



Dimmer Switches (Modular)



The smooth modern lines of the Definity accessory plate will fit easily into traditional and contemporary designs alike.

Definity Screwless dimmer switches are developed largely for use with Tungsten, Halogen and Low Voltage lamps. The dimmer switches are interchangeable with the dimmer modules used in the MINIGRID range.

Dimmer Switches (Modular)

Product Range

Finish Comparison



Brushed Steel (BS)



Matt Black (BK)



Polar White (PW)



Polished Chrome (CH)



Stainless Steel (SS)



Matt Black, Chrome Knobs (BKCH)

Dimmer Switches (Modular)

Product Range

Dimmer Switch Inserts For Tungsten, Halogen & Low Voltage

SIN140	1 Gang 2 Way 400W/Va Resistive/Inductive Dimmer Switch Insert
SIN141	1 Gang 2 Way 250W/Va Resistive/Inductive Dimmer Switch Insert
SIN142	2 Gang 2 Way 250W/Va Resistive/Inductive Dimmer Switch Insert
SIN143	3 Gang 2 Way 250W/Va Resistive/Inductive Dimmer Switch Insert
SIN144	4 Gang 2 Way 250W/Va Resistive/Inductive Dimmer Switch Insert



SIN140, SIN141



SIN142



SIN143



SIN144

Dimmer Switches (Modular)

Product Range

Dimmer Mounting Plate Inserts

SIN141PL	1 Gang 2 Way Dimmer Plate Insert 650W Max (Single Plate)
SIN142PL	2 Gang 2 Way Dimmer Plate Insert 800W Max (Single Plate)
SIN143PL	3 Gang 2 Way Dimmer Plate Insert 1200W Max (Double Plate)
SIN144PL	4 Gang 2 Way Dimmer Plate Insert 1600W Max (Double Plate)



SIN141PL



SIN142PL



SIN143PL



SIN144PL

Dimmer Switches (Modular)

Product Range

Rotary Dimmer Switches Cover Plates

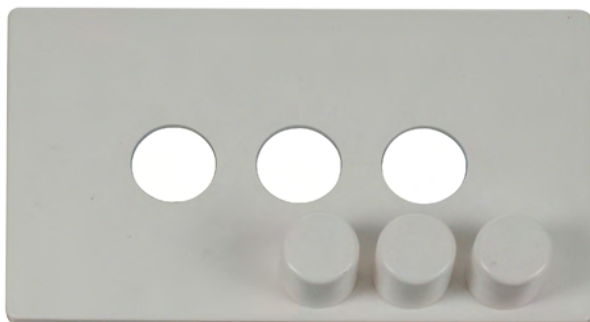
SCP241**	1 Gang Dimmer Switch Cover Plate
SCP242**	2 Gang Dimmer Switch Cover Plate
SCP243**	3 Gang Dimmer Switch Cover Plate
SCP244**	4 Gang Dimmer Switch Cover Plate



SCP241BS



SCP242CH



SCP243PW

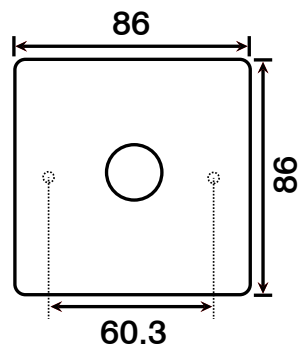


SCP244SS

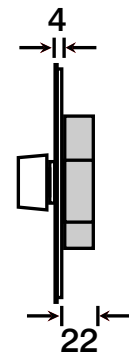
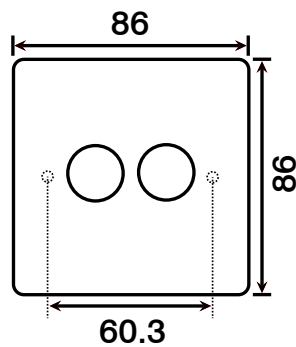
Dimmer Switches (Modular)

Product Dimensional Drawings (mm)

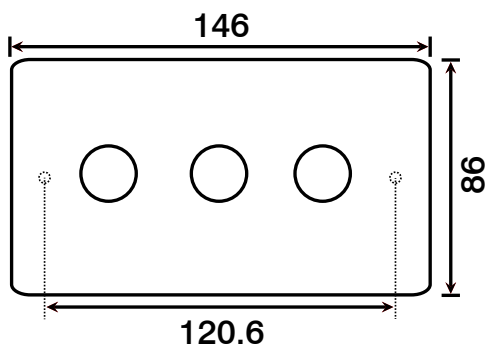
SIN140, 141



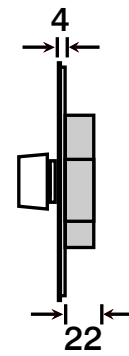
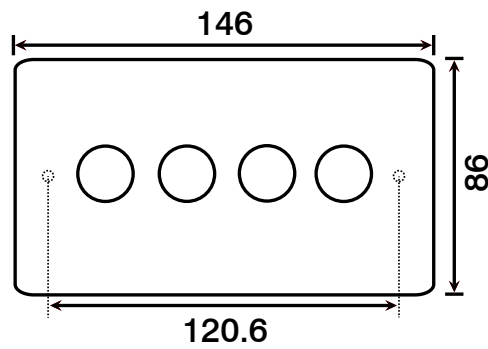
SIN142



SIN143



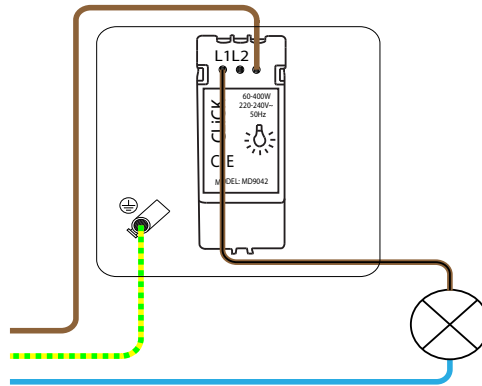
SIN144



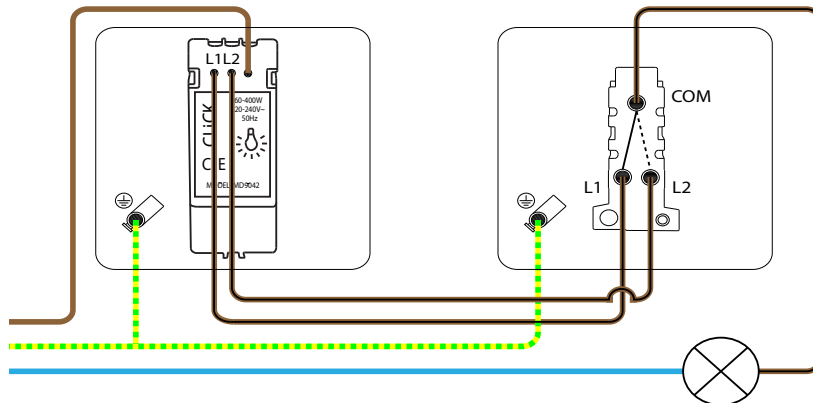
Dimmer Switches (Modular)

Wiring Diagrams

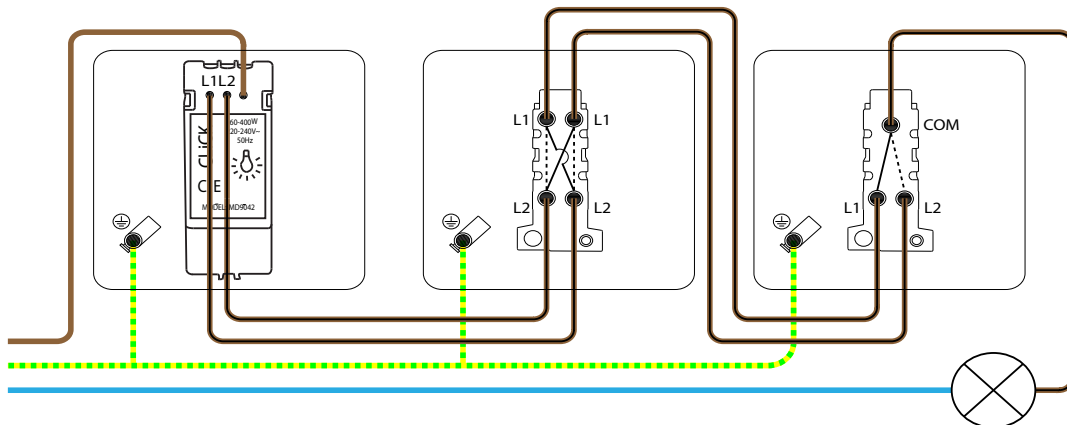
1 Way Switched Circuit



2 Way Switched Circuit



Intermediate Switched Circuit



Errors & Omissions excluded. Specification is subject to change without notice.

V1.0

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Dimmer Switches (Modular)

Technical Specification

Dimmer Switches For Tungsten, Halogen & Low Voltage

Material Composition	Insert: Polycarbonate
	Rear Housing: Nylon
	Terminals: Brass, Terminal Screws: Steel & Yellow Passivated
	Earth Strap: Mild Steel
	Silver “on-lay” Copper / Brass Contacts
	Cover Plate: Coated Stainless Steel or Polycarbonate (PW & BK)
Voltage	240V~ 50Hz
Load Types	Resistive / Inductive
Module Type	Leading Edge Technology
Terminal Size	3.5mm ø
Cable Size	2 x 1.5mm ²
Back Box Depth	35mm - 47mm
Modular	Yes (MD9001, MD9010, MD9022, MD9042)
Warranty	10 Years (Electronic Parts 1 Year)
IP Rating	IP20
Operational Temperature	-5° to +40°C
Standards	The Low Voltage Directive 2006/95/EC BS EN 60669-2-1 : 2000 +A1 EN 61000 : 1995 + A1, EN 55015 : 2000 + A1

Additional Information

We recommend using branded tungsten halogen lamps that incorporate internal fuses. The use of inferior, non-branded lamps may require the nominal rating of the dimmer to be reduced.

When dimming low voltage lighting, this dimmer must be used with dimmable, leading edge transformers only. Always check compatibility prior to installation and if in doubt, seek advice with transformer manufacturer.

Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram supplied with the relevant product.

We DO NOT recommend mixing electronic and magnetic transformers on the same dimmer switch.

DECLARATION OF CONFORMITY

1. *Issuer Name* Scolmore International Limited
2. *Issuer Address* 1 Scolmore Park, Landsberg,
Lichfield Road Industrial Estate,
Tamworth, Staffordshire, B79 7XB
3. *Object(s) of Declaration* Definity Range
- a. *Group* Dimmers
- b. *Model No.* SIN140, SIN141, SIN142, SIN143, SIN144
4. *The object of the declaration described above is in conformity with the requirements of the following Legislations:*
- | Document No | Title |
|-------------|-----------------------|
| 2006/95/EC | Low Voltage Directive |

5. *All products contained within the aforementioned comply with the relevant standards and requirements listed below.*

EN 55015 : 2000 +A1
EN 61000 : 1995 +A1
BS EN 60669-2-1 : 2000

6. *I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The unit complies with all applicable Essential Requirements of the Directives.*

In conjunction with the above all manufacture and process controls are in accordance with ISO 9001:2008

Signed, for and on behalf of: Scolmore International Limited



Steven Bettson BSc - Senior Technical Support Engineer

CE 10