

Wiring Accessories

## About CBI-electric: low voltage

CBI-electric: low voltage is a South African company with more than half a century of experience in the design and manufacture of a comprehensive range of technically advanced products for electrical protection.

It is the combination of experience and innovation with which we have maintained our position as leader in the marketplace - from the world's first high sensitivity RCD, and the use of hydraulic-magnetic technology in residential and industrial applications, to the more recently launched compact and technologically QA17 earth leakage.

In addition to our comprehensive product offering, CBI offers a range of wiring accessories, perfect for complementing the interior design of any home or office. The three ranges available are as follows:

- Plastic (available in White and Silver Shimmer)
- Metal (White)
- Brushed Stainless Steel

The ranges are aesthetically pleasing and have flexible designs for ease of installation. One of the novel features of the Plastic and Metal ranges is a fluorescent green insert that serves as a useful indicator light in a dark room. This characteristic is indicative of the contemporary design of the ranges, which successfully marries functionality with aesthetics.

In addition, to ensure easy integration into existing offices and homes, the range is compatible with commonly used base plates and housings.

Our commitment to safety and quality is evident in the fact that our ranges hold SABS approvals, approved to:

- |              |                      |                    |
|--------------|----------------------|--------------------|
| • SANS 164-0 | • SANS / IEC 60669-1 | • SANS / IEC 60950 |
| • SANS 164-1 | • SANS / IEC 60884-1 | • VC 8003          |
| • SANS 164-2 | • SANS / IEC 60947-3 | • VC8008           |





## Plastic Range Wiring Accessories



Fluorescent  
Insert



### Features

- Unique fluorescent insert
- Easy to install
- Variety of inserts available
- Ease of operation
- Convenient removal and replacement of surround

### Technical Specifications

- Voltage: 250 Vac
- Current rating: 16 A

### Light Switches (2 x 4 - 250 Vac, 16 A, IP20)



L120-P/ L121-P



L122-P/ L123-P



L124-P



L125-P

Product Code	Product Description	Product Code	Product Description
L120-P	1 Lever 1 Way Light Switch White	L120C03-T	1 Lever 1 Way Light Switch Silver Shimmer
L121-P	1 Lever 2 Way Light Switch White	L121C03-T	1 Lever 2 Way Light Switch Silver Shimmer
L122-P	2 Lever 1 Way Light Switch White	L122C03-T	2 Lever 1 Way Light Switch Silver Shimmer
L123-P	2 Lever 2 Way Light Switch White	L123C03-T	2 Lever 2 Way Light Switch Silver Shimmer
L124-P	3 Lever 1 Way Light Switch White	L124C03-T	3 Lever 1 Way Light Switch Silver Shimmer
L125-P	4 Lever 1 Way Light Switch White	L125C03-T	4 Lever 1 Way Light Switch Silver Shimmer

## Plastic Range Wiring Accessories

### Light Switches (4 x 4 - 250 Vac, 16 A, IP20)


**L126-P**

**L127-P**

Product Code	Product Description	Product Code	Product Description
L126-P	4 Lever 1 Way Light Switch White	L126C03-T	4 Lever 1 Way Light Switch Silver Shimmer
L127-P	6 Lever 1 Way Light Switch White	L127C03-T	4 Lever 1 Way Light Switch Silver Shimmer

### Blanking / Grid Plates


**G000-P**

**G001-P**

**G002-P**

**G003-P**

**G009-P**

**S013-P**

Product Code	Product Description	Product Code	Product Description
G000-P	Grid Plate 1LVR White	G000C03-T	Grid Plate 1LVR Silver Shimmer
G001-P	Grid Plate 2LVR White	G001C03-T	Grid Plate 2LVR Silver Shimmer
G002-P	Grid Plate 3LVR White	G002C03-T	Grid Plate 3LVR Silver Shimmer
G003-P	Grid Plate 4LVR White	G003C03-T	Grid Plate 4LVR Silver Shimmer
G009-P	Grid Plate Blank White	G009C03-T	Grid Plate Silver Shimmer
S013-P	Surround		

### Blanking / Grid Plates


**G004-P**

**G005-P**

**S014R-P**

**G010-P**

Product Code	Product Description	Product Code	Product Description
G004-P	Grid Plate 1LVR White		
G005-P	Grid Plate 2LVR White		
S014R-P	Surround 2 Piece Top & Bot		
G010-P	Grid Plate Blank White	G010C03-T	Blank Silver Shimmer

## Plastic Range Wiring Accessories

### Switched Socket Outlets (2 x 4 - 250 Vac, 16 A, IP20)



PS672-P



PS673-P



PS681-P

Product Code	Product Description	Product Code	Product Description
PS672-P	Single Switched Socket Outlet Vertical Standard White	PS672C03-T	Single Socket Outlet Silver Shimmer
PS673-P	Single Switched Socket Outlet Standard Horizontal White	PS673C03-T	Single Socket Outlet Horizontal Silver Shimmer
PS681-P	SA/EU combined Socket Outlet Vertical White	PS681C03-T	SA/EU combined Socket Outlet Vertical Silver Shimmer

### Switched Socket Outlets (4 x 4 - 250 Vac, 16 A, IP20)



PS674R-P



PS675R-P



PS680-P



PS682R-P



PS683R-P



PS685USB-P

Product Code	Product Description	Product Code	Product Description
PS674R-P	Single Switched Socket Outlet White	PS674C03-T	Single Switched Socket Outlet Silver Shimmer
PS675R-P	Double Switched Socket Outlet White	PS675C03-T	Double Switched Socket Outlet Silver Shimmer
PS680-P	SA/EU combined Switched Socket Outlet White	PS680C03-T	SA/EU combined Switched Socket Outlet Silver Shimmer
PS682R-P	6 Way Euro Socket Outlet		
PS683R-P	Single Switched Socket Outlet with 3 x 5 A Euro Sockets		
PS685USB-P	USB / SA / Euro Switched Socket Outlet	PS685USBC03-T	USB / SA / Euro Switched Socket Outlet Silver Shimmer

### Unswitched Socket Outlets (250 Vac, 6 A, IP20)



PS679-P

Product Code	Product Description
PS679-P	Unswitched Socket Outlet Round White

## Plastic Range Wiring Accessories

### Dedicated Switched Socket Outlets (4 x 4 - 250 Vac, 16 A, IP20)



PS676R-P



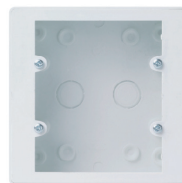
PS677R-P

Product Code	Product Description
PS676R-P	Single Switched Dedicated Socket Outlet Red
PS677R-P	Double Switched Dedicated Socket Outlet Red

### Surface Mount Outlet Boxes



OB690



OB878

Product Code	Product Description
OB690	Surface Mount 2 X 4 Outlet Box (Plastic)
OB878	Surface Mount 4 X 4 Outlet Box (Plastic)

### Switch Disconnectors (4 x 4 - 2 and 3 Pole, 250 Vac, 60 A, IP20)



I129-P / I131-P

Product Code	Product Description	Product Code	Product Description
I129-P	Stove Isolator 2P White	I129C03-T	Stove Isolator 2P Silver Shimmer
I131-P	Stove Isolator 3P White	I131C03-T	Stove Isolator 3P Silver Shimmer

## Plastic Range Wiring Accessories

### Switch Disconnecter (2 x 4 - 2 Pole, 250 Vac, 30 A, IP20)



I130-P

Product Code	Product Description	Product Code	Product Description
I130-P	Geyser Isolator 2P White	I130C03-T	Geyser Isolator 2P Silver Shimmer

### TV & Telephone Socket Outlets and Bell Push (2 x 4 - 250 Vac, 16 A, IP20)



TV678-P



B133-P



T686-P

Product Code	Product Description	Product Code	Product Description
TV678-P	Single TV Socket Outlet White	TV678C03-T	Single TV Socket Outlet Silver Shimmer
B133-P	Bell Push Socket Outlet White	B133C03-T	Bell Push Socket Outlet Silver Shimmer
T686-P	Single Telephone Socket Outlet (RJ11) White	T686C03-T	Single Telephone Socket Outlet (RJ11) Silver Shimmer

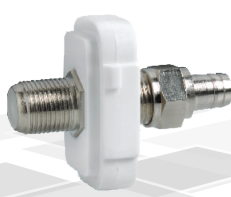
### Neon, TV, DSTV and Telephone Inserts



II662-P



DI645-P



TVI664-P



TVI663-P



TI657-P

Product Code	Product Description	Product Code	Product Description
II662-P	Indication Light Insert Red		
TI657-P	Telephone Socket Insert RJ11 White	TI657C03-T	Telephone Socket Insert RJ11 Silver Shimmer
TVI663-P	Standard TV Connection Insert	TVI663C03-T	Standard TV Connection Insert Silver Shimmer
TVI664-P	DSTV Connection Insert	TVI664C03-T	DSTV Connection Insert Silver Shimmer
DI645-P	Data Socket Insert (RJ45)		



## Plastic Range Wiring Accessories

### Switch Inserts (IP20)



LI659-P



LI660-P



LI661-P



LI662-P



LI663-P / II663-P



BI661-P

Product Code	Product Description	Product Code	Product Description
LI659-P	Light Switch Insert 1 Way 16 A White	LI659C03-T	Switch Insert 1 Way Silver Shimmer
LI660-P	Light Switch Insert 2 Way 16 A White	LI660C03-T	Switch Insert 2 Way Silver Shimmer
LI661-P	Dimmer Switch Insert 16 A White	LI661C03-T	Dimmer Switch Insert 16 A Silver Shimmer
LI662-P	Blank Switch Insert White	LI662C03-T	Blank Switch Insert Silver Shimmer
LI663-P	2P Switch Insert 16 A White	-	-
II663-P	2P Switch Insert 20 A White	II663C03-T	2P Switch Insert 20 A Silver Shimmer
LI664-P	Intermediate Switch Insert 16 A White	LI664C03-T	Intermediate Switch Insert 16 A Silver Shimmer
BI661-P	Bell Push Insert 4 A White	BI661C03-T	Bell Push Insert 4 A Silver Shimmer

### Switch Advantage Colour Option - Silver Shimmer

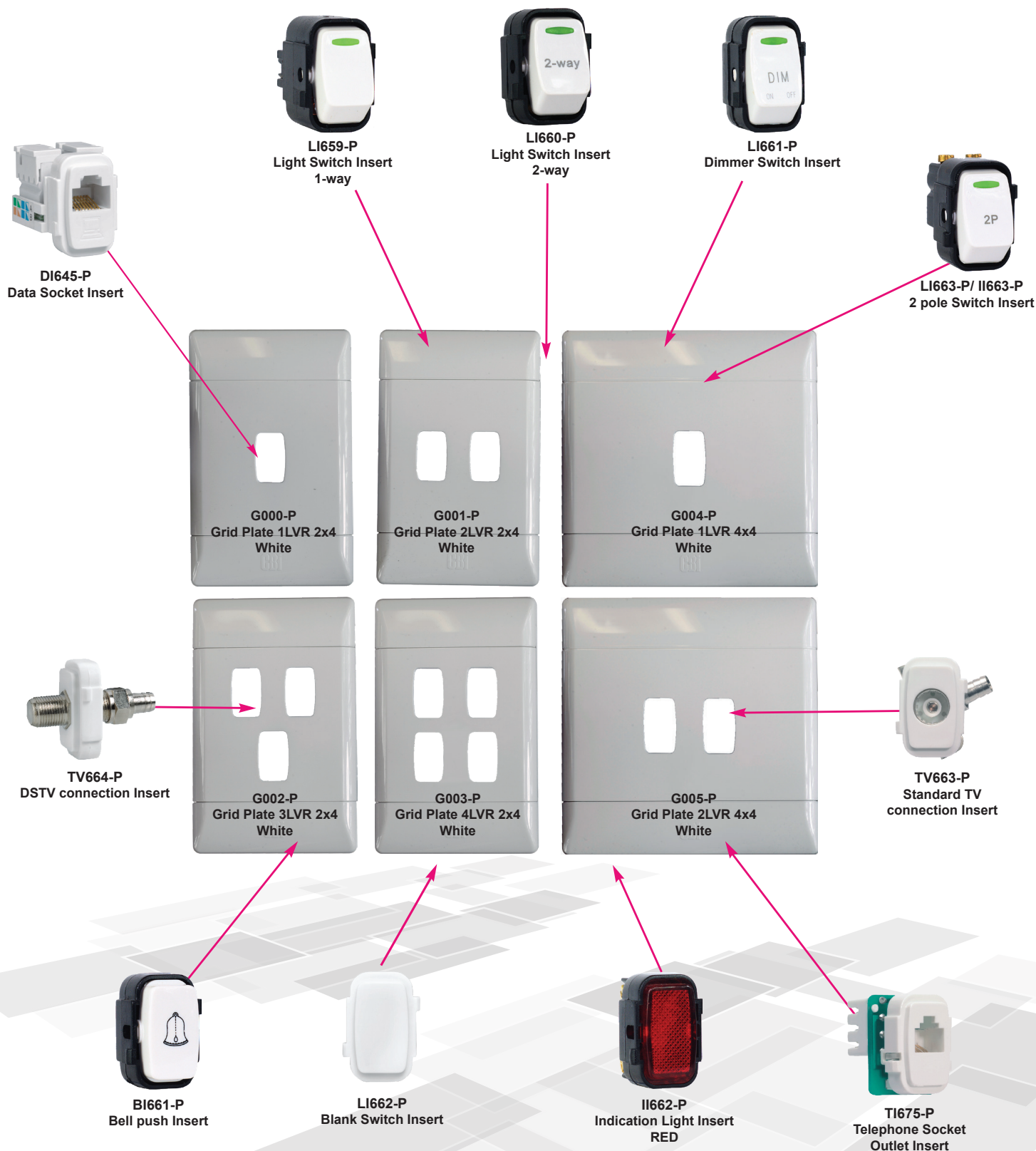
The plastic range is also available in Silver Shimmer.





## Plastic Range Grid Plate Selection Guide

Switch to Flexibility...



## Brushed Stainless Steel Range Wiring Accessories



Screwless  
Cover Plate



### Features

- Aesthetically pleasing
- Standard 2 way Switch
- Screwless base plates
- SA/ 3pin Euro Socket Outlet combo

### Technical Specifications

- Voltage: 250 Vac
- Current rating: 16 A

### Light Switches (2 x 4 - 250 Vac, 16 A, IP20)



V1S/JOS42/SSGINT



V1S/JOS42/SS1G2W



V1S/JOS42/SS2G2W



V1S/JOS42/SS3G2W



V1S/JOS42/SS4G2W

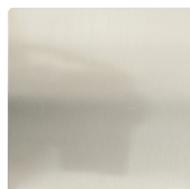
Product Code	Product Description
V1S/JOS42/SSGINT	1G Intermediate Switch
V1S/JOS42/SS1G2W	1G 2 Way Light Switch
V1S/JOS42/SS2G2W	2G 2 Way Light Switch
V1S/JOS42/SS3G2W	3G 2 Way Light Switch
V1S/JOS42/SS4G2W	4G 2 Way Light Switch

## Brushed Stainless Steel Range Wiring Accessories

### Blanking / Grid Plates



V1S/JOS42/SSBP



V1S/JOS44/SSBLANK

Product Code	Product Description
V1S/JOS42/SSBP	Blanking Plate 2x4
V1S/JOS44/SSBLANK	Blanking Plate 4x4

### Switched Socket Outlets (4 x 4 - 250 Vac, 16 A, IP20)



V1S/JOS44/SSSSS



V1S/JOS44/SSDSS



V1S/JOS44/SSSSES

Product Code	Product Description
V1S/JOS44/SSSSS	Single Switched Socket Outlet
V1S/JOS44/SSDSS	Double Switched Socket Outlet
V1S/JOS44/SSSSES	Switched Socket + Euro Socket Outlet

### Switch Disconnectors (4 x 4 - 2 and 3 Pole, 250 Vac, 60 A, IP20)



V1S/JOS44/SSSS60A3P

Product Code	Product Description
V1S/JOS44/SSSS60A3P	Stove Isolator 60 A 3 Pole Switch



## Brushed Stainless Steel Range Wiring Accessories

TV, Telephone Socket Outlets and Bell Push (2 x 4 - 250 Vac, 16 A, IP20)



V1S/JOS42/SSDBS



V1S/JOS44/SSTVSAT



V1S/JOS44/SSRJ11/44

Product Code	Product Description
V1S/JOS42/SSDBS	Bell Switch (4 x 2)
V1S/JOS44/SSRJ11/44	RJ11 Phone Socket + RJ45 Internet Socket (4 x 4)
V1S/JOS44/SSTVSAT	TV & Satellite Outlet (4 x 4)

## Inserts

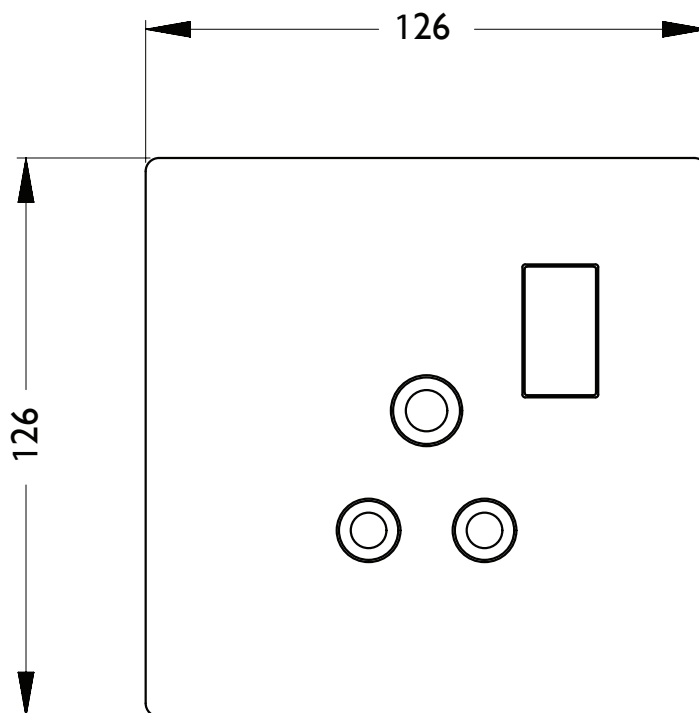
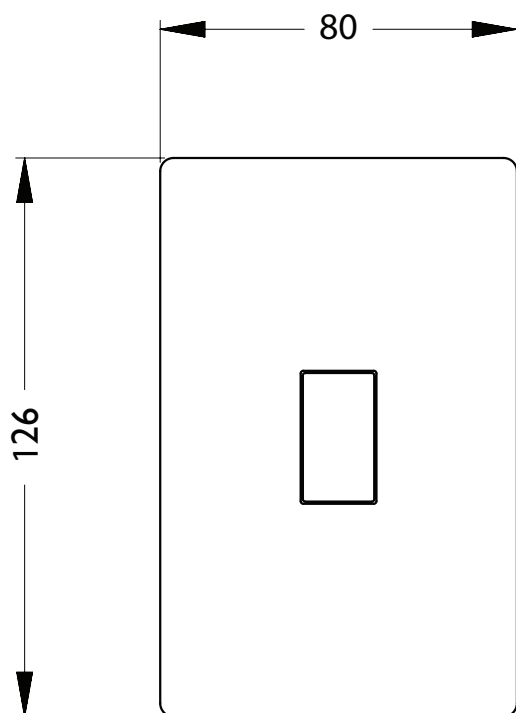


V1S/JOS42/SSDIM

Product Code	Product Description
V1S/JOS42/SSDIM	Bell Switch Module Metal Rocker

### Wiring Accessories

#### Outline Dimensions: Dual mount



## D500LED-P Dimmer Trailing Edge



### Features

- Improved functionality
- Now compatible with incandescent and halogen lamps
- The CBI D500LED-P Dimmer is also compatible with the following dimmable LED lights:
  - Aurora
  - EcoLED
  - NVC
  - Osram
  - Philips
  - Radiant
- *For specific lamp specifications and more compatible brands, please contact CBI*
- Press switch once for ON or OFF operations
- Press and hold switch to dim to required level
- Silent operation
- Short circuit, thermal & overload protection
- Two-way & intermediate switching is possible without using an additional strapper wire

### Pre-settings

- Press switch 2x to activate 50% Energy Saving Setting (E.S.S)
- Press switch 5x (Security Setting) - this will result in an automatic random change in the lights intensity
- To reset for normal use, press switch once

### Power Interruption

**When power is restored after a Power Interruption, the lights will:**

Remain OFF if they were off

or

Switch ON automatically at 50% E.S.S. if they were on prior to interruption

### Technical Specifications

#### Operation:

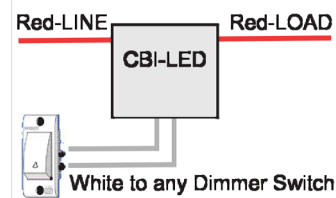
- Press dimmer (bell-press) switch once to turn on or off
- Press and hold switch to dim up or down, release switch at desired light level

#### Memory:

- Lights will turn on to the same level as when it was turned off if power is not interrupted
- After a power failure: if lights were off, it will remain off
- After a power failure: if the lights were on, it will revert to 50% intensity to conserve energy

#### Installation:

- By a qualified electrician in compliance with local code of practice
- Wire according to wiring diagram (NEVER connect white control wires to live)
- Only one dimmer per wall box
- Internal use only
- Two way switching: connect the two white wires to other switch (NO live strapper)





## D500LED-P Dimmer Trailing Edge

Load compatibility and maximum ratings:

	Dimming Method	Wire Wound & Inductive Loads	230 Vac, Resistive & Electronic low voltage	230 Vac & 12 V LED **	Fluorescent & CFL	230 Vac Incandescent & Halogen
<b>D500LED-P</b>	Trailing	NOT Compatible	500 V A, 2.1 A max	500 V A, 2.1 A max	NOT Compatible	500 V A

\* Min. load = 3 - 10 W (depending on type of load). Max load = (Dimmer VA rating) x (Load power factor)

\*\* Only compatible with low voltage dimmable LED lamps with approved electronic transformers

CBI LED dimmers are compatible with incandescent and halogen lamps, as well as LED lamps from major LED suppliers: Osram, Philips, Samsung, Verbatim, Aurora, GE. Check with LED lamp suppliers for compatibility if uncertain.

One year carry-in warranty. Standard terms and conditions apply. Warranty void if seal is broken.

Patent: 2007/4502, SANS 60669-2-1, EN 61046, EN 61047, ISO 9001:2008 (KIWA)

Designed and manufactured in South Africa

~ 230VAC, 50Hz, IP20



## Technical Data

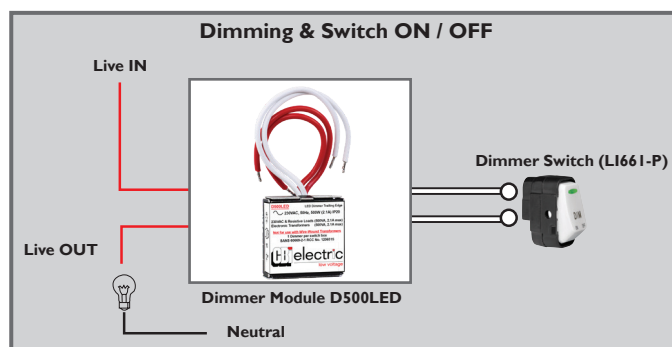
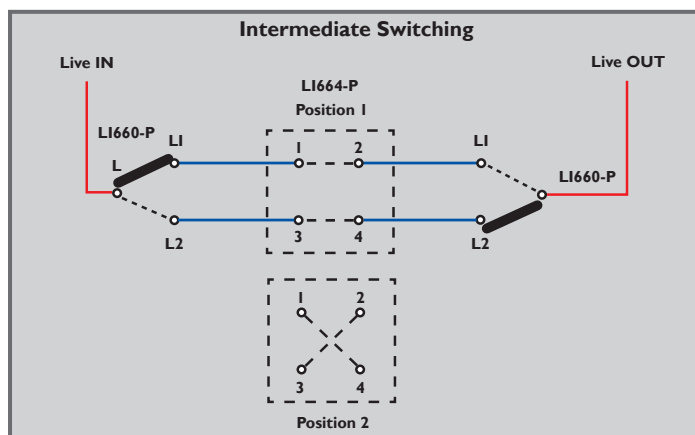
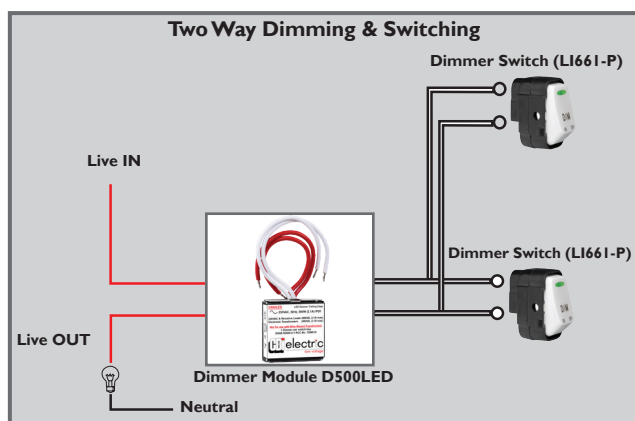
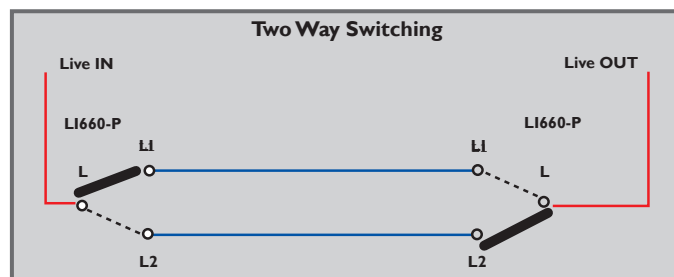
Product Type		D500LED-P
Operating Voltage Range		190 - 253 Vac, 50 Hz + 5%
Compatible with Transformers Using:		Trailing and Leading Edge Technology
Maximum Load Power @ 230 Vac:		500 W (2.1 A)
- Electronic Transformer		500 W (2.1 A)
Approvals	SANS	60669-2-1
RCC No.		0603019
Dimensions (HxWxD)		42 mm x 42 mm x 13 mm

500 W Universal Dimmer D500LED-P		
Load Tables	Minimum Load	Minimum Load
12 V Low Voltage Electronic Transformer	3 W	500 W
230 Vac Mains Incandescent Halogen		
230 Vac Mains Incandescent LED Lamps		

\* Not suitable for use with fluorescent or compact fluorescent lights

### D500LED-P Dimmer Trailing Edge

#### Wiring diagrams



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