

PDL WPSERIES

Modern weather protected domestic accessories

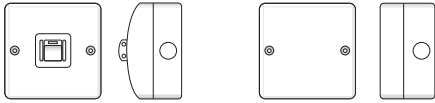
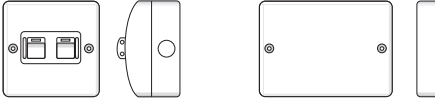
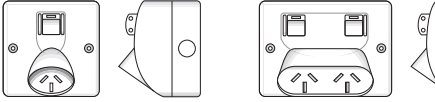
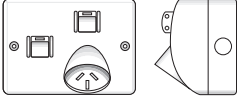
The next generation



- Merlin Gerin
- Modicon
- PDL
- Square D
- Telemecanique

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Product brief		Cat. No	WSW201, WSW202, WSO310, WSO315, WSO310X, WSO310/2, WJ1, WJ2
 <p>WSW201 WJ1</p>	 <p>WSW202 WJ2</p>	Description	Weather protected single and double switches (IP56), single and double sockets, single socket with extra switch (IP53) and single and double junction boxes (IP56)
 <p>WSO310 WSO310/2</p>	 <p>WSO310X</p>	Colours available	Light grey
		Carton quantities	Inner: 1, Outer: 6
		Product available	19 May 2003

Introduction

The new WP Series range is the latest addition to the extensive PDL Electrical Products offer, providing numerous features for both contractors and consumers alike. The product range was developed after careful consultation with electrical contractors both in New Zealand and Australia to ensure the product range addressed many of the issues associated with similar offerings currently available.

Features and benefits

Feature	Application	Benefit
Switched socket outlets have an angled plug face along with logical socket orientation	Alternative products have plug faces underneath and reverse socket orientation	Easier insertion of plug
Single sized base for switches and sockets and have a square profile with 90 degree mounting options	Alternative products do not always allow for varying mounting options	Easier installation, versatile and flexible fixing options
Socket outlets have clear and well laid out connection terminals	More space, and easy access reducing the risk of error during installation	Cost effective through ease of installation
Single sockets rated up to 250Vac 15A	Provides a greater range of options for the contractor	More application requirements can be satisfied for the consumer
Safety shutters fitted behind all pins on sockets	Stops foreign objects being inadvertently pushed into pin holes	Provides additional safety and consumer peace of mind
Latest technology materials utilised	Superior UV protection impact strength and additional chemical resistance when compared with polycarbonates.	Extended product life providing more consumer satisfaction

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IP Chart

1st Figure

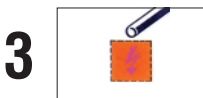
Protection against foreign solid objects



Protected against solid bodies larger than 50mm (e.g. hand).



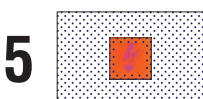
Protected against solid bodies larger than 12mm (eg finger of the hand).



Protected against solid bodies larger than 2.5mm (eg tools, wire).



Protected against solid bodies larger than 1mm (eg fine tools and small wires).



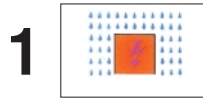
Protected against dust (no harmful deposits).



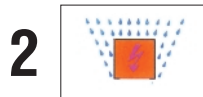
Completely protected against dust.

2nd Figure

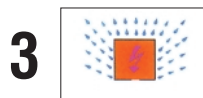
Protection against harmful ingress of water



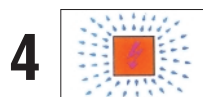
Protected against vertically falling drops of water.



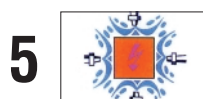
Protected against drops of water falling at up to 15° from the vertical.



Protected against spraying water at up to 60° from the vertical.



Protected against splashing water from all directions.



Protected against jets of water from all directions.



Protected against jets of water of similar force to heavy seas.

Key attributes

Universal attributes

- All WP Series product supplied complete with base and accessories pack.
- Bases come in 2 sizes and are universal to switches, sockets and junction boxes.
- 7 mounting points are provided for ease of installation.
- Cable entry options from all sides including rear.
- Comprehensive accessories pack includes reducers, bungs and caps.
- Single base provides for 90° mounting orientation option.
- Designed to allow WP covers to be fixed to the bases with just 2 stainless screws.
- Stainless mounting screws 'captured' eliminating the possibility of falling out during installation.
- Drill through drain hole options provided in all bases.
- Channelled gasket design ensures correct seating every time.
- Latest technology materials ensure superior UV protection and impact strength.
- Aesthetically pleasing design.

Switches

- 20A switch mechs are provided as standard allowing a wider range of applications to be satisfied.
- Full IP56 rating (see chart).
- Well laid out, large clearly marked terminals for ease of installation.
- Facility to padlock off.
- Large size switch toggles consistent with PDL 600 Designer Series.

Sockets

- 10Amp rating as standard.
- 15Amp single socket option available.
- Single socket with extra switch option available.
- Internal phase wiring from switch to socket.
- Full IP53 rating (see chart).
- Bridging wires pre-wired in WSO310/2 to allow for single or separate circuit wiring (terminated one side only).
- Well laid out, large clearly marked terminals for ease of installation.
- Facility to padlock off.
- Large size switch toggles consistent with 600 Designer Series.

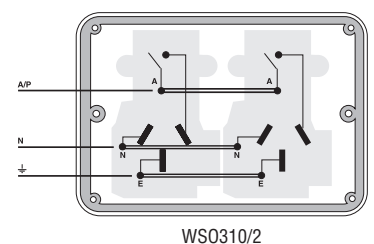
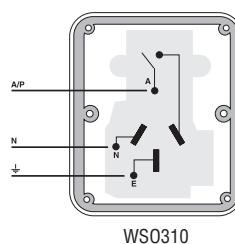
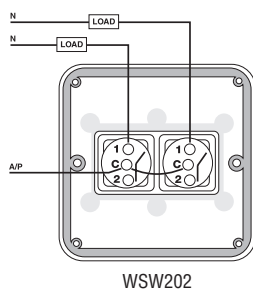
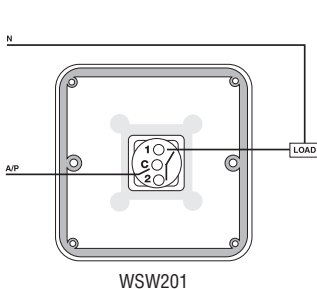
Junction Boxes

- Drilling guides are provided on the rear of the front cover specifically for the installation and mounting of push button stations.
- Full IP56 rating (see chart).

General applications and usages



The WP Series has been developed utilising the latest technology materials ensuring the most stringent application demands can be met. The range is predominantly suited to the residential and light commercial areas with typical applications including residential outdoor entertainment areas, residential outdoor handyman areas, where portable appliances are utilised, outdoor commercial lighting, power control, portable buildings, portable air-conditioning units, external lighting control, and many more.

Wiring diagrams



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Specifications at 25°C		
Switches		
	Supply voltage	250Vac
	Frequency	50Hz
	Switches	IP56 – weather protected
	Ratings	20A resistive, 20AX highly inductive, 16A fluorescent M60
	Complies with	AS/NZS3100, AS3133 and AS1939
	Operating temp	-10 to 40°C
	Dimensions	84mm (h) x 84mm (w) x 72mm (d)
Sockets		
	Supply voltage	230-240Vac
	Frequency	50Hz
	Switches	IP53 – weather protected
	Ratings	10A and 15A options available in single outlets, 10A double
	Complies with	AS/NZS3100, AS/NZS3112 and AS1939
	Operating temp	-10 to 40°C
	Dimensions	WSO310, WSO315 84mm (h) x 84mm (w) x 85mm (d) WSO310/2, WSO310X 84mm (h) x 120mm (w) x 85mm (d)

Ordering information			
PDL item no.	Catalogue no. / description	Barcode no.	Box qty
Switches			
WSW201GY	WSW201 single switch 20A	9416175198007	6
WSW202GY	WSW202 double switch 20A	9416175199967	6
Sockets			
WSO310GY	WSO310 single socket 10A	9416175197079	6
WSO3102GY	WSO310/2 double socket 10A	9416175198717	6
WSO310XGY	WSO310X single socket 10A with extra switch 20A	9416175198700	6
WSO315GY	WSO315 single socket 15A	9416175198014	6
Junction boxes			
WJ1GY	WJ1 single junction box	9416175198724	6
WJ2GY	WJ2 double junction box	9416175198731	6

PDL Electrical Products are available through electrical wholesalers New Zealand wide. Visit our website www.schneider-electric.co.nz. PDL Electrical Products are designed and engineered to ISO 9001. Email: sales@nz.schneider-electric.com. Tel 0800 652 999. Fax 0800 101 152.

Schneider Electric (NZ) Ltd, Head Office
14 Charann Place, Avondale
PO Box 15355, New Lynn
Tel +64 9 829 0490
Fax +64 9 829 0491

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