

787DIN

TOP OF RAIL   53mm   TOP OF ESCUTCHEON

35 X 7.5MM DIN RAIL   DIN POWER POINT

Cut out: 30 x 50

CUT OUT   3mm dia

61.5mm

| 787DIN | Plate size: 67 x 44mm |