# SAL

# SMARTER
# LIGHTING
# CHOICES

## SINCE 1998

**INTERIOR LIGHTING**

**EXTERIOR LIGHTING**

**SMART LIGHTING
CONTROLS**

ELECTRICAL ACCESSORIES

# ELECTRICAL ACCESSORIES

An innovative selection of
residential and commercial
electrical accessories.

| P472 | CONNECT SERIES | P474 | SMART PLUG ESS105/BT | P475 | ACCESSORIES |
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| P480 | MASTER DIM SDD350UM | P481 | SECOND. DIM SDD300US | P482 | UNI. ROTARY SDD400U | P483 | UNI. ANA. DIM SDA450U |
|------|---------------------|------|----------------------|------|---------------------|------|-----------------------|

**DID YOU KNOW?**
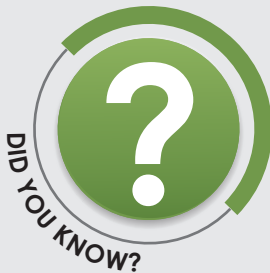
In the interest of safety and product performance, all electrical accessory components are covered by mandatory Australian and International Safety Standards. Always look out for the RCM logo on the product and if in doubt, check the compliance via your local Electrical regulator.

*Need more information on product approvals ? Check out the SAL web FAQ's or speak to your local SAL team member.*

# QUICK CONNECT ESS101 SURFACE SOCKET

Quick connect inline socket 240V / 10A rated

## SURFACE SOCKET ESS102

Standard surface socket 240V / 10A rated, compliant to AS/NZS3112:2017

### Application

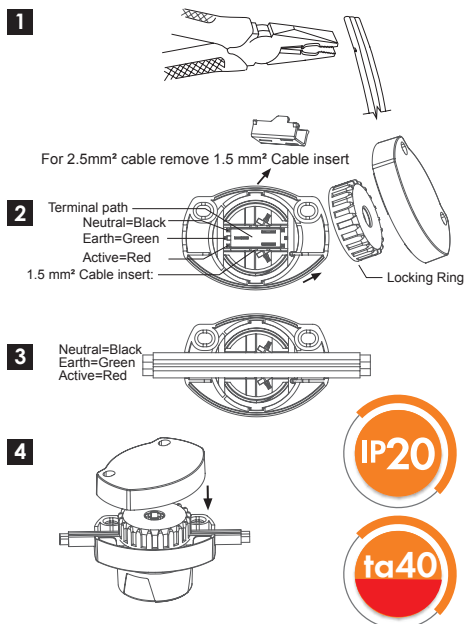Australian approved electrical accessories, saving installation time and money

ESS101          ESS102

### ESS101 Installation Instructions

1. Remove a slight piece of outer sheathing ONLY to check wire colours for polarity identification.

2. Rotate the rear cover to remove the locking ring.
   Note: When connecting 2.5 mm² cable, the 1.5mm² cable size insert needs to be removed.

3. Place cable into terminal path. Ensure correct polarity by following colour coding on the terminal path.

4. Align rectangle ribs with terminal path, push the locking ring and rear cover back down & twist clockwise until it is firmly tightened with the body.

**1**

For 2.5mm² cable remove 1.5 mm² Cable insert

**2**  Terminal path
Neutral=Black
Earth=Green
Active=Red
1.5 mm² Cable insert:
Locking Ring

**3**  Neutral=Black
Earth=Green
Active=Red

**4**

IP20

ta40

### Technical Specifications

| Model No. | Input (V)/(Hz) | Max. Loads | Dimensions (L x W x H mm) | Type | Suitable Cable Conductor |
|-----------|----------------|------------|---------------------------|------|--------------------------|
| ESS101 | 240/50 | 10A | 71 x 51 x 51 | Quick connect | 1.5mm, 2.5mm stranded |
| ESS102 | 240/50 | 10A | 66 x 56 | Surface | 1mm, 1.5mm, 2.5mm solid or stranded |

For terms and conditions of catalogue data use, refer to INDEX
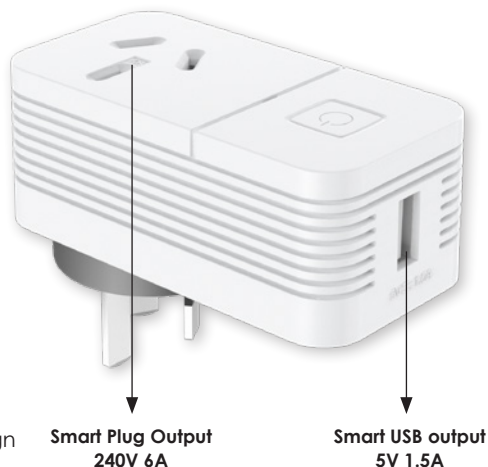
# PORTABLE SMART PLUG ESS105/BT

Australian approved portable three pin 240V, 6A plug

## Application

Portable surface plug,
ideal for the office or home

## Design Specifications

- Australian approved three pin portable 240V, 6A plug, compliant to AS/NZS 3105:2014, AS/NZS 60950.1:2015
- Integral USB port, 5V DC, 1.5A
- Bluetooth mesh technology, control your device with PIXIE or PIXIE Plus
- Durable polycarbonate construction
- Colour white, compact, low profile design
- Plug output and USB port can be controlled separately
- Programmable schedules for the plug output and USB port with PIXIE



**Smart Plug Output 240V 6A**

**Smart USB output 5V 1.5A**

## Dimensions



42 mm

83 mm

32.4 mm

62 mm
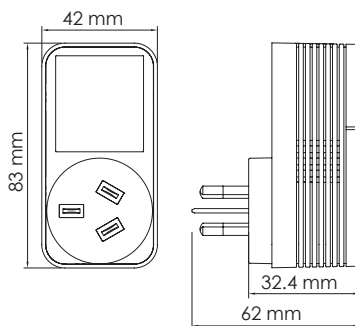
## Technical Specifications

| Model No. | Input (V)/(Hz) | Max. Loads | Dimensions (L x W x H mm) | Type |
|-----------|----------------|------------|---------------------------|------|
| ESS105/BT | 240/50 | 6A | 82 x 62 x 42 | Portable, three pin, USB |

For terms and conditions of catalogue data use, refer to INDEX

## 2 PIN FLEX & PLUG 2S9000

240V, 10Amp, Colour black

2S9000

## 3 PIN FLEX & PLUG 3S9000

3 x pin flex and plug, 3 x 0.75mm², 240V,
10Amp, Colour black:
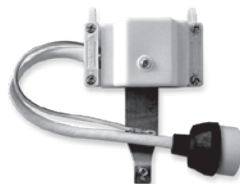3S9000 - 1200mm long
3S9000/2 - 2000mm long

3S9000

## GU10 LAMPHOLDER SGU9000LH

GU10 base lampholder,
250V maximum 2A rated

SGU9000LH

## ELV LAMP HOLDER S9000LH

S9000 LH push in MR16 base, rated voltage 25V,
rated current 5A

S9000LH

## E27 LAMPHOLDER SLH100

E27 lampholder, 250V Max. 100W rated

SLH100

For terms and conditions of catalogue data use, refer to INDEX

Linked in   ▶ YouTube

# SUSPENSION DROPS

Multi-function LED panel, weatherproof and linear extrusion suspension drops
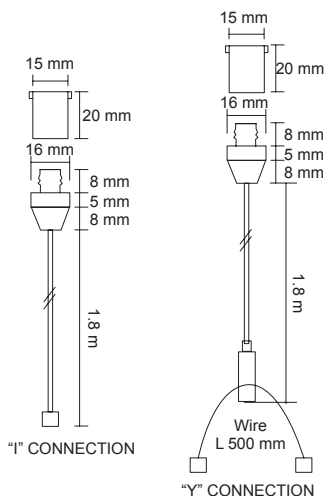
## Application

Panel, weatherproof and linear extrusion accessories for retail, residential and commercial applications

## Design Specifications

- M10 size ceiling attachment
- 1.2 mm stainless steel wire carrying weight up to 45 kg
- M10 size griplock system
- **NOTE for PANEL USE:** SSY and SSI codes represent one (1) wire drop only. Four (4) per panel are required for SSI and two (2) for SSY products

**IP20**

## Dimensions



15 mm
20 mm
16 mm
8 mm
5 mm
8 mm
1.8 m

"I" CONNECTION

15 mm
20 mm
16 mm
8 mm
5 mm
8 mm
1.8 m

Wire
L 500 mm

"Y" CONNECTION

## Technical Specifications

| Model No. | Colour | Length (mm) | Connection |
|-----------|--------|-------------|------------|
| SSI1512 | Stainless | 1800 | 'I' SUSPENSION DROP |
| SSY1512 | Stainless | 1800 | 'Y' SUSPENSION DROP |
| S9754SP6 | Stainless | — | PANEL SUSPEND. BRACKET for S9754 ONLY |

For terms and conditions of catalogue data use, refer to INDEX

# CONCRETE CAN INSERT S9913

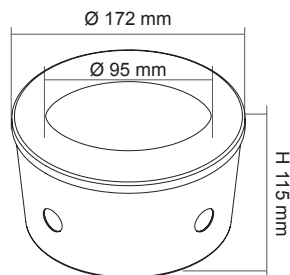Aluminium concrete can insert



## Application

Downlight accessory for concrete installation requirements

## Design Specifications

- Suitable SAL luminaires are: S9003, S9041, S9141, S9046, S9065, S9071, S9048, S9146
- Dimensions - H 115mm, D 172 mm, entry hole diameter 95mm
- Aluminium construction

## Dimensions



Ø 172 mm

Ø 95 mm

H 115 mm

IP20

## Technical Specifications

| Model No. | Internal (D) | Overall (D) | Dimensions (D x H) |
|-----------|--------------|-------------|--------------------|
| S9913 | 95 | 172 | Ø 172 x 115 |

**SAL**

# PORTABLE LED HEAD LAMP SHL008

Portable LED Head lamp

## Application

Super bright rechargeable LED head lamp, ideal for all tradies and outdoor camping activities

## Design Specifications

- Designed with a rechargeable Lithium battery for long life, 5 watt.
- Designed with dual switching, with full & half power or flashing
- Detachable long USB lead included
- Adjustable elasticated head strap
- Reliable performance with a 4 hour battery life from full charge
- High performance optical design with an adjustable beam angle, wide to narrow

Designed with two rechargeable long life Lithium batteries

Adjustable elasticated head strap

Detachable 600mm long USB2.0 lead included

High performance optical design with an adjustable beam

**IP20**   **ta25**

## Technical Specifications

| Model No. | Power (W) | Lumen (lm) | Operating Time | Recharing | Belt Colour | Dimensions (L x W x H mm) |
|-----------|-----------|------------|----------------|-----------|-------------|---------------------------|
| SHL008 | 5 | 300 | 4 hours | USB2.0 port | Black | 220 x 210 x 160 |

For terms and conditions of catalogue data use, refer to INDEX

**SAL**

# 1-10V DIMMER SDF30

1-10V analogue rotary
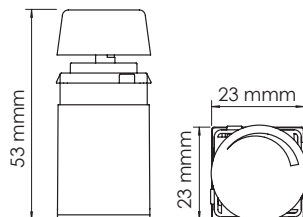dimmer and controller

## Application

Ideal for residential and commercial
lighting control requirements

## Design Specifications

- 1-10V rotary analogue dimmer
- Fit most popular switch plates
- Note: maximum quantity of connected
  devices is 30 or a maximum current sink
  of 50mA

## Dimensions

53 mmm

23 mmm

23 mmm

# ELV LAMP HOLDER S9000LH

S9000 LH push in MR16 base, rated voltage 25V,
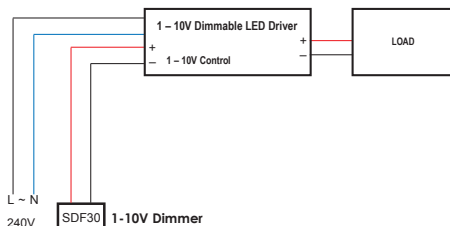rated current 5A

## Performance

Dimmable - Yes
Dimmer Type - 1-10V

# E27 LAMPHOLDER SLH100

E27 lampholder, 250V Max, 100W rated

IP20

DIMMABLE

## Wiring Diagram

1 – 10V Dimmable LED Driver

LOAD

+  +

–  1 – 10V Control  –

L ~ N
240V

SDF30   1-10V Dimmer

## Technical Specifications

| Model No. | Output (V DC) | Min / Max loads | Colour | Dimensions (L x W x H mm) | Operating Temp. |
|-----------|---------------|-----------------|--------|---------------------------|-----------------|
| SDF30 | 1-10 | < 30 PCS (Max. current sink 50mA) | White | 53 x 23 x 23 | 0 - 40 °C |

For terms and conditions of catalogue data use, refer to INDEX

Linked in   ▶ YouTube   PIXIE   PIXIE PLUS

**479**

# MASTER DIGITAL DIMMER SDD350UM
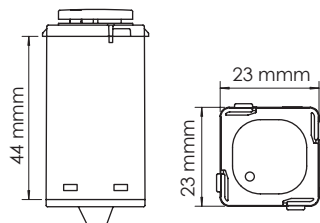
MASTER- universal digital dimmer

## Application

Smart lighting controls for residential and commercial applications

## Design Specifications

- Push button control trailing or leading edge digital dimming
- Colour temperature selection functionality is achieved when used with SAL S9841 or S9842 downlights
- Multiple-location dimming by connecting SDD350UM with any number of secondary dimmers SDD300US can be achieved.
- Fit most popular switch plates, three complimentary mech caps provided
- Overheating and over current protection, full short circuit protection
- Programmable minimum brightness level
- Compliant to AS/NZS60669.2.1
- Supports ceiling sweep & exhaust fan < 60 watt loads

## Performance
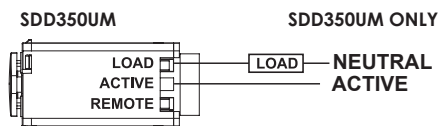
Dimmable - Yes
Dimmer Type - Trailing & Leading edge



## Dimensions



44 mmm · 23 mmm · 23 mmm

## Wiring Diagram

**SDD350UM**         **SDD350UM ONLY**



LOAD
ACTIVE
REMOTE

LOAD — **NEUTRAL**
**ACTIVE**

## Technical Specifications

| Model No. | Input (V)/(Hz) | Min / Max loads | Colour | Dimensions (L x W x H mm) | Operating Temp. |
|-----------|----------------|-----------------|--------|---------------------------|-----------------|
| SDD350UM  | 240/50         | 5W/300W         | White  | 44 x 23 x 23              | 0 - 40 °C       |

For terms and conditions of catalogue data use, refer to INDEX

# SECONDARY DIGITAL DIMMER SDD300US

SECONDARY- universal digital dimmer

## Application

Smart lighting controls for residential and commercial applications

## Design Specifications

- Push button control trailing or leading edge digital dimming via the MASTER connection
- Multiple-location dimming by connecting SDD350UM with any number of secondary dimmers SDD300US can be achieved.
  NOTE: the total length of the remote wire (>0.5mm²) used to interconnect all of the SDD300US should not exceed 50 metres.
- Fit most popular switch plates
- Overheating and over current protection, full short circuit protection
- Programmable minimum brightness level
- Compliant to AS/NZS60669.2.1

## ELV LAMP HOLDER S9000LH

S9000 LH push in MR16 base, rated voltage 25V, rated current 5A

## Performance

Dimmable - Yes

Dimmer Type - Secondary switch, dimming by SDD350UM

## E27 LAMPHOLDER SLH100

E27 lampholder, 250V Max. 100W rated



## Dimensions



44 mmm

23 mmm

23 mmm

## Wiring Diagram



SDD350UM — SDD350UM connected to SDD300US

LOAD
ACTIVE
REMOTE

LOAD — NEUTRAL
ACTIVE

SDD300US

ACTIVE
REMOTE

SDD300US
TO ADDITIONAL

## Technical Specifications

| Model No. | Input (V)/(Hz) | Min / Max loads | Colour | Dimensions (L x W x H mm) | Operating Temp. |
|---|---|---|---|---|---|
| SDD300US | 240/50 | 5W/300W | White | 44 x 23 x 23 | 0 - 40 °C |

Linked in ▶ YouTube

 **SAL**
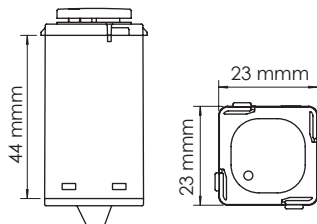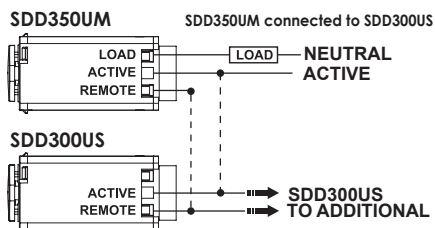
# UNIVERSAL ROTARY DIMMER SDD400U

Universal, multi-function digital dimmer 2 - 400W
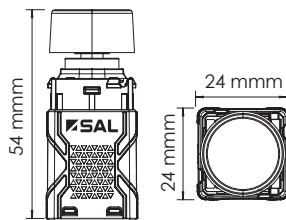
## Application

Residential and commercial lighting control requirements

## Design Specifications

- Multi-function trailing edge or leading edge digital dimmer with soft start technology and no neutral termination required
- 240V, load rating 2 - 400W, load compatibility and multi-gang configuration de-rating values, refer to the installation sheet
- Fit most popular switch plates
- Designed with over-heating protection, compliant with AS/NZS 60669 2.1
- Colour temperature selection functionality is achieved when used with SAL S9841 or S9842 downlights
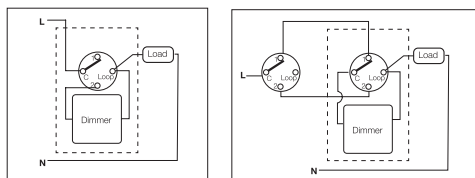
## Dimensions



54 mmm  24 mmm  24 mmm  24 mmm

## Performance

Dimmable - Yes
Dimmer Type - Trailing & Leading edge



DIMMABLE  IP20  ta40

## Wiring Diagram



## Technical Specifications

| Model No. | Input (V)/(Hz) | Min / Max loads | Colour | Dimensions (L x W x H mm) | Operating Temp. |
|---|---|---|---|---|---|
| SDD400U | 240/50 | 2W/400W | White | 54 x 24 x 24 | 0 - 40 °C |

For terms and conditions of catalogue data use, refer to INDEX

# UNIVERSAL ANALOGUE DIMMER SDA450U

Universal, multi-function analogue dimmer

## Application

Residential and commercial lighting control requirements

## Design Specifications

- Multi-function trailing edge or leading edge analogue lighting load dimmer with soft start technology
- 240V, maximum load up to 300W, minimum 5W rating
- Fit most popular switch plates
- Designed with over-heating protection, compliant with AS/NZS 60669 2.1
- Designed for single or two-way circuits
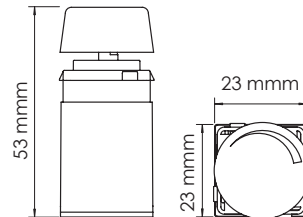
## ELV LAMP HOLDER S9000LH

S9000 LH push in MR16 base, rated voltage 25V, rated current 5A
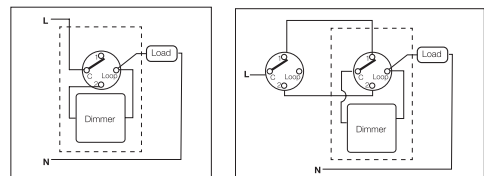
## Performance

Dimmable - Yes
Dimmer Type - Trailing & Leading edge

## E27 LAMPHOLDER SLH100

E27 lampholder, 250V Max. 100W rated

## Dimensions



53 mmm

23 mmm

23 mm

23 mm

## Wiring Diagram



## Technical Specifications

| Model No. | Input (V)/(Hz) | Min / Max loads | Colour | Dimensions (L x W x H mm) | Operating Temp. |
|---|---|---|---|---|---|
| SDA450U | 240/50 | 5W/300W | White | 53 x 23 x 23 | 0 - 40 °C |