

C-Cosmo

CLIPSAL
by Schneider Electric



Switches,
Sockets &
Accessories



*"Contemporary Lifestyle,
Technology for the Refined & Modern Life"*

E 2000
S E R I E S

C-Cosmo

*For Truly Rich
& Cosmopolitan
Homes*



E 2000
S E R I E S



Surrounds provide a great variety of colours and textures. Clip on your choice to suit your changing demand.

Clip-on surround conceals all mounting holes. No screw caps required.

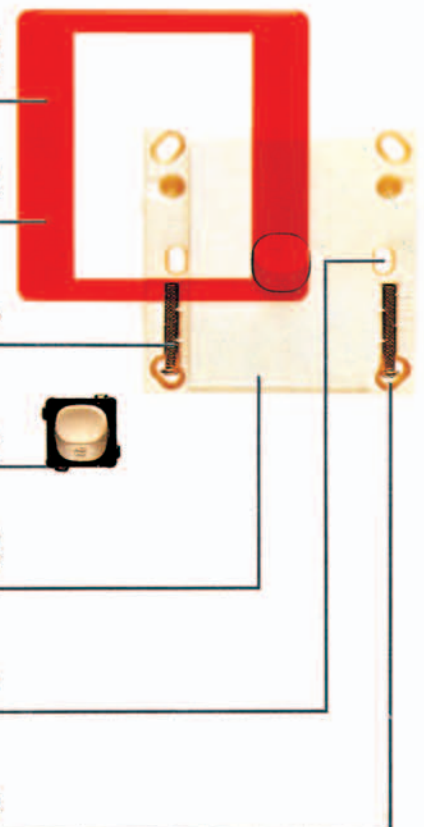
Fixing screws clipped into grid ready for use.

E2000 Series is fully compatible with the proven E30 Series mechanisms.

Grid assembly allows overpaint that will be concealed by surround eventually.

E2000 Series fits BS pattern mounting accessories.

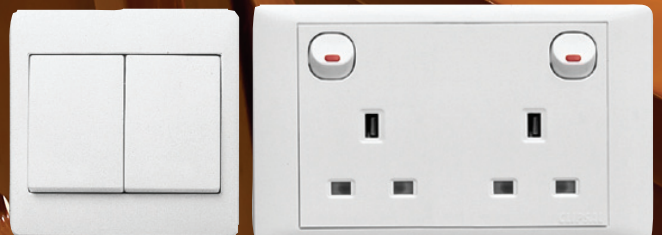
E2000 Series can be directly fixed to walls, wood panels.



*“Contemporary Lifestyle,
Technology for the Refined & Modern Life”*

C-COSMO STANDARD DOLLY

C-COSMO MEGA DOLLY





E 2 0 0 0

E2000 System

A Perfect Balance of Design & Function

Clipsal's **E2000** System consists of C-Cosmo, C-Cosmo Mega which feature removable switch surrounds that cleverly hide the mounting screws. This range offers a wide spectrum of different colour & finish combinations with a high degree of aesthetic flexibility, which can cater for the ever-changing demands of interior designers & homeowners. "Mega" dolly is another innovative design, featuring large press button, polycarbonate materials & high glossy surface finishing. It can be mixed & matched with C-Graphic & color surrounds for special effect. The contemporary styling & flexibility of the E2000 series have made it Clipsal's most popular range of switches & sockets. Designed to be equally suitable in the modern home or in a hotel. E2000 has the flexibility & aesthetics to set any electrical installation apart from the traditional.

C-Cosmo (E2000 Standard Dolly & Mega Dolly)

Brightens Up Your Life Day & Night

Nothing brightens your universe like these simple pleasures from the C-Cosmo range. With a perfect balance of design & function, C-Cosmo includes standard Dolly Switches, Mega Switches & accessories. Created to achieve variety, quality & choice, C-Cosmo brightens up your life day & night.

C-Cosmo Standard Dolly switches & accessories display strength & durability with a sleek & smooth finish while Mega switches caters for those who prefer a touch of European style & sophistication. To match various interior décor themes, the coloured C-Graphic surrounds are the perfect solution for mixing & matching, as well as reflecting your personal taste.



E2000 System – C- COSMO MEGA

Features & Benefits:

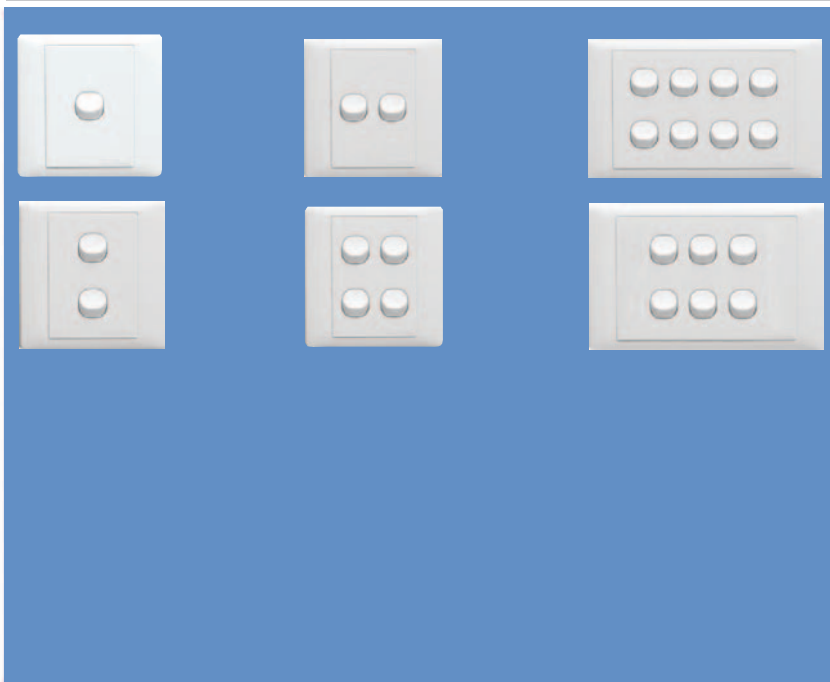
- Large rocker design for easy & convenient operation
- Modular construction of switch plate & rocker for easy conversion
- Polycarbonate finishes for extra durability & safety
- First use of multi-gang surrounds in BS wiring accessories
- Sense of Unique style & bold design
- No more visible screws, removable switch surrounds cleverly hides the mounting screws
- Contemporary styling & flexibility makes the range popular
- Wide spectrum of colored & textured options caters for the ever changing demands of interior designer & home owners
- Suited for modern homes, commercial spaces, shopping malls, hotels, corporate hubs
- Quality Assurance with BS & IEC Standards

Thinking Home, Thinking Clipsal





FLUSH SWITCHES 10A AND 20A



E20311A

1 gang Intermediate Switch

E20321A

2 gang Intermediate Switch

E20341A

4 gang Intermediate Switch

E2031/1/2A

10A 1 gang 1way Switch

E2031/2/3A

10A 1 gang 2way Switch

E2031/2/3SA

10A 1 gang 2way Shallow Switch

E2032/1/2A

10A 2 gang 1way Switch

E2032/1/2SA

10A 2 gang 1way Shallow Switch

E2032/2/3A

10A 2 gang 2way Switch

E2032/2/3SA

10A 2 gang 2way Shallow Switch

E2033/1/2A

10A 3 gang 1way Switch

E2033/1/2SA

10A 3 gang 1way Shallow Switch

E2033/2/3A

10A 3 gang 2 way

E2033/2/3SA

10A 3 gang 2 way Shallow Switch

E2034/1/2A

10A 4 gang 1 way Switch

E2034/1/2SA

10A 4 gang 1 way Shallow Switch

E2034/2/3A

10A 4 gang 2way Switch

E2034/2/3SA

10A 4 gang 2way Shallow Switch

ET2036/1/2A

10A 6 gang 1way Switch

ET2036/1/2SA

10A 6 gang 1way Shallow Switch

ET2036/2/3A

10A 6 gang 2way

ET2036/2/3SA

10A 6 gang 2way Shallow Switch

ET2038/1/2A

10A 8 gang 1way

ET2038/1/2SA

10A 8 gang 1way Shallow Switch

ET2038/2/3A

10A 8 gang 2way

ET2038/2/3SA

10A 8 gang 2way Shallow Switch

E2031/1/20A

20A 1 gang 1way switch

E2031/2/20A

20A 1 gang 2way switch

E2032/1/20A

20A 2 gang 1way switch

E2032/2/20A

20A 2 gang 2way switch

E2033/1/20A

20A 3 gang 1way switch

E2033/2/20A

20A 2 gang 2way switch

E2034/1/20A

20A 4 gang 1way switch

E2034/2/20A

20A 4 gang 2way switch

ET2036/1/20A

20A 6 gang 1way switch

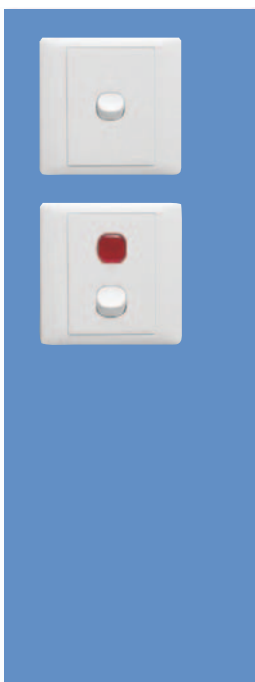
ET2038/1/20A

20A 8 gang 1way switch

ET2038/2/20A

20A 8 gang 2way switch

FLUSH DP SWITCHES 20 AMP



E2031/1/20A

20A gang 1 way Switch

E2031D20A

20A gang DP Switch

E2032DE20NA

20A 2 gang DP Switch with neon

E2032VD20NA

20A 2 gang DP Switch with neon

E2032VDE20NA

20A 2 gang DP Switch with neon/Earth

E2032VDE20NA-WH

20A 2 gang DP Switch with neon/Earth marked "Water Heater"

E2032VDE20NA-WM

20A 2 gang DP with neon/Earth marked "Washing Machine"

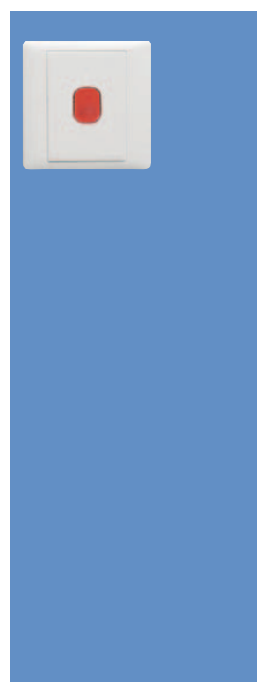
E2032VDE20NA-DW

20A 2 gang DP with neon/Earth marked "Dish Washer"

E2032VDE20NA-AC

20 2 gang DP with neon/Earth marked "Air Conditioner"

FLUSH SWITCHES 32 AMP DP



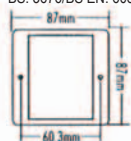
E2031DR32

32A 1 gang DP Switch

E2031DR32N

32A 1 gang DP with neon Switch

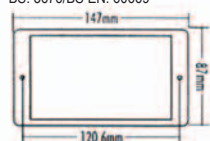
BS: 3676/BS EN: 60669



Suitable Mounting Boxes

- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

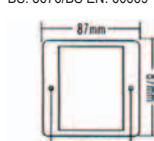
BS: 3676/BS EN: 60669



Suitable Mounting Boxes

- ET157E (0.9mm T, 35mm D)
- ET157E HD (1.1mm T, 35mm D)
- ET157ED HD (1.1mm T, 47mm D)
- E2000SM-2, E238/2, ET238, ET238E

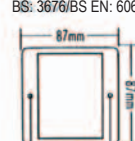
BS: 3676/BS EN: 60669



Suitable Mounting Boxes

- ET157E (0.9mm T, 35mm D)
- ET157E HD (1.1mm T, 35mm D)
- ET157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E2000SM-2

BS: 3676/BS EN: 60669



Suitable Mounting Boxes

- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

T- Thickness, D- Depth

For special colours please check with Clipsal team.

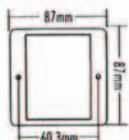
* "V" denotes Vertical align plate

**FLUSH SWITCHES
45 AMP DP
AUSTRALIAN TYPE
(PUSH UP OR
DOWN)**



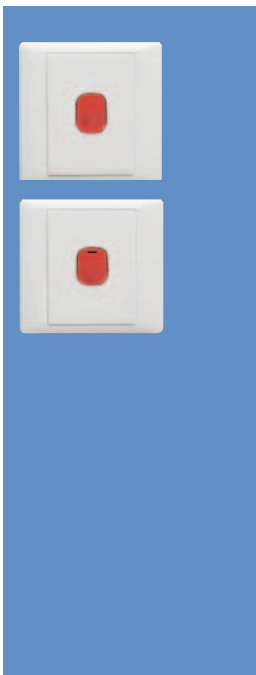
E2031D45
45A 1 gang DP Switch
E2031D45N
45A 1 gang DP Switch with neon

BS: 3676/BS EN: 60669



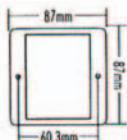
Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

**FLUSH SWITCHES
45 AMP DP
BRITISH TYPE
(ROCKER SWITCH)**



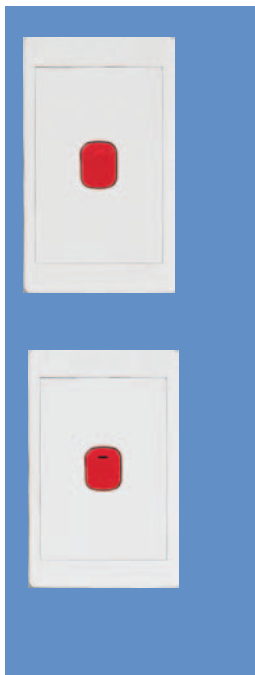
E2031DR45
45A 1 gang DP Switch
E2031DR45N
45A 1 gang DP switch with neon Switch
E2031DR45N-CO
45A 1 gang DP switch with neon Marked "Cooker"
E2031DR45N-WH
45A 1 gang DP switch with neon Marked "Water Heater"

BS: 3676/BS EN: 60669
BS: 4177



Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

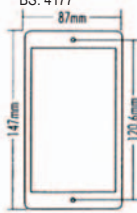
**VERTICAL FLUSH
SWITCHES
45 AMP DP**



ET2031DR45
45A 1 gang DP switch
ET2031DR45VN
45A 1 gang DP switch with neon
ET2031DR45VN-CO
45A 1 gang DP switch with neon Marked "Cooker"

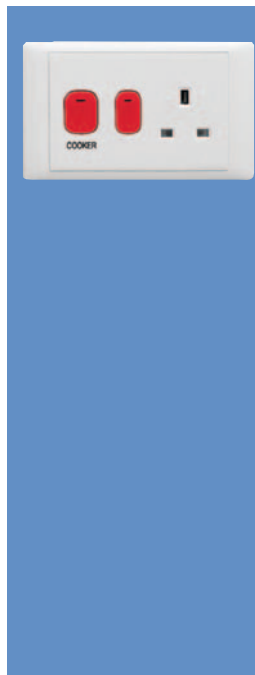
* "V" denotes Vertical align plate

BS: 3676/BS EN: 60669
BS: 4177



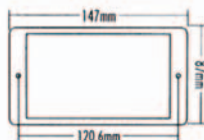
Suitable Mounting Boxes
-ET157E (0.9mm T, 35mm D)
-ET157E HD (1.1mm T, 35mm D)
-ET157ED HD (1.1mm T, 47mm D)
-E2000SM-2, E238/2, ET238, ET238E

**COOKER
CONTROL UNIT
45A DP & 13 AMP
SWITCHED SOCKET**



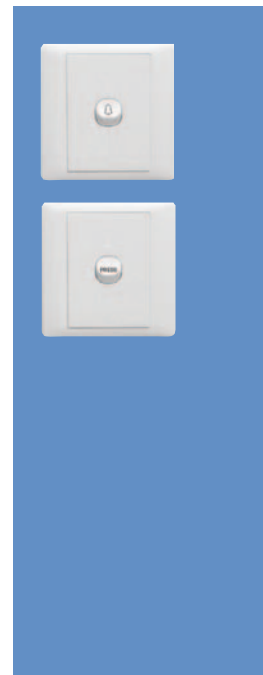
ET2015DR45N
45 DP cooker switch and
13A switched socket with neon

BS: 4177/BS 1363



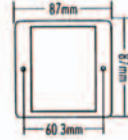
Suitable Mounting Boxes
-ET157E (0.9mm T, 35mm D)
-ET157E HD (1.1mm T, 35mm D)
-ET157ED HD (1.1mm T, 47mm D)
-E2000SM-2, E238/2, ET238, ET238E

**FLUSH SWITCHES
10 AMP PUSH
BUTTON**



E2031BPRA/B
10A 1 gang bell press switch marked "Bell Symbol"
E2031BPRA/P
10A 1 gang bell press switch marked "Press"
E2031BPNA
10A 1 gang illuminated "Bell Press"

BS: 3676/BS EN: 60669



Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

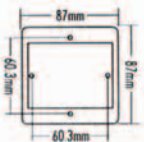


FLUSH SWITCHES MEGA 2000 20 AMP



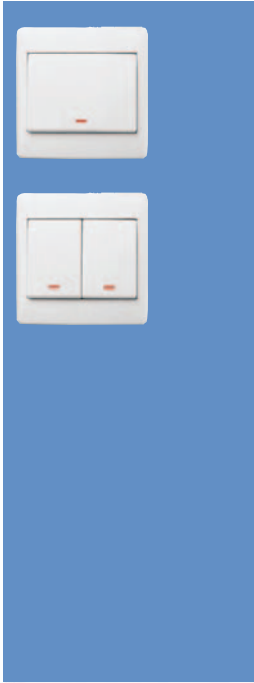
- E2031LIA**
10A 1 gang Intermediate switch
E2031L1/2/20A
20A 2 gang 1 way switch
E2031L2/3/20A
20A 1 gang 2 way switch
E2032L1/2/20A
20A 2 gang 1 way switch
E2032L2/3/20A
20A 2 gang 2 way switch
E2033L1/2/20A
20A 3 gang 1 way switch
E2033L2/3/20A
20A 3 gang 2 way switch

BS: 3676/BS EN: 60669



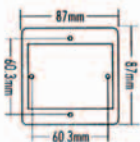
Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

FLUSH SWITCHES MEGA 2000 20 AMP WITH NEON



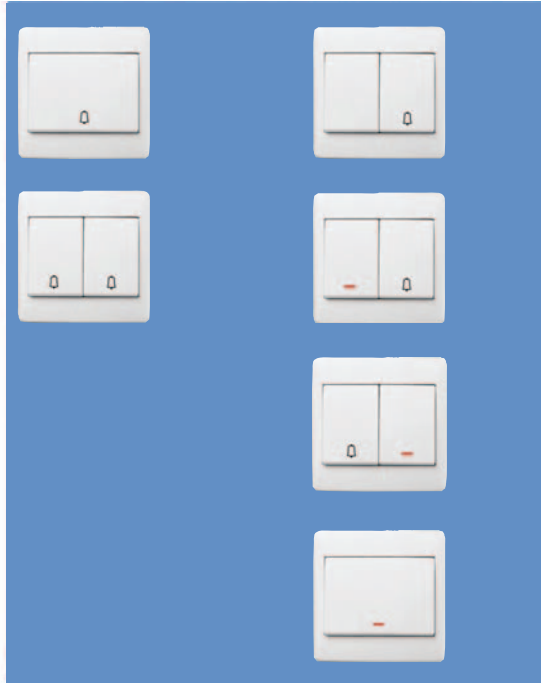
- E2031L2/20NA**
20A 1 gang 2 way switch
with neon
E2032L2/20NA
20A 2 gang 2 way switch
with neon

BS: 3676/BS EN: 60669



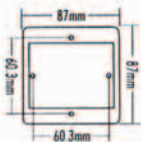
Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

BELL PRESS SWITCH MEGA 2000 10 AMP



- E2031LBPRA**
10A 1 gang with bell symbol
E2032LBPRA
10A 2 gang with bell symbol
E2031LBPRA/P
10A 1 gang with bell press
switch marked "Press"
E2031LBPRA
10A 1 gang bell press
switch without symbol
E2032LBPRA/P
10A 2 gang bell press
switch marked "Press"

BS: 3676/BS EN: 60669



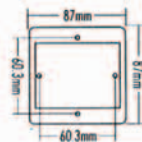
Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

FLUSH SWITCHES MEGA 2000 20 AMP DP



- E2031LD20NA**
20A 1 gang DP switch with neon
E2031LD20NA-AC
20A 2 gang DP switch with neon
marked "Air Conditioner"
E2031LD20NA-DW
20A 1 gang DP switch with neon
marked "Dish Washer"
E2031LD20NA-HD
20A 1 gang DP switch with neon
marked "Hand Dryer"
E2031LD20NA-WH
20A 1 gang DP switch with neon
marked "Water Heater"
E2031LD20NA-WM
20A 1 gang DP switch with neon
marked "Washing Machine"

BS: 3676/BS EN: 60669

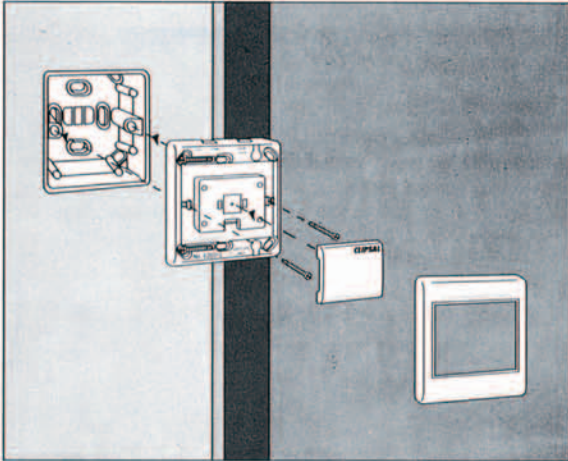


Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

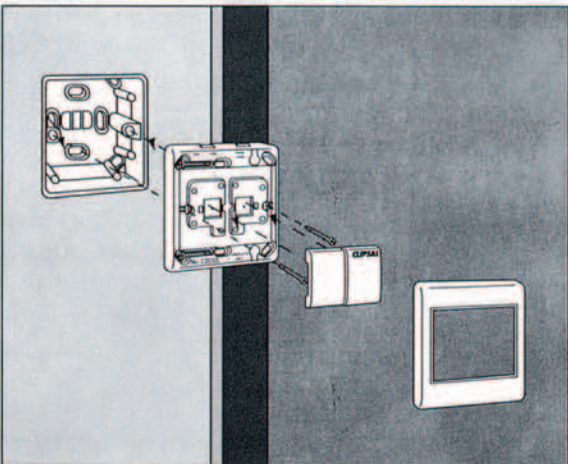
MOUNTING INSTRUCTION

Please install the switch as indicated by the diagrams:

One Gang

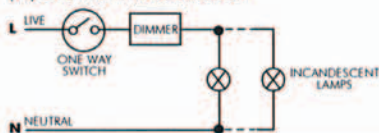


Two Gang

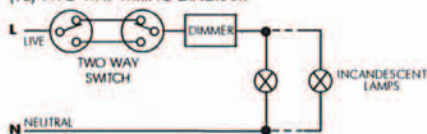


Dimmer Wiring Diagrams

(1a) ONE WAY WIRING DIAGRAM



(1b) TWO WAY WIRING DIAGRAM



UNIVERSAL SHAVER SOCKET OUTLETS



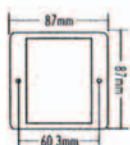
- Designed to BS 3535, Part 1: 1990, BS EN 60742: 1996, IEC 61558-2-5: 1998
- Rating: 400mA max. (internal thermister trip current),
- 115 / 240V (Choice of 2 positions), 20VA Max Load, No Load Voltage: < 275V
- Automatic primary supply switches on while insertion of a shaver plug & switches off automatically on removal
- Safety interlocked shutters to prevent insertion of 2 plugs simultaneously
- Integral Over current Device to protect Transformer
- In-built automatic resetting by a solid state over-load device
- Terminals are designed for Easier & Quicker Wiring
- Terminals screws supplied 'backed out' & held captive within the terminal moulding
- Clear identification of terminal markings on back side
- Front Plate screws retained on rear case moulding
- Wall Mounted Unit
- Terminal Capacities:
Each terminal will accommodate 1 No. of 4 sq.mm or 2 Nos. of 2.5 sq.mm cables

**FAN ISOLATOR
240V 6A TP**



E2030T6A
6A 1 gang TP switch

BS EN 60947-3



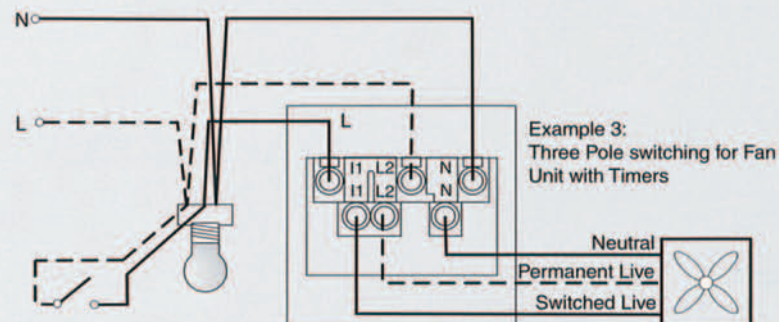
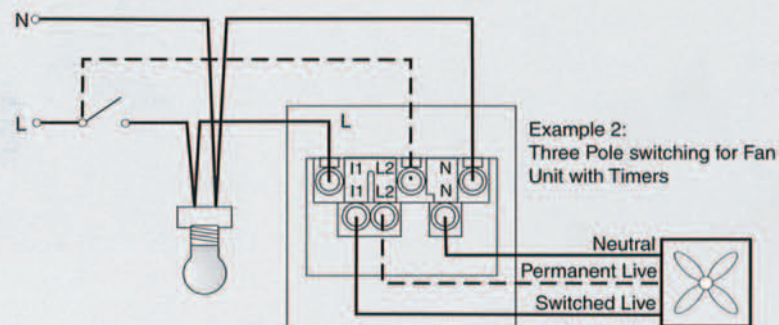
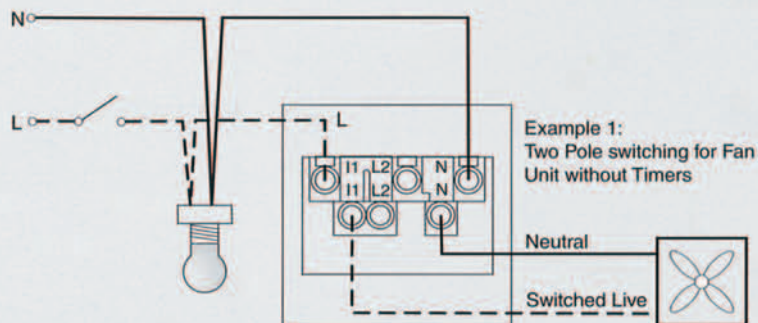
Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

TECHNICAL SPECIFICATIONS

Installation Guide

Note:

1. The below diagram show the use of a lamp in the circuit, whilst usual this is not vital.
2. To ensure safety, this product must be installed by a qualified electrician.

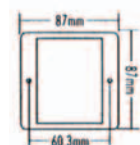


**SCHUKO
SOCKETS
10/16 AMP
GERMAN TYPE**



E2426/16S
10/16A 1 gang schuko socket outlet with safety shutter

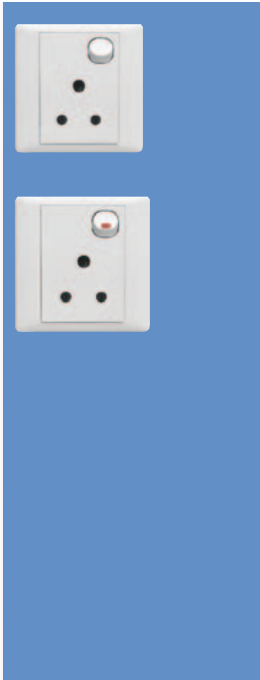
BS: 5733/ICE 60884



Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

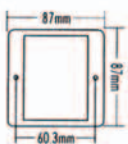


SWITCHED SOCKET OUTLETS 5 AMP



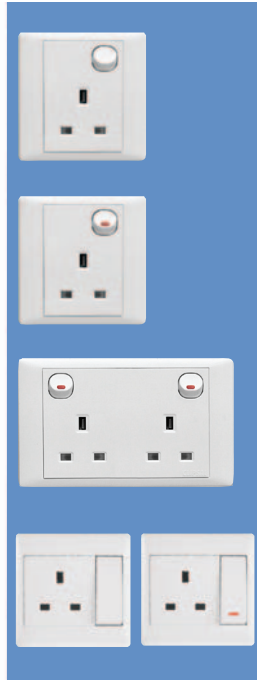
E2015/5
5A 1 gang switched socket
E2015/5N
5A 1 gang switched socket with
neon

BS: 546



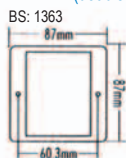
Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

SWITCHED SOCKET OUTLETS 13 AMP



E2015
13A 1 gang
switched socket
E2015N
13A 1 gang
switched socket
with neon
ET2025
13A 2 gang
switched socket
ET2025N
13A 2 gang
switch with neon
E2015L
13A 1 gang
mega switched socket
E2015LN
13A 1 gang mega switched
socket with neon

*High integrity earthing
(double earthing)



As per BS7671, sec 607

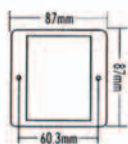
Suitable Mounting Boxes
-ET157E (0.9mm T, 35mm D)
-ET157E HD (1.1mm T, 35mm D)
-ET157ED HD (1.1mm T, 47mm D)
-E2000SM-2, E238/2, ET238,
-ET238E

SWITCHED SOCKET OUTLETS 15 AMP



E2015/15
15A 1 gang switched socket outlet
E2015/15N
15A 1 gang switched socket outlet
with neon

BS: 546



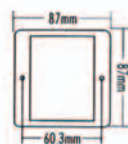
Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

SWITCHED SOCKET OUTLETS WITH SAFETY SHUTTER



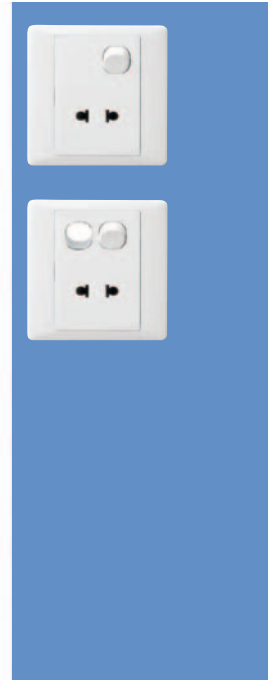
E2015/10S
10A 1 gang 3pin switch
E2015/15C
15A 1 gang 3pin switch
E2015CSN
10A 1 gang 3pin switch
with neon
E2015/15CSN
15A 1 gang 3pin switch
with neon

BS: 546



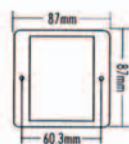
Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

UNIVERSAL SWITCHED SOCKET 10/16 AMP



E2015US
10/16A 1 gang universal switched
socket with safety shutter
E2015US2
10/16A 2 gang universal switched
socket with 2 switches

BS: 5733/ IEC 60884



Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

**UNSWITCHED
SOCKET OUTLETS
10/16 AMP**



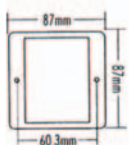
E2426US

10/16A 1 gang universal socket with shutter

E2426US2

10/16A 2 gang universal socket with shutter

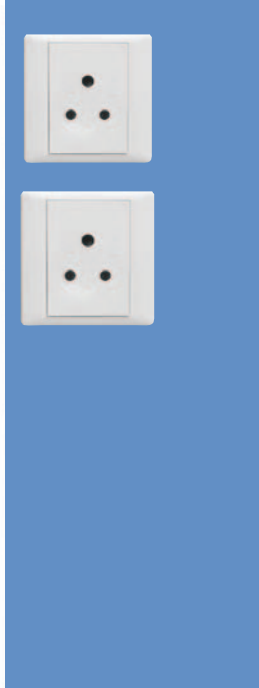
BS: 5733/IEC 60884



Suitable Mounting Boxes

-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

**UNSWITCHED
SOCKET OUTLETS
5 AMP & 15 AMP**



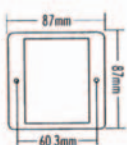
E2426/5

5A 1 gang unswitched socket

E2426/15

15A 1 gang unswitched socket

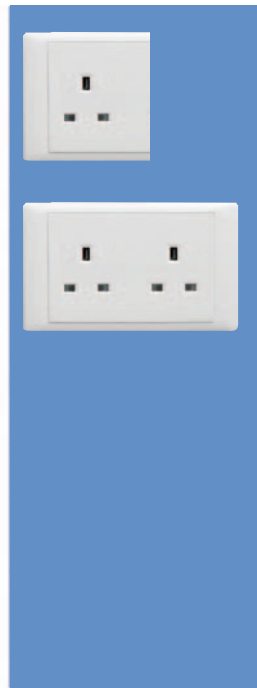
BS: 546



Suitable Mounting Boxes

-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

**UNSWITCHED
SOCKET OUTLETS
13 AMP**



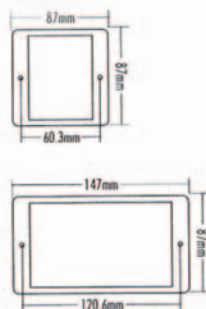
E2426

13A 1 gang unswitched socket

ET2426

13A 2 gang unswitched socket

BS: 1363



Suitable Mounting Boxes

-ET157E (0.9mm T, 35mm D)
-ET157E HD (1.1mm T, 35mm D)
-ET157ED HD (1.1mm T, 47mm D)
-E2000SM-2, E238/2, ET238,
-ET238E

**UNSWITCHED
SOCKET OUTLETS
WITH SAFETY
SHUTTER
10 & 15 AMP**



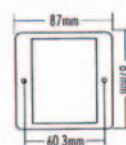
E2426CS

10A 1 gang unswitched socket outlet

E2426/15CS

15A 1 gang unswitched socket outlet

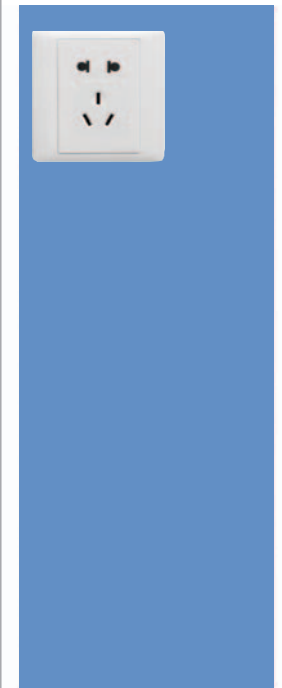
IEC 498



Suitable Mounting Boxes

-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

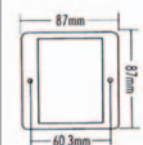
**UNIVERSAL
UNSWITCHED
SOCKET WITH
SAFETY SHUTTER
10 & 16 AMP**



E2426/10US

10A 1 gang 2pin Universal & 3pin socket

BS: 5733/IEC 60884/IEC 498



Suitable Mounting Boxes

-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E



CONNECTION UNITS 25 AMP 3 TERMINALS & BLANK PLATES



E2031TBA

25A 1 gang connection with front flexible cord outlet

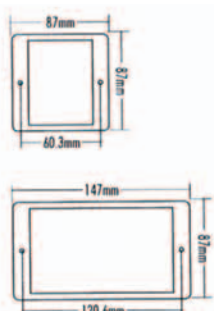
E2030X

1 gang blank plate

ET2030X

2 gang blank plate

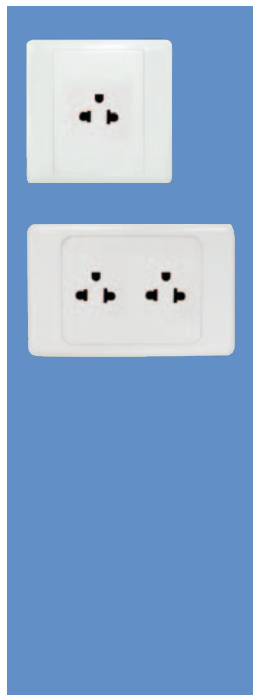
BS: 5733



Suitable Mounting Boxes

-E157E, ET157E (0.9mm T, 35mm D)
-E157E HD, ET157E HD (1.1mm T, 35mm D)
-E157ED HD, ET157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

UNIVERSAL SOCKET OUTLET 10/16A, 3PIN, 240V



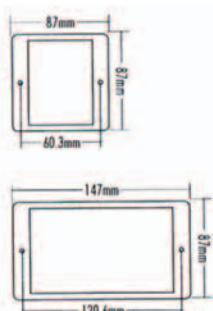
E2426UE

10/16A 1 gang 3pin universal socket

E2426UE2

10/16A 2 gang 3pin universal socket

BS: 5733



Suitable Mounting Boxes

-E157E, ET157E (0.9mm T, 35mm D)
-E157E HD, ET157E HD (1.1mm T, 35mm D)
-E157ED HD, ET157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

POLARISED SOCKET OUTLET 15A, 3PIN, 127V



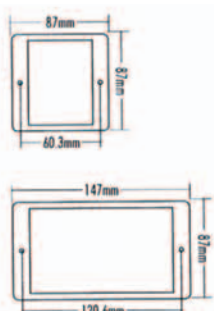
E2426PE

15A 1 gang polarised socket with earth

E2426PE2

15A 2 gang polarised socket with earth

BS: 5733



Suitable Mounting Boxes

-E157E, ET157E (0.9mm T, 35mm D)
-E157E HD, ET157E HD (1.1mm T, 35mm D)
-E157ED HD, ET157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

POLARISED SOCKET OUTLET 2 PIN 15A, 127V



E2426PE

15A 1 gang 3pin socket with Earth

E2426PE2

15A 2 gang 3pin socket with Earth

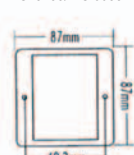
E2031/405A

15A 1 gang socket outlet

E2032/405A

15A 2 gang socket outlet

BS: 5733/IEC 60884



Suitable Mounting Boxes

-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

RCD SOCKET 30mA DP 13 AMP 240V



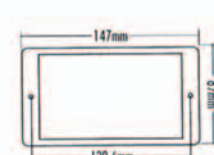
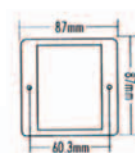
E2015DRC-1

13A 1 gang with 30mA, DP RCD protected switched socket

ET2025DRC-1

13A 2 gang with 30mA, DP RCD protected switched socket

BS: 7288/BS EN 50082
Compliance with Low Voltage
EC Directives (73/23/EEC) (89/336/EEC)



Suitable Mounting Boxes

-E157E, ET157E (0.9mm T, 35mm D)
-E157E HD, ET157E HD (1.1mm T, 35mm D)
-E157ED HD, ET157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

**FUSED
CONNECTION
UNITS 250V
13A**



E2030FSG

13A 1 gang unswitched fused connection unit

E2030FSGN

13A 1 gang unswitched fused connection unit with neon

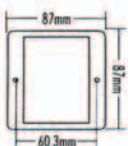
E2031DFSG

13A 1 gang fused connection unit with DP switch

E2031DFSGN

13A 1 gang fused connection unit with DP switch & neon

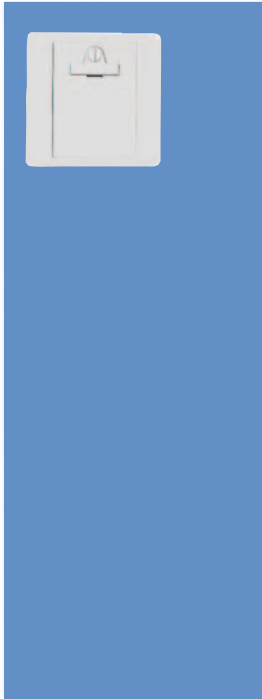
BS: 1363



Suitable Mounting Boxes

- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

**FUSED
CONNECTION
UNITS MEDIUM
SECURITY LOCK**



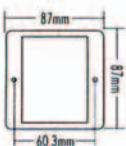
E2030FSGMS

1 gang unswitched fused connection unit

E2030DFSGMS

1 gang DP switched fused connection unit

BS: 1363



Suitable Mounting Boxes

- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

**FUSED
CONNECTION
UNITS HIGH
SECURITY LOCK**



E2030FSGS

1 gang unswitched fused connection unit

E2030NFSGS

1 gang unswitched fused connection unit with neon

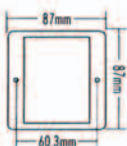
E2031DFSGS

1 gang DP switched fused connection unit

E2031DNFSGS

1 gang DP switched fused connection unit with neon

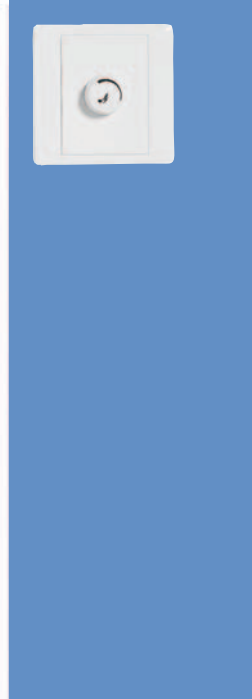
BS: 1363



Suitable Mounting Boxes

- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

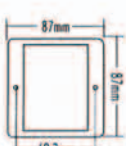
**LOW END
RESISTIVE
VOLUME CONTROL
1 Gang**



E2031VC1K

1k Ohm Log

BS: 5733

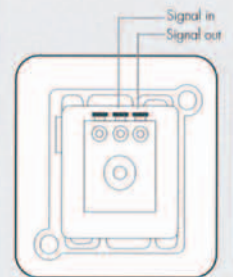


Suitable Mounting Boxes

- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

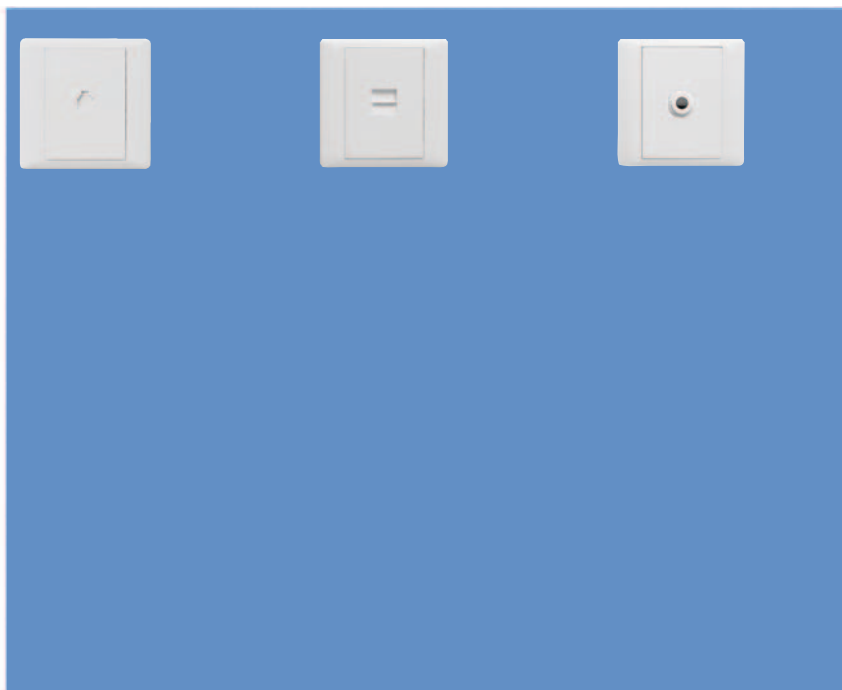
**TECHNICAL
SPECIFICATION**

**Clockwise Max.
Anticlockwise
Min.**





TELEPHONE OUTLETS



E2031RJ4

1 gang 6way 4wire

E2031RJ6

1 gang 6way 6wire

E2031RJ

1 gang plate to suit
"Avaya" data Module

E2032RJ

2 gang plate to suit
"Avaya" data Module

E2406/1M

1 gang 6pin master unit

E2406/1S

1 gang 6pin slave unit

E2031BTM

1 gang BT socket-master

E2031BTS

1 gang BT socket-slave

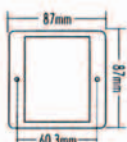
E2031TO

1 gang with cord grip

E2032TO

2 gang with cord grip

BS 6312/BS 5733/FCC STANDARD



Suitable Mounting Boxes

- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

BT STANDARD

RJ SERIES SOCKET OUTLETS



E2031RJ64A

1 gang 6way 4contact (RJ11)

E2032RJ64A

2 gang 6way 4contact (RJ11)

E2031RJ88A

1 gang 8way 8contact
(RJ45) Cat5e

E2032RJ88A

2 gang 8way 8contact
(RJ45) Cat5e

30RJ88SMA6SH-WE

30 Mech Cat6 shuttered modular
jack for Data (RJ45)

RJ88SMA6-WE

Cat6 unshuttered modular Jack
for Data key stone type (RJ45)

RJ88SMA5-WE

Cat5e unshuttered modular Jack
for Data key stone type (RJ45)

BS: 5733/BS EN 50173/
ISO/IEC 11801/FCC 68 PT 5



Suitable Mounting Boxes

- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

RJ OUTLET

Terminals:

Connectors suit copper
conductor diameter:
AWG 26-22 0.4-0.6mm
Insulation diameter:
0.7-1.4mm
Number of equal
diameter conductors per
slot: 2 maximum
Contact spring force: 3N
Number of reterminations:
>200
Coupling capacitance
between wires: <1pf
Housing material:
Thermoplastic polyester

Socket:

Housing material: ABS
Contacts: 50 microns
hard gold plate with
minimum 100 micron
under plate sulphamate
nickel.
Contact resistance:
10 milliohm maximum
5 microhm minimum
Austei approval:
A91/831/0092



30RJ88SM

RJ45 Modular 8 Way 8
Contact Socket Mechanism

**CLIPSAL DATACOMS
FACE PLATES**



E2031RJKI-WE

E2000 1 gang keystone non-shuttered face plate

E2032RJKI-WE

E2000 2 gang keystone non-shuttered face plate with channel and circuit ID slot

E2031SRJKI

E2000 Titanium 1 gang shuttered keystone face plate with channel and circuit ID slot

E2031SRJKIGA

Single gang shuttered RJ45 key stone, Grid plate with channel and circuit ID slot without surround

E2032RJIGA

2 gang RJ45 30 Mech grid plate with channel and circuit ID slot

E2032SRJKI

E2000 Titanium 2 gang shuttered keystone face plate with channel and circuit ID slot

E2032SRJKIGA

2 gang shuttered RJ45 key stone Grid plate with channel and circuit ID slot without surround

BS: 5733/BS EN 50173

**UNIVERSAL
SHAVER OUTLETS
115/240V, 20VA**



ET2727

115/240V-20VA - Vertical

ET2727H

115/240V-20VA - Horizontal

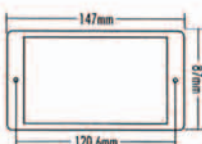
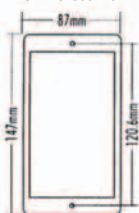
ET2727NL

Shaver socket with neon without logo

All units provided with thermal cut-off

No Load Voltage <275V

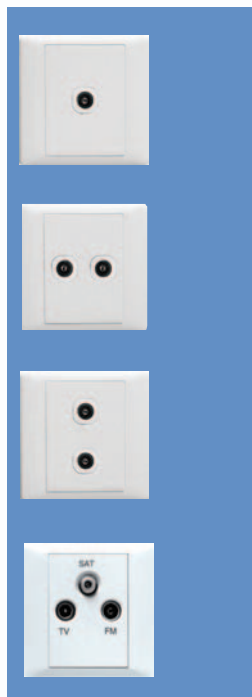
BS: 3535/BS EN 60742/
BS EN 61558-2-5



Suitable Mounting Boxes

-E157E, ET157E (0.9mm T, 35mm D)
-E157E HD, ET157E HD (1.1mm T, 35mm D)
-E157ED HD, ET157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

**TV ANTENNA
OUTLET 75 OHM**



E2031TV

1 gang TV socket

E2032TV

2 gang TV socket

E2032VTV

2 gang TV Vertical socket

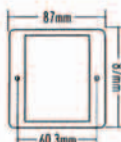
E2032TVSF

2 gang TV & Antenna socket

E2033SMATV

TV, FM & Satellite Connector

BS: 3041/BS: 5733/IEC 169-2
BSEN 50083

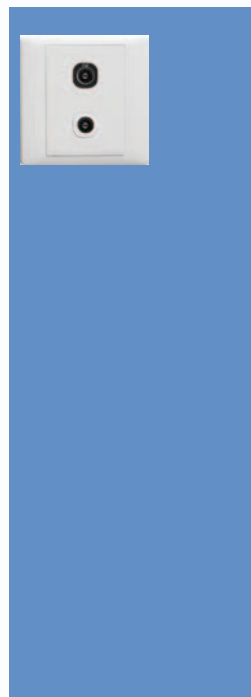


Suitable Mounting Boxes

-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

* "V" denotes Vertical align plate

**TV/FM CO-AXIAL
OUTLETS
75 OHM**



E2032TVFM

2 gang TV/FM Splitter

E2032VTVFM

2 gang TV/FM Splitter - Vertical

E2032TVFM2

2 gang TV/FM Splitter for multi-outlet system with 2 cord grip

E2032VTVFM2

2 gang TV/FM Splitter for multi-outlet system with 2 cord grip - Vertical

E2032VTVFMS

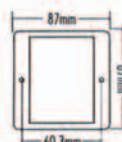
2 gang TV/FM Splitter

screw fixing

E2031AOSP

1 gang audio outlet

BS: 3041/BS: 5733/IEC 169-2
BSEN 50083



Suitable Mounting Boxes

-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

* "V" denotes Vertical align plate

**F-TYPE
CONNECTORS
75 OHM**



E2031TVF

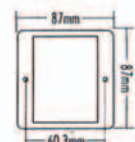
1 gang TV "F" type connector

E2032VTVF

2 gang TV "F" type connector

E2032VTVSF

2 gang TV Vertical "F" type connector



Suitable Mounting Boxes

-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

* "V" denotes Vertical align plate

CARD KEY SWITCH 16 AMP 230V



E2031EKT

16A 1 gang double pole card key switch, 230V 50Hz

E2031EKTH

16A 1 gang double pole card key switch, 230V 50Hz
Suit Standard Credit Card Size

E2031EKT-KC

Plastic key card
(used with E2031EKT)

IEC60669-2-1



Suitable Mounting Boxes

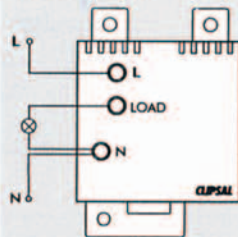
- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

*"H" denotes Horizontal align plate

TECHNICAL SPECIFICATION

E2031EKT &
E2031EKTH
Specifications
Voltage : 250Vac

Wiring Diagram



BELL PUSH MESSAGE INDICATORS 10 AMP



E2031BPD

10A 1 gang bell push with message

E2031BPM

10A 1 gang bell push with message, 230V 50Hz

E2032VDM

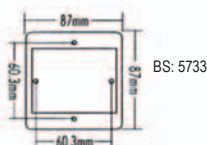
& message, 230V 50Hz

E2032DMH

& message, 230V 50Hz

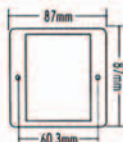
E2033LBPD

Entrance Bell Press & Message, 230V 50Hz



BS: 5733

IEC60669-2-1



Suitable Mounting Boxes

- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

* "H" denotes Horizontal Align plate

TECHNICAL SPECIFICATION

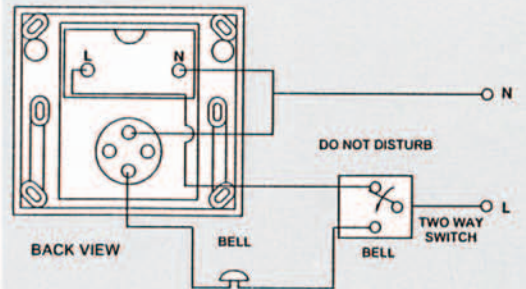
E2031BPD

Specifications

Voltage : 250Vac

Max. Current : 15A

Wiring Diagram



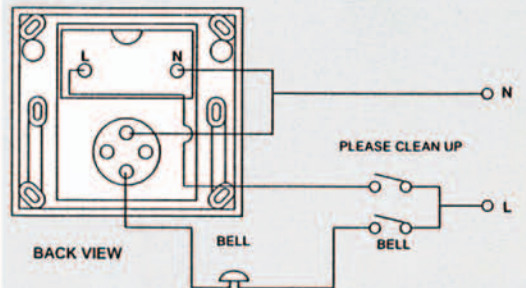
E2031BPM

Specifications

Voltage : 250Vac

Max. Current : 15A

Wiring Diagram

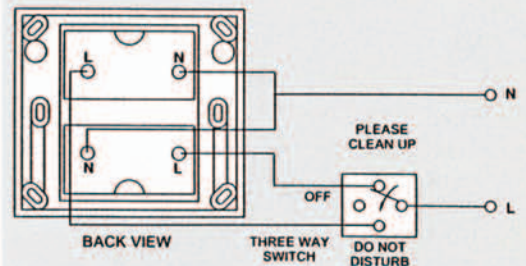


E2032VDM & E2032DMH

Specifications

Voltage : 250Vac

Wiring Diagram



**LIGHT DIMMER
500VA 2WAY**



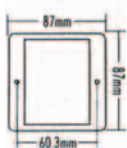
E2032V500
500VA 1 gang dimmer
E2034V500
500VA 2 gang dimmer
ET2036V500
3 gang light dimmer

**FAN CONTROLLER
400VA 2WAY**



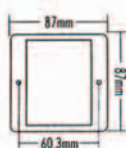
E2032V400F
400VA 1 gang 2 way
fan controller
E2034V400F
400VA 2 gang 2 way
fan controller

BS: 5518/BS EN 60669-2-11/BS EN 55015



Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E
* "V" denotes Vertical align plate

BS: 3955/BS5518



Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E
* "V" denotes Vertical align plate

FAN CONTROLLER

Clipsal Fan Controllers are solid state units, designed to provide smooth speed variations from "full" to "slow" on most fans.
Rated 220/250V a.c. 50/60Hz, two individual models are available.
E32V400 primary for ceiling sweep fans.
E32V400F primary for exhaust fans.

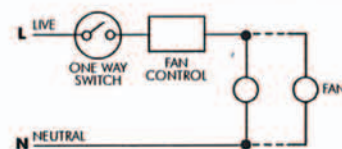
Fan speed can be dialed to suit any condition. Full speed for efficient exhaust of stale air or steam in kitchens and bathrooms. Or, dialled down low for constant, quiet circulation and change of fresh air.

Multiple Loads

Any number of fans may be connected in parallel up to the maximum total loading of 1.6A(400VA). Only similar types of fans should be connected in parallel to minimise the possibility of resultant variable speeds.

Installation

Clipsal Fan Speed Controllers are connected as illustrated in the diagram below.



LIGHT DIMMER

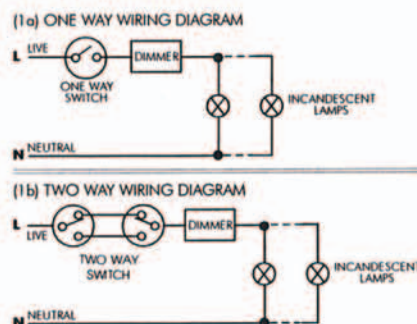
For Incandescent and Fluorescent loads. 500VA Max.

The Clipsal Dimmer Switch provides full control over the brightness of lighting. The same bright lights used for reading or normal family and business activity can be diffused to a soft candle glow.

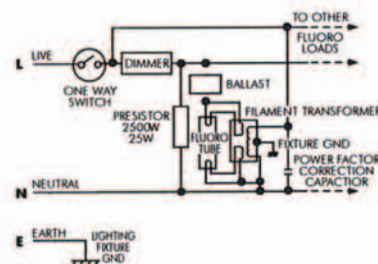
The Dimmer operates on 200/250 Volt a.c. 50/60Hz supply and will control up to 500VA of fluorescent or incandescent lamps (or a combination of both).

Usual range of Clipsal colours is available.

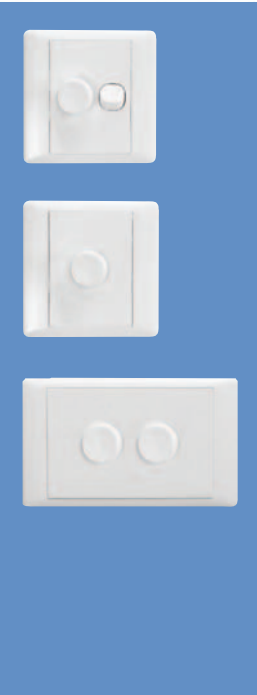
Dimmer Wiring Diagrams



If 2 way circuit required remove unmarked terminal and replace with terminal marked "L". Terminal with silver contact is repositioned in unmarked terminal pocket.

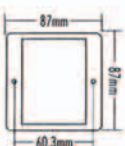


HIGH POWER DIMMER EMC COMPLIANT



- E2031V1000**
1 gang 1000W Light Dimmer
E2032V1000
2 gang 1000W Light Dimmer
(3"x6" size)
E2032V1800
2 gang 1800W Light Dimmer
E2032V2400
2 gang 2400W Light Dimmer

BS: 3955



Suitable Mounting Boxes

- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

* "V" denotes Vertical align plate

HIGH POWER DIMMERS

High Power Dimmers

Clipsal high power dimmers give the user full control of lighting in the domestic and commercial environment with a power rating not previously available in Clipsal range of dimmers. The models control loads as rated below:

- 32/1800: 40VA to 1800VA
32/2400: 40VA to 2400VA

Each unit has incorporated into it a new facility which can allow units to be strung together in a master-slave configuration, enabling larger loads to be controlled by a single high power dimmer controller mechanism (potentiometer and switch fits to any standard two gang mounting pattern. When stacking units for this master-slave configuration, it must be noted that each dimmer must be on the same phase and also that the switched active, if switched via a standard switch mechanism is not overloaded. If the switch is overloaded, alternative wiring can be used, using a contactor or a separate switch. (See Figure 3 and Figure 4).

Figure 3 Master-Slave Configuration using a Contactor to Switch Active

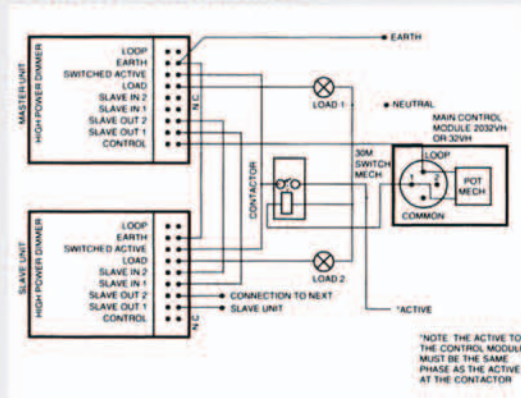
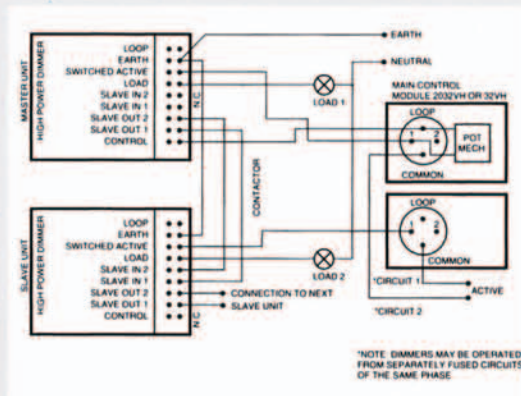


Figure 4 Master-Slave Configuration using a Second Switch



When operating in master-slave mode, the slave unit does not have any connection to the control terminal and the minimum brightness adjustment is controlled via the trim pot available in the master's control mechanism. If independent control of the slave is wanted then at least one of the master-slave connections must be broken and a second high power dimmer control mechanism must be wired in.

In normal operation the unit is wired in one of the options shown in either Figure 1 or Figure 2 (Figure 2 shows the basic wiring in two way switching application).

Figure 1 Basic Wiring Diagram

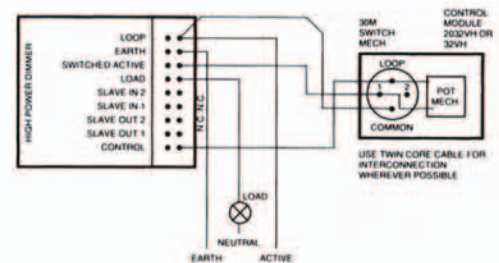
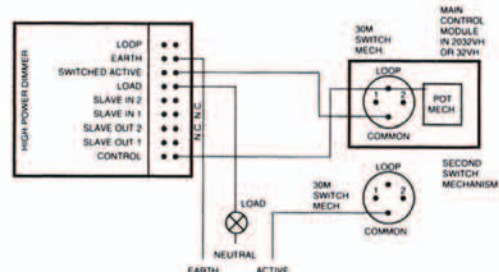


Figure 2 Two Way Switching Option



Specifications

Physical Dimensions:

- Dimmer: 248mm x 150mm x 55mm
Remote control pot: 50mm x 22mm x 22mm
Catalogue Number 30POT Series
(Fits Standard 30 Series Apertures).
Voltage Rating: 240V (Operating range: 216V to 264V).

Current Rating:

- Maximum Load:
E2032V2400 10A (2400VA) 1 to 0.6PF (lagging) - max. ambient 50°C
E2032V1800 7.5A (1800VA) 1 to 0.6PF (lagging) - max. ambient 50°C
Minimum Load: (all models) 0.17A (40VA).
Maximum half cycle surge: (all models) 250A rms
1 t withstand: (all models) 360A¹ sec.
Compatible with low voltage lighting transformers.

THERMAL CUT-OUT

Dimmer will reduce maximum brightness if temperature Inside enclosure exceeds 60°C.

SCENEMASTER™ **LIGHTING CONTROLLER**

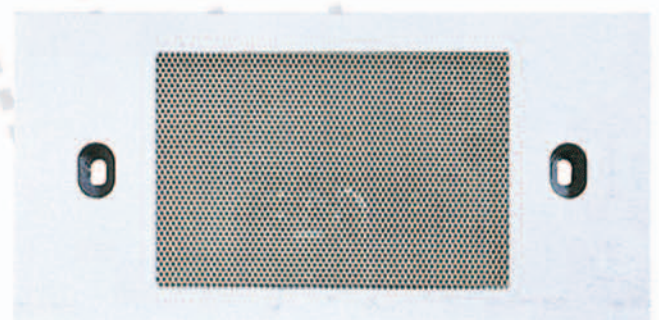
is designed for places where frequent alterations of intensity and distribution of background lights are required to suit changing activities. Lighting creates different atmosphere in matching particular interior decoration. A multi-functional dimming switch therefore is essential in decoration.

SCENEMASTER™ Lighting controller is not only a dimming switch but also a lighting equalizer orchestrating all light sources and their attributes within a defined area. It easily captures all combination of lighting groups and defines them in a lighting scenario that can be restored whenever needed by just a single touch of a scene button.

SCENEMASTER™

is designed for location such as:-

- Office conference room
- Hotel function room
- Business centre
- Lecture centre
- Video library
- Church
- Club chamber
- Restaurant
- Multi-purpose hall
- Showroom
- Audio visual theatre
-





22

**ELECTRONIC
PRODUCTS
SCENEMASTER
MASTER CONTROL
UNIT 250V 1200W**



E2400/3MCU5H

Scene controller with Transmitter

E2400/3MCU5

Scene controller

E2400HTX

Infrared Remote Transmitter

BS: 5733 & BS 5518



Dimension
174(L) x 86(W) x 80(D)mm

Mounting Centers
120.6 ± 0.8mm

TECHNICAL SPECIFICATIONS

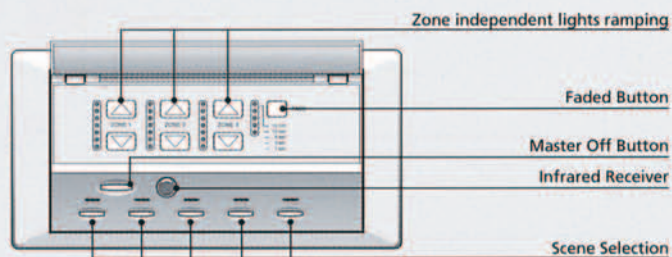
Master Control unit is the core unit of the SceneMaster.

It supplies power to and controls brightness up to 3 zones. Light fitting and other SceneMaster accessories are connected to this unit

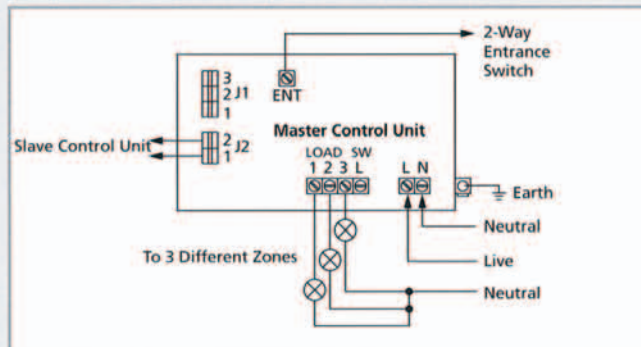
ZONE - An area illuminated by one lighting group.

SCENE - A combination of light distributed by all individual zones

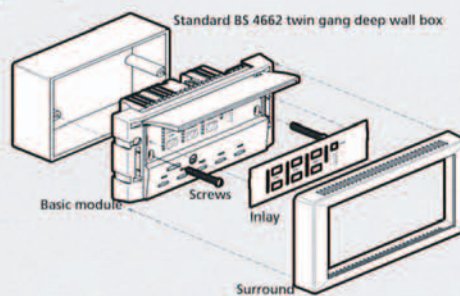
**The Core Unit of SceneMaster - Master Control Unit
Front View**



Rear View

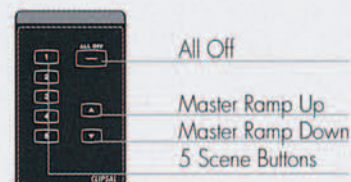


Mounting Diagram

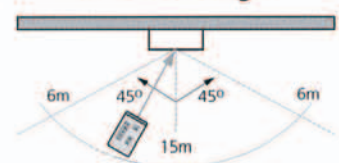


Infrared Remote Control is a accessory unit of SceneMaster.

This hand-held control unit allows you scene selection, masterly intensities. Switching off and temporarily changing of light.



Detection Range





**ELECTRONIC
PRODUCTS
SCENEMASTER
FLUORESCENT
INTERFACE**



E2400AM
1-10VDC controlled
dimmable electronic ballast

Designed to IEC 829

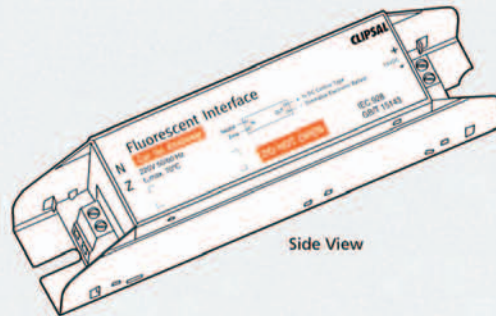


Dimension
30(W) x 150(L) x 34(H)mm

TECHNICAL SPECIFICATION

Fluorescent Interface is a load side unit of SceneMaster. It is designed to allow SceneMaster to control brightness of fluorescent lights by providing 1-10VDC signal to DC controlled dimmable electronic ballast.

Front View



Side View

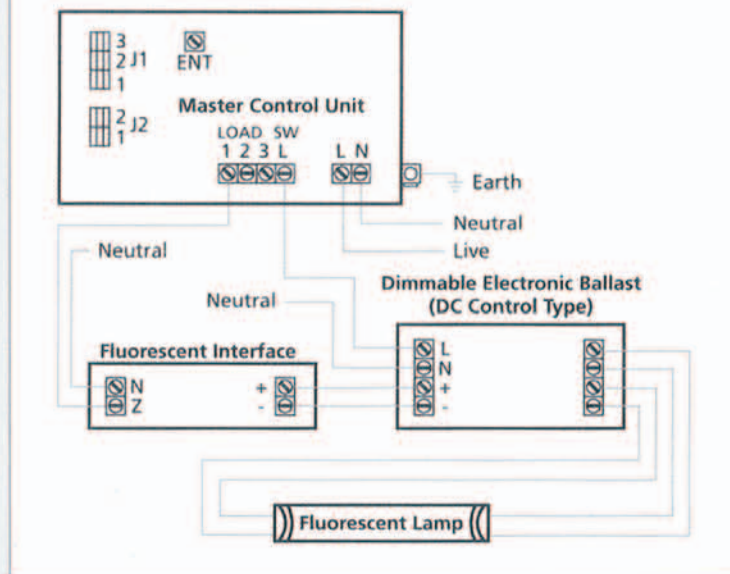
Rear View

Neutral
Zone Control
Input



To Dimmable
Electronic
Ballast (DC Control Type)

Wiring Diagram





**ELECTRONIC
PRODUCTS
SCENEMASTER
IR REMOTE
CONTROL DIMMER
250V 10AMP, 500W**

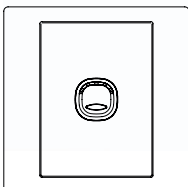


E2031E2PBUDIR-WE
10A 1gang 500W Universal
Infrared Dimmer with Remote
Control transmitter

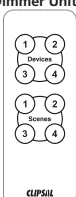
E2031E2PBUDLR-WE
10A 1gang 500W Universal
Infrared Dimmer without
Remote Control

32E8TXIR
Infrared Remote Control
transmitter

Designed to IEC 60669-2-1
EMC Compliant



Dimmer Unit



IR Remote Control

Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

E2000 IR DIMMER TECHNICAL SPECIFICATION

PRODUCT DESCRIPTION

The Clipsal E-format or A-format 2000 Series 1-2 Gang Infrared Control Universal Dimmer units are two-wire retrofit devices. They are designed to replace most standard wall switches with little or no modification to the mounting enclosure. They can also be switched and dimmed via Infrared Remote Control, which is supplied with the dimmer unit.

Lighting control dimmer shall be of solid state MOSFET design, universal dimmer circuitry and EMC compliant. It should be applicable to control the light output of dimmable fluorescent load, dimmable electronic low voltage tungsten halogen lamp, iron core magnetic transformer low voltage tungsten halogen lamp and conventional incandescent lamp (GLS lamp). Operating voltage 220-240V 50Hz single phase AC supply. Dimmer shall equip with Automatic recoverable overload and short circuit protection circuitry.

Load ratings: One gang 500VA*, Two gang 250VA per gang

* for resistive loading

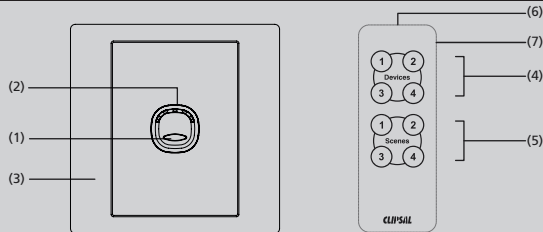
FEATURES

- Soft start feature gradually ramps up the brightness of the lamp increasing the lamp life by reducing thermal shock and damage to the lamp at turn on.
- EMC compliant
- Compatible with R, L & C load types
- Short Circuit Protection
- Thermal Overload Protection
- 2 Wire retrofit design
- Built in memory returns the dimmer to it's last preset level after power failure
- Dimming range - Approx 20-97%
- Last dimming position memory



Noise Free Operation	True Mixed Load capability Auto-switch between Leading and Trailing Edge Dimming Best-in-class Protection
True Mixed Load capability	Permits ohmic, inductive and capacitive load types to be operated simultaneously on one channel while Common "mixed load" dimmers does not allow inductive and capacitive load types to be combined on one channel
Leading / Trailing Edge Dimming Auto Switch	"Dynamic Load Type Detection" checks the load type every time that the dimmer is switched on or off. NO manual action is needed to choose the dimming phase control method. NO reset procedure is needed when light source is changed
Best-in-class Protection	Direct short-circuit protection with manual reset. Double thermal protection control override against excessive ambient temperature or overloading with automatic recovery; and cutout protection against catastrophic device failure Stable operation under unstable electricity supply withstands line voltage ripple signal injection, voltage variations and frequency variations (+/- 3Hz)

LINE DIAGRAM



- (1) IR Receiver: receives infrared signals from the IR Remote Control.
- (2) LED Lamps: indicate the corresponding dimming positions.
- (3) Surround: removable frame cover the mounting screws.
- (4) IR Device Keys: remote switching or dimming the lights via IR Transmission.
- (5) IR Scene Keys: set and dim a lighting scene via IR Transmission.
- (6) IR Transmitter: transmits IR signals to be received by the IR Receiver.
- (7) Program button: set program.

SPECIFICATION

Infrared Remote Control Dimmer

Voltage	: 220V a.c. to 240V a.c., 50 Hz
Power Rating	: 500W
Load Typ	: Incandescent Lamps, iron-core low voltage lighting and electronic low voltage lighting.
Dimming Range	: Approximately 20 - 97%
No. of channels per dimmer	: 1
Operating Temperature	: 0°C - 40°C Ambient
Operating Humidity	: 0 - 95% RH, non-condensing
Storage Temperature	: 0°C - 60°C
Mounting Centre	: 60.3mm
Mounting Wall Box	: BS4662, minimum 35mm deep
Dimensions	: 87mm x 87mm x 35.05mm

IR Remote Control

Power Supply	: 3V CR2025 battery
Transmission Media	: Infrared light, wavelength 940nm
Transmission Range	: 10m maximum at right angle; 8m at 45 approximately
Carrier Frequency	: 38 kHz
Dimensions	: 86mm x 33mm x 8.1mm

Note: User may purchase additional dimmers for complex applications without the expenses of redundant remote control. Please specify Cat. No.E2031E2PBUDLR switch assembly only in this case. Cat.No. 32E8TX/IR Remote Controller, only sold as spare part, is also available at your local Clipsal sales office when replacement of such is necessary.

OPERATIONS

Using the Switch Panel

1. With a short press of the button, the switch turns On or Off. When the channel is turned off with a short press of the button, the unit remembers the last channel level as the memory level. When the channel is turned on again with a short press it recalls this memory level.
2. With a long press of the button (hold over 0.4 second), the lights fade in/out in repeated cycles no matter the switch is On or Off. Releasing the button will stop the dimming cycle. The switch is by default set at fading out. The light intensity will be ramping up and down with each subsequent long press. For example, when the switch is On, the lights will fade out with a long press by default. Release the button and with another long press, the lights will gradually increase the brightness. Whilst dimming, if the level reaches the minimum or maximum level then the dimming will pause for 1 second and the unit will start dimming in the opposite direction. A single ramping cycle takes approximately 10 seconds to complete. If a button is not pressed for 15 seconds, the dimming is set at fading out by default again.
3. With a double click of the channel button, the lights will ramp up to maximum brightness in approximately 4 seconds when the channel is Off; while the lights will turn off in the same rate when the channel is On.
4. The LED indicator slightly illuminates when the channel is Off to indicate the last channel level and the switch is easily recognized in dark.
5. When recovering from a power failure, the unit will restore the last channel level after a 10 second delay. Pressing a channel button on the Dimmer Unit cancels the delay. The IR Remote Control does not work during this delay time.

Using the IR Remote Control

1. Operating the Device buttons on the IR Remote Control is similar to the button on the switch panel. However, IR Remote Control does not support double click function.
2. By default, the dimmer unit is programmed to use Device button 1 of the remote control.
3. The Scene buttons allow the user to program up to 4 lighting memories that will be activated when the Scene button is pressed. Many channels can be programmed to respond to a single IR Remote Control Scene button.

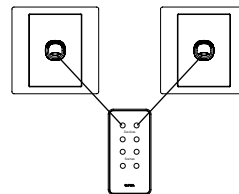
Programming the Device Buttons of the Remote Control

- Keep pointing the IR Remote Control at the IR receiver on the dimmer during programming.
1. Press the Program button on the side of the remote. The indicator on the dimmer unit will flash rapidly.
 2. Press the desired Device button on the remote control. The indicators on the dimmer unit will flash slowly.
 3. Press the button on the dimmer unit. The indicator will stop flashing and the dimmer is programmed in responding to the desired Device button on the remote control.

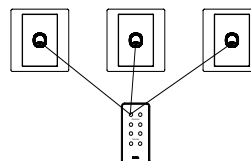
COMPLEX APPLICATION

Below are some examples of application topology. You may use your imagination to explore some other sophisticated or dramatic applications.

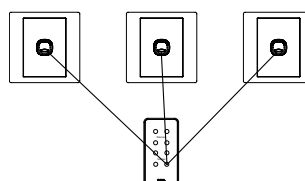
Dimming multiple dimmers individually from one remote
Setting a preset for each channel individually



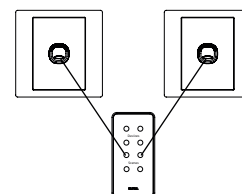
Dimming control of multiple dimmer units from a single Device button



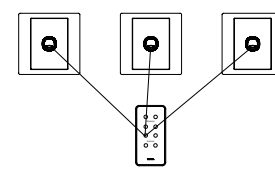
All off function



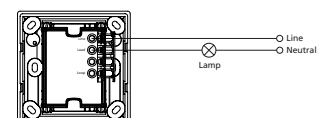
Dimming multiple dimmers individually from one remote
Setting a preset for each channel individually



Setting a Scene across multiple dimmers



Wiring Diagram



ELECTRONIC PRODUCTS MOTION CONTROL SWITCH



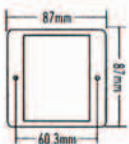
E2751

1gang 3wires for Fluorescent Load

E2751/2

1gang 2wires for Incandescent Load

Designed to BSEN 60730-1

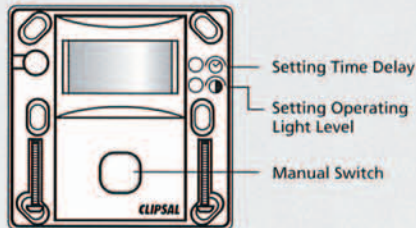


Suitable Mounting Boxes

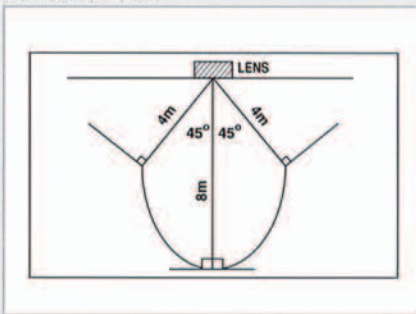
- E157E (0.9mm T, 35mm D)
- E157E HD (1.1mm T, 35mm D)
- E157ED HD (1.1mm T, 47mm D)
- E2000SM-1, E238, E238E

TECHNICAL SPECIFICATION

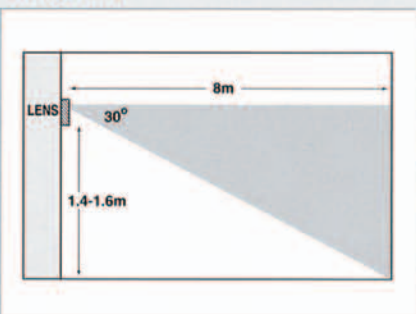
Motion Control Switch is an automatic light switch that instantly activates lighting response to body movement within specific detection zone. Once the area is vacated, the same lights are then turned off after an adjustable time delay period.



Detection Area Horizontal View

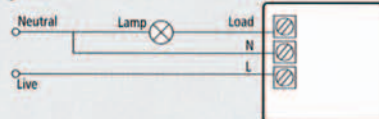


Vertical View

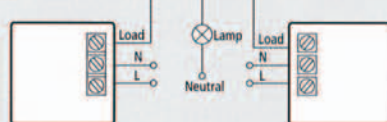


Wiring Diagrams

One way wiring



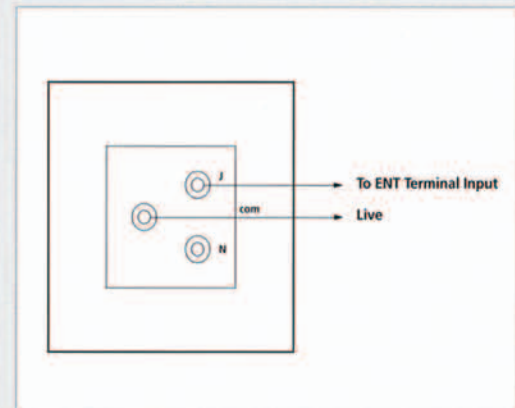
Multi-point control



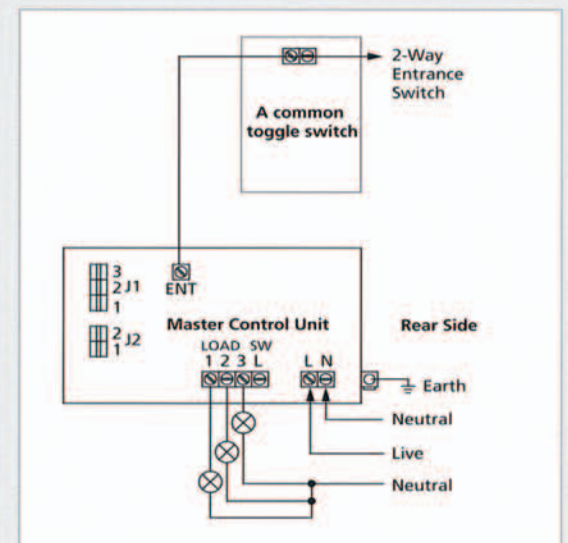
ENTRANCE SWITCH - TECHNICAL SPECIFICATION

Entrance Switch is a momentary switch and mainly designed to provide a 2way ON/OFF control near the entrance of any indoor area, the lighting controlled by the SceneMaster unit can be turned OFF and ON more conveniently

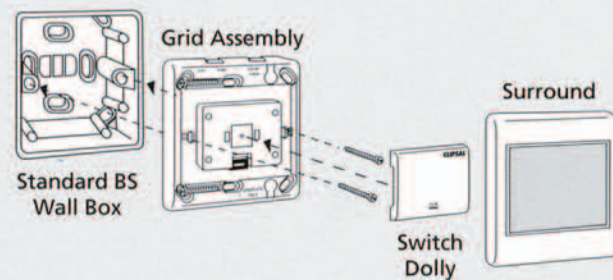
Rear Side



Wiring Diagram



Mounting Diagram



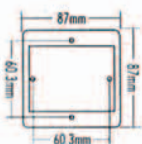
**ELECTRONIC
PRODUCTS
SCENEMASTER
ENTRANCE SWITCH
250V 10AMP**



**MEGA
2000**

E2431LC2
10A 1 gang 2way

BS: 3676



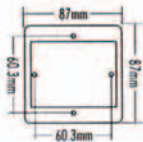
Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

**ELECTRONIC
PRODUCTS PRESS
DIMMER 250V
400W & 600W**



E2031LPD600
1gang 600W Press dimmer
E2032LPD400
2gang 400W Press dimmer

BS: 5518
Mounting box must be 35mm deep

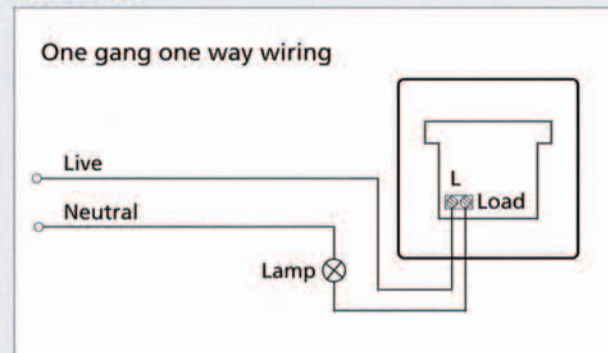


Suitable Mounting Boxes
-E157E (0.9mm T, 35mm D)
-E157E HD (1.1mm T, 35mm D)
-E157ED HD (1.1mm T, 47mm D)
-E2000SM-1, E238, E238E

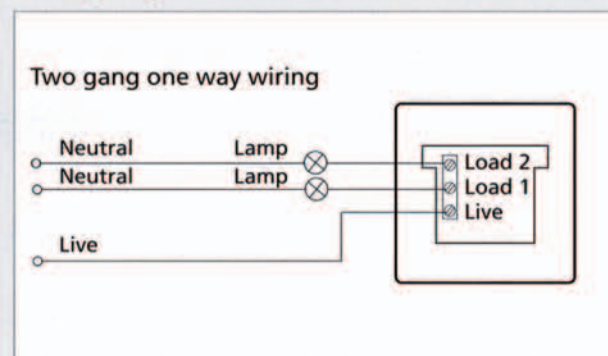
TECHNICAL SPECIFICATION

Press Dimmer Switch is a momentary switch and mainly designed to provide a 2way ON/OFF control for near the entrance of any indoor area, the lighting controlled by the SceneMaster unit can be turned OFF and ON more conveniently.

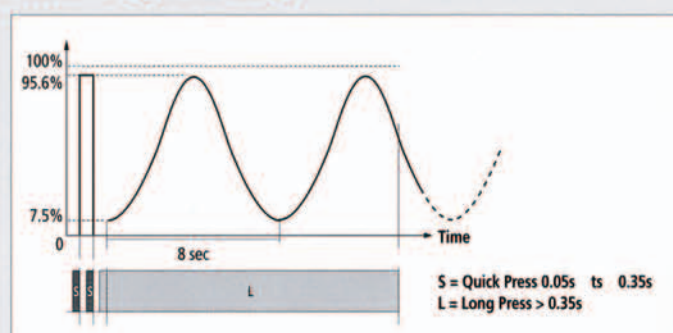
Rear Side



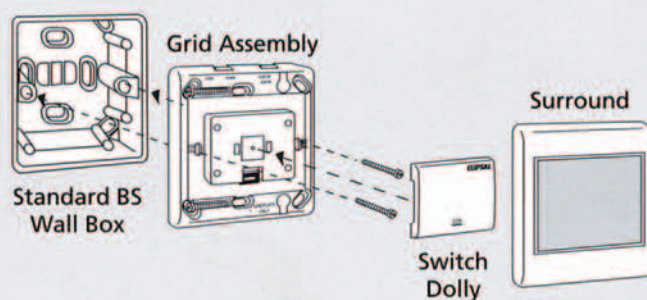
Wiring Diagram



Relative Light Intensity



Mounting Diagram





**ARCHITRAVE
SURFACE
MOUNTING
BOXES**



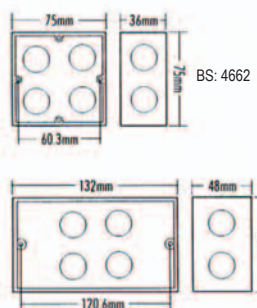
E70/2
1 gang
E70/4
2 gang



**METAL FLUSH
MOUNTING
BOXES**



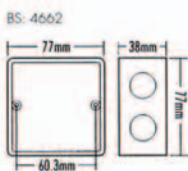
E157
1 gang
E157E
1 gang with earth
3"x3", 0.9mm thick,
35mm deep GI box
ET157DE
2 gang deep with earth
E157C20
20mm wall box coupler
E157E HD
3"x3", 1.1mm thick,
35mm deep GI box
ET157E HD
3"x6", 1.1mm thick,
35mm deep GI box
E157ED HD
3"x3", 1.1mm thick,
47mm deep GI box
ET157ED HD
3"x6", 1.1mm thick,
47mm deep GI box



**SURFACE
MOUNTING
BOXES**



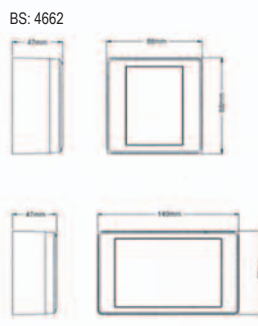
E257
1 gang
E257E
1 gang with earth
ET257DE
2 gang deep with earth
E157E
3"x3", 0.9mm thick, 35mm
deep GI box
ET157E
3"x6", 0.9mm thick, 35mm
deep GI box
E288
1 gang surface box
E238/2
2 single gang surface box
E238E
1 gang with earth, surface box
ET238E
2 gang surface box
ET238/2E
2 single gang with earth,
surface box
ET238E
2 gang with earth, surface box



**SURFACE
MOUNTING BOXES
SURROUND**



E2000SM-2
Single gang surround
ET2000SM-2
Twin gang surround



**SURFACE
MOUNTING
BOXES ADAPTER**

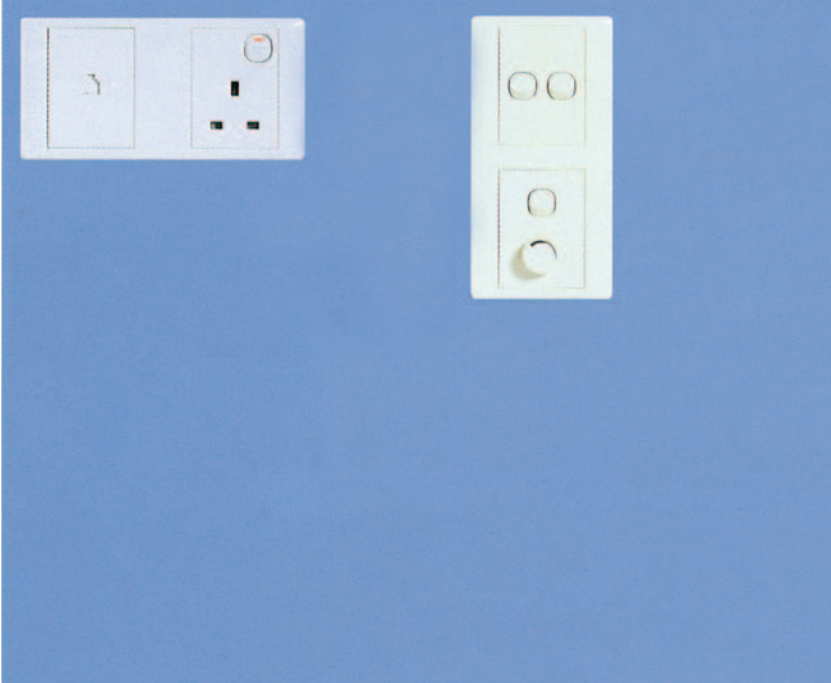


E2000SM-1
Single gang adapter
ET2000SM-1
Twin gang adapter





DIFFERENT COMBINATION



Flush Plates

E2031

1 gang flush plate
(Grid + Surround)

E2031-1

1 plate grid
(without surround)

E2032

2 gang flush plate
(Grid + Surround)

E2032-CM

2 gang flush plate, Cream
(Grid + Surround)

E2032-1

2 gang grid plate
(without surround)

E2033

3 gang flush plate
(Grid + Surround)

E2033-CM

3 gang flush plate, Cream
(Grid + Surround)

E2034

4 gang flush plate

ET2036

6 gang flush plate

ET2036-CM

6 gang flush plate, Cream

ET2038

8 gang flush plate

E2031X

1 gang Blank plate with
blanking plug or Cap
(30P Mechanism)

E2031X-CM

1 gang Blank plate with
blanking plug or Cap,
Cream
(30P Mechanism)

*Flush plate includes Grid & Surround
Grid plate is offered without Surround*

NOTES

E2000 SERIES TV FM SAT WALL SOCKET



E2033SMATV, WE
Grid 3G Triplex SAT TV FM

E2033SMATVL, WE
Grid 3G Triplex SAT TV FM Loop

TECHNICAL SPECIFICATION

Model : Triplexer, Loop-Through Type

Description		Freq. Range(MHz)	1504SMATV
Insertion Loss	IN - FM	87.5 ~ 125	11 ± 2.0 dB
	IN - TV	40 ~ 70	11 ± 1.5 dB
		174 ~ 800	11 ± 1.5 dB
		800 ~ 862	12.5 ± 1.5 dB
	IN - SAT	950 ~ 2150	12 ± 2.0 dB
Isolation (dB) (min)		2150 ~ 2400	12.5 ± 2.5
	OUT - FM	88 ~ 125	22
	OUT - TV	40 ~ 862	20
	OUT - SAT	950 ~ 2400	16
	TV - FM	88 ~ 125	20
	TV - SAT	40 ~ 2400	6
Return Loss (dB)min	FM - SAT	40 ~ 860	22
	IN	40 ~ 2400	5
	FM	87.5 ~ 125	8
	TV	40 ~ 862	5
Connectors	SAT	950 ~ 2400	5
	RADIO	"IEC" Female	
	TV	"IEC" Male	
	SAT	"F" Female	
Impedance		75 Ohm	
Dimension (with connectors)		70(L)x67.6(W).36(H)mm	
Weight		0.11 Kg	
Housing (with EMI shielding)		Zinc alloy die-casting with zinc plated	

Model : Triplexer, Terminal Type with Power Passing

Description		Freq. Range(MHz)	1504SMATV
Insertion Loss	IN - FM	88 ~ 125	2 ± 1.5 dB
	IN - TV	40 ~ 70	1 ± 1.5 dB
		174 ~ 862	2 ± 1.5 dB
	IN - SAT	950 ~ 2150	2 ± 1.5 dB
		2150 ~ 2400	2 ± 1.5
Isolation	TV - FM	88 ~ 108	20 dB min
	TV - SAT	40 ~ 2400	6 dB min
	FM - SAT	40 ~ 860	30 dB min
	IN	40 ~ 2400	5 dB min
Return Loss (dB)min	FM	87.5 ~ 125	8 dB min
	TV	40 ~ 862	5 dB min
	SAT	950 ~ 2400	5 dB min
	RADIO	"IEC" Female	
Connectors	TV	"IEC" Male	
	SAT	"F" Female	
Impedance		75 Ohm	
Dimension (with connectors)		70(L)x67.6(W).36(H)mm	
Weight		0.11 Kg	
Housing (with EMI shielding)		Zinc alloy die-casting with zinc plated	

Description

This is a TV, FM and Sattelite TV Socket Outlet in E2000 format. Including two models as below :

- With single input cable & looping facility (MX-600-10)
- With single input cable & w/out looping facility (MX-600)

Features

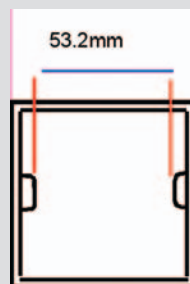
- Built-in duplexers to separate FM, TV and satellite I.F. bands
- 3 output ports dedicated for FM, TV and satellite signals
- Single coaxial cable conveys TV/FM/SAT signals
- RFI shielding zinc alloy die-casting case integrated with connectors
- Solder less clamp terminal
- Size : 87mm (L) x 87mm (W) x 33.2mm (H)
- Load types & ratings : 75 ohm
- UV rating : No exposure to direct radiation from sunlight
- Box standard/non standard : BS4662 : 1970
- Box size/depth : >=30mm surface mounting
>=35mm for flush mounting
- Cable sizes/no of cable : Std TV cables/Two
- Operating Temperature : -5~40 deg C
- Humidity : 0-95%RH

With single input cable & looping facility

- 3 different tap values available for loop-through distribution

Installation instruction

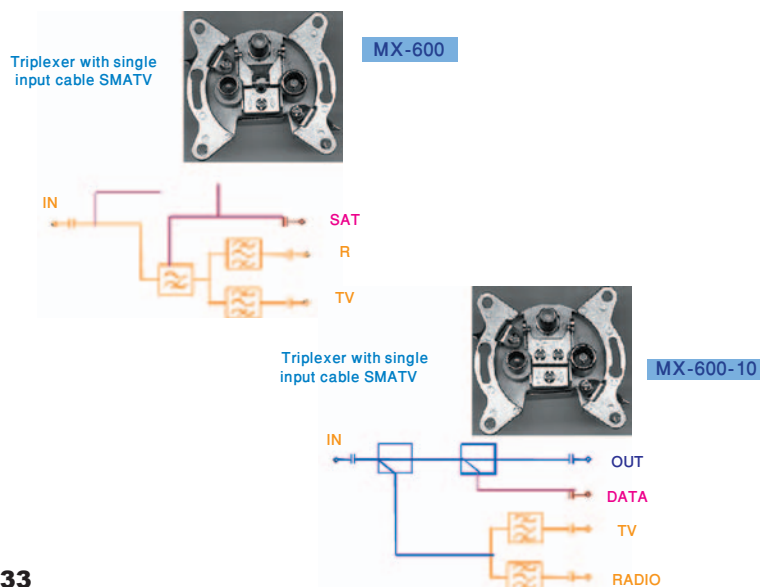
- The installations must be carry out by competent certified satellite installers and consultants specialized in these field
- Clipsal will not be legally liable should any anomaly arise as a result of wrong application or usage. It is strongly recommended that the right SMATV Outlet is used for the appropriate application.
- The contactor shall used the mounting box as per below detail :-



Main Application

- MX-600-10 : Triplexer with looping, Suitable for houses, condominium & apartment with single incoming mixer coaxial cable for TV/FM/SAT inputs, with looping facility.
- MX-600 : Triplexer Terminal type, Suitable for houses, condominium & apartment with single incoming mixer coaxial cable for TV/FM/SAT inputs

WIRING DIAGRAM



This image shows a single sheet of white paper with horizontal blue lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

NOTES

COVER BACK