

PDL 1600 *Designer* SERIES



THE ULTIMATE
CHOICE IN DESIGN
AND INNOVATION
OF ELECTRICAL
PRODUCTS.



PDL ELECTRICAL PRODUCTS 

Switch on to New Standards in Elegance



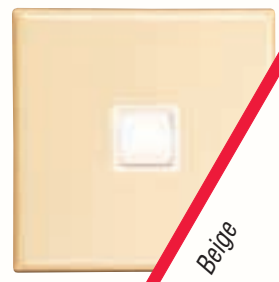
Gold



Silver



White



Beige

The PDL 1600 Designer Series is a significant breakthrough in style and design excellence - a perfect combination of good looks and feature-rich practicality that brings new heights in elegance. From the range of high quality plate finishes to the stylish, chamfered edges, PDL's 1600 Designer Series will blend in beautifully with any decor. The high

quality finish - unhindered by any visible screw caps - combines the practical advantages of a shiny, highly polished switch plate with the fashionable, unobtrusive appearance. Designed in consultation with practising electricians and endorsed by leading architects, the PDL 1600 Designer Series is a uniquely elegant addition to today's decor and design.



Grey



Light Blue



Light Green



Magnolia

The Obvious Choice...

Over seventy practising international electrical contractors were involved in setting the design and feature specifications of the PDL 1600 Designer Series.

Behind the switch plates are a host of innovative time-saving installation and safety features built into the design. Extensive testing at an independent Telarc-registered laboratory has included electrical and mechanical endurance switching – equivalent to 100 years of ordinary use – bears testimony to the superiority of the PDL switch.

The 1600 Designer Series utilises the world-leading innovation of the front-loading 1500 Series module and is compatible with the full range of 1500 Series specialty modules.

Designed by New Zealanders for international markets, the new 1600 Designer Series is superior in so many ways.

Opposite are just ten reasons why PDL's 1600 Designer Series is the obvious choice for contractors and architects!

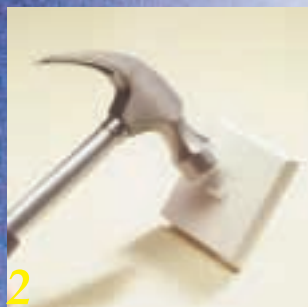


in at least ten ways



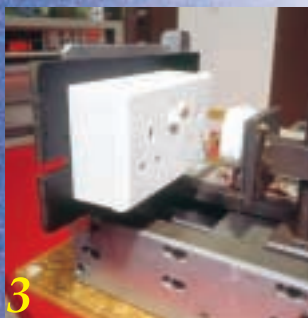
Innovative Front-loading modules

The innovative front-fitting switch modules of PDL's 1600 Series are clipped into a patented face plate and can only be removed by using a special module ejecting tool. Modular system provides versatility.



Modules resist frontal impact

PDL's 1600 Series switch modules cannot be pushed back into the mounting box if they are struck or pushed from the front. Made of polycarbonate, a high-impact engineering resin.



International Standards

The 1600 Designer Series are manufactured to British Standards in an ISO 9002 environment.



Clip-on cover plates

A range of clip-on covers conceal mounting screws and simplify finishing and decorating. Cover plates can be removed for wall painting.



Choice of cover plates in high quality finishes

Cover plates come in two highly popular metal finishes – Gold and silver – plus seven designer colours with an elegant, gloss finish that's easy to clean.



Vandal proof screw option

An optional screw can be used to secure cover plate for added security.



10AX Switch rating

As the 1600 Series utilises the proven 1500 Series mechanism, light switches are rated at 10AX Fluorescent.



High quality gloss finish

All cover plates feature an unobtrusive, aesthetically-pleasing gloss finish which is practical and easy to clean.



Patented earth terminal

PDL socket outlets have a patented earthing system which is unique in that the mounting screw contacts the earth directly, not via the normal hollow rivet.



Switch identification options

Switches can have their functions identified using any one of a series of high-quality identification labels placed underneath a transparent window. No need for engraved modules.

The world's first front-fitting switch module system



PDL's front fitting module system is a patented world first. Unlike other modular ranges of domestic switchgear, PDL's modules clips into place through the front of the switchplate.

This unique safety feature prevents modules being knocked back into the wall cavity from the frontal impact, making them ideal for in use in Government buildings, state houses, universities, schools and any commercial installation where damage caused by the user has to be

corrected by costly maintenance schemes. It also overcomes common domestic installation problems such as TV coaxial modules being pushed back into the wall cavity by coax plugs.

Once fitted, the modules may only be removed from the switchplate with the aid of a special module ejector tool supplied. This unique feature maximises end user safety and prevents low profit return calls.

PDL ELECTRICAL PRODUCTS



PDL Electrical Products are designed and engineered to ISO 9001 in New Zealand by PDL Industries Engineering Centre and manufactured to ISO 9002.

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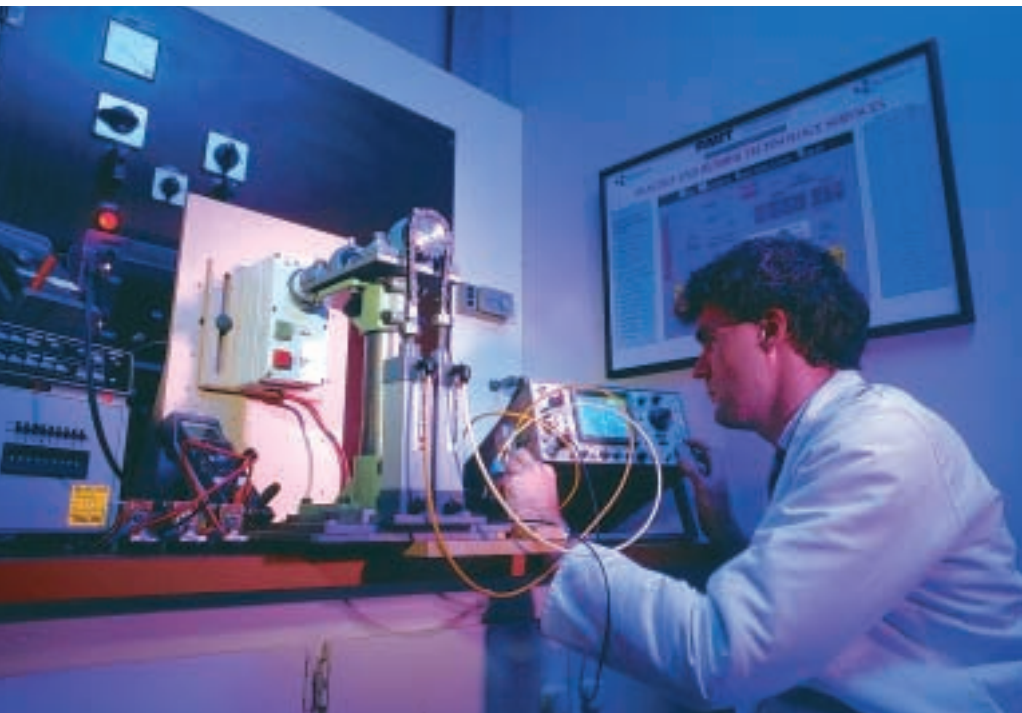
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Quality Management Recognised by IANZ (Telarc) and Asta

All product development at PDL Industries is controlled by a quality management system accredited to ISO 9001 and certified by IANZ (Telarc) New Zealand and ASTA UK. ASTA is a significant UK-based certification authority.

Independent third party quality systems accreditation reinforces, from an international perspective, the excellence and quality of PDL products.



PDL Industries uses an independent Telarc-registered electrical laboratory for its product testing to ensure continuous quality.

Independent third party testing, your guarantee of quality

The design and manufacture of products by PDL Industries has always been backed by third party testing and development facilities.

PDL uses Parkside Laboratories, an independent Telarc-registered electrical laboratory for its product testing and Telarc-endorsed test reports to ensure international product acceptance.

The laboratory, in addition to ensuring technical quality levels are maintained on existing products, is an essential part of the development of new products, ensuring that PDL maintains the highest possible standards as the latest technological ideas are introduced into our product ranges.

This support for product development and an emphasis on testing and retesting prior to product release illustrates PDL Industries' strong product development discipline, taking the concepts of quality design well into the early design stages and right through to introduction to manufacturing.

PDL Electrical Products are designed and engineered to ISO 9001 in New Zealand by PDL Industries Engineering Centre and manufactured to ISO 9002.

1600 Series Flush Wiring Accessories



PDL's 1600 Series - the world's first front fitting modular system of British standard electrical wiring accessories, designed for maximum installer versatility, specifier reliability and end user safety.

The flush mounted 1600 Series from PDL includes 13A and 15A switched and unswitched socket outlets and modular lighting switches plus specialist communication and illuminated modules.

PDL's 1600 Series is moulded from a high-impact polycarbonate formulated exclusively for PDL, giving a contemporary gloss finish that is stylish while being extremely wear-resistant in all domestic and commercial situations. PDL's 1600 Series switches comply with BS 3676 Pt1: 1996. Socket outlets comply with BS 1363 Pt2: 1995 and BS546:1950.

SWITCHES

PLATE SWITCHES

Switches comply with Standards:- BS 3676 Pt1:1996



1681/1W

1681/1W
1 GANG 1 WAY SP
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.
 10AX Fluorescent.

1681/2W
1 GANG 2 WAY SP
 As for 1681/1W.



1682/1W

1682/1W
2 GANG 1 WAY SP
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.
 10AX Fluorescent.

1682/2W
2 GANG 2 WAY SP
 As for 1682/1W.



1683/1W

1683/1W
3 GANG 1 WAY SP
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.
 10AX Fluorescent.

1683/2W
3 GANG 2 WAY SP
 As for 1683/1W.



1684/1W

1684/1W
4 GANG 1 WAY SP
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.
 10AX Fluorescent.

1684/2W
4 GANG 2 WAY SP
 As for 1684/1W.



1681/1W BELL

1681/1W BELL
1 GANG SPRING RETURN
1 WAY SP marked
with BELL symbol
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.

1681/2W BELL
1 GANG SPRING RETURN
2 WAY SP marked
with BELL symbol
 As for 1681/1W BELL.



1681/1W PRESS

1681/1W PRESS
1 GANG SPRING RETURN
1 WAY SP marked
with PRESS wording
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.

1681/2W PRESS
1 GANG SPRING RETURN
2 WAY SP marked
with PRESS wording
 As for 1681/1W PRESS.



1685

1685
1 GANG INTERMEDIATE SP
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.

DIMMER SWITCHES



1693

1693
1 GANG 2 WAY SP
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.
 40-500W Incandescent.

DIMMER SWITCHES cont...



1694

1694
2 GANG DIMMER 2 WAY
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.
 40 - 500W Incandescent.



1691K

1691K
1 GANG DIMMER 1 WAY
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.
 1000W Incandescent.

FAN SPEED CONTROLLER



1697

1697
1 GANG FAN SPEED CONTROLLER
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 Terminals accommodate:
 4-1.5mm sq cables each.
 240V a.c. 50Hz 400VA.



1698

1698
2 GANG FAN SPEED CONTROLLER
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 Terminals accommodate:
 4-1.5mm sq cables each.
 240V a.c. 50Hz 400VA.

CONTROL SWITCHES

Switches comply with Standards:- BS 3676 Pt1:1996



1620

1620
1 GANG 1 WAY DP
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 3-2.5mm sq cables each
 or 2-4.0mm sq cables each.
 250V a.c. 20A Resistive.
 Marked 20A.

1620AC
1 GANG 1 WAY DP
marked AIR CONDITIONER
 As for 1620.

1620WH
1 GANG 1 WAY DP
marked WATER HEATER
 As for 1620.



1620N

1620N
1 GANG 1 WAY DP
with NEON INDICATOR
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 3-2.5mm sq cables each
 or 2-4.0mm sq cables each.
 250V a.c. 20A Resistive.
 Marked 20A.

1620NAC
1 GANG 1 WAY DP
with NEON INDICATOR
marked AIR CONDITIONER
 As for 1620.

1620NWH
1 GANG 1 WAY DP
with NEON INDICATOR
marked WATER HEATER
 As for 1620.

Switches comply with Standards:- BS 4177:1992



1632

1632
1 GANG 1 WAY DP
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 3-2.5mm sq cables each
 or 2-4.0mm sq cables each.
 250V a.c. 32A Resistive.
 Marked 32A.

1632AC
1 GANG 1 WAY DP
marked AIR CONDITIONER
 As for 1632.

1632WH
1 GANG 1 WAY DP
marked WATER HEATER
 As for 1632.

CONTROL SWITCHES cont...



1632N

1632N
1 GANG 1 WAY DP
with NEON INDICATOR
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 3-2.5mm sq cables each
 or 2-4.0mm sq cables each.
 250V a.c. 32A Resistive.
 Marked 32A.

1632NAC
1 GANG 1 WAY DP
with NEON INDICATOR
marked AIR CONDITIONER
 As for 1632N.

1632NWH
1 GANG 1 WAY DP
with NEON INDICATOR
marked WATER HEATER
 As for 1632N.



1645C

1645
1 GANG 1 WAY DP
marked ON, OFF
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-4.0mm sq cables each
 or 3-6.0mm sq cables each
 or 1-16.0mm sq cables each.
 250V a.c. 45A Resistive.

1645C
1 GANG 1 WAY DP
marked ON, OFF, COOKER
 As for 1645.

1645AC
1 GANG 1 WAY DP
marked ON, OFF, AIR
CONDITIONER
 As for 1645.

1645WH
1 GANG 1 WAY DP
marked ON, OFF, WATER HEATER
 As for 1645.



1645NC

1645N
1 GANG 1 WAY DP
with NEON INDICATOR
 Plate size: 89 x 89 x 12.5mm
 Mounting centres: 60.3mm
 Terminals accommodate:
 4-4.0mm sq cables each
 or 3-6.0mm sq cables each
 or 1-16.0mm sq cables each.
 250V a.c. 45A Resistive.

1645NC
1 GANG 1 WAY DP
with NEON INDICATOR
marked ON, OFF, COOKER
 As for 1645N.

1645NAC
1 GANG 1 WAY DP
with NEON INDICATOR
marked ON, OFF,
AIR CONDITIONER
 As for 1645N.

1645NWH
1 GANG 1 WAY DP
with NEON INDICATOR
marked ON, OFF, WATER HEATER
 As for 1645N.

COOKER CONTROL UNITS

Switches comply with Standards:- BS 4177:1992
 Switched Socket complies with Standards:- BS 1363 Pt2:1995



1646NC

1646C
1 GANG 1 WAY DP SWITCH
with 1 GANG SP
SWITCHED SOCKET
 Plate size: 149 x 89 x 12.5mm
 Mounting centres: 120mm
 Terminals accommodate:
 4-4.0mm sq cables each
 or 3-6.0mm sq cables each
 or 1-16.0mm sq cables each.
 DP Switch 250V a.c.
 45A Resistive.
 SP Switched Socket 250V a.c.
 13A

1646NC
1 GANG 1 WAY DP SWITCH
with 1 GANG SP
SWITCHED SOCKET
with NEON INDICATORS
 As for 1646C.

SPECIALTY SWITCHES



1682/2W PAC

1682/2W PAC
2 GANG 2 WAY SP SWITCH
with SPRING RETURN
AIR CONDITIONER
Plate size: 89 x 89 x 12.5mm
Mounting centres: 60.3 mm
Terminals accommodate:
4-1.5mm sq cables each
250V a.c.

Used to activate Air Conditioner
Motor Starters



1683/2W PNAC

1683/2W PNAC
3 GANG 2 WAY SP SWITCH
with SPRING RETURN
and NEON INDICATOR
AIR CONDITIONER
Plate size: 89 x 89 x 12.5mm
Mounting centres: 60.3mm
Terminals accommodate:
4-1.5mm sq cables each.
250V a.c.

Used to activate Air Conditioner
Motor Starters



MODULES

SWITCH MODULES (SIZE 1)

Switches comply with Standards:- BS 3676Pt1:1989



1580M

1580M
1 WAY SP SWITCH MODULE
 2 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.
 10AX Fluorescent.



1580M FAN

1580M FAN
1 WAY SP SWITCH MODULE
marked with FAN symbol
 Terminals accommodate:
 4-1.5mm sq cables each.
 Some of the other options:
 LIGHT, FRIDGE, MICROWAVE,
 HEAT, H.W.S. (Hot Water System).
 ON/OFF, AUTO/MAN, TV.



(Fan symbol)



(Light symbol)

Other marking are available if
 volumes are sufficient.
 250V a.c.
 10AX Fluorescent.

1580M LIGHT
1 WAY SP SWITCH MODULE
marked with LIGHT symbol
 As for 1580M FAN.

1580M BELL
1 WAY SP SWITCH MODULE
marked with BELL symbol
 As for 1580M FAN.

1580M PRESS
1 WAY SP SWITCH MODULE
marked with PRESS wording
 As for 1580M FAN.



1581M

1581M
2 WAY SP SWITCH MODULE
 3 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.
 10AX Fluorescent.



1581M BELL

1581M BELL
SPRING RETURN 2 WAY SP
PRESS SWITCH MODULE
marked with BELL symbol
 Biased N/O.
 3 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.



1581M PRESS

1581M PRESS
SPRING RETURN 2 WAY SP
PRESS SWITCH MODULE
marked with PRESS wording
 Biased N/O.
 3 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.



1585M

1585M
INTERMEDIATE SP
SWITCH MODULE
 4 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c.



581M16HF

581M16HF
SWITCH MODULE SP
with HINGED FLAP

Rating: 230V – 240V a.c.,
 50Hz, 2-Way
 switch module.

SWITCH MODULES (SIZE 1) cont...

Switches comply with Standards:- AS3133.



1580M16N

1580M16N
1W SWITCH MODULE SP
with NEON INDICATOR
250V a.c.
16A resistive.
Neon flying leads can be connected to provide "ON" indication, location of switch when "OFF" or permanently "ON".



1587M10

1587M10
DP SWITCH MODULE
250V a.c.
10AX Inductive to AS3133.

CONTROL SWITCH MODULES

Switches modules comply with Standards:- AS1431 Pt1.



1581M16PBS

1581M16PBS
2 WAY SP SHROUDED PUSH
BUTTON SWITCH MODULE
N/C or N/O.
Terminals accommodate:
4-1.5mm sq cables each.
250V a.c. Operational current
4A AC11.
415V a.c. Operational current
2A AC11.



1581M16PBM

1581M16PBM
2 WAY SP MUSHROOM PUSH
BUTTON SWITCH MODULE
N/C or N/O.
Terminals accommodate:
4-1.5mm sq cables each.
250V a.c. Operational current
4A AC11.
415V a.c. Operational current
2A AC11.



ILLUMINATED MODULES



1515M

**1515M
OPAL SYMBOL
INDICATOR MODULE**
Terminals accommodate:
4-4.0mm sq cables each,
for direct connection to neon.
250V a.c.
Standard symbols available:



NO SMOKING



SHOWER ON



WAITER



ROOM SERVICE

Other markings are available if
volumes are sufficient.



1510MN

**1510MN
NEON INDICATOR MODULE**
250V a.c.

2 Terminals accommodate:
4-1.5mm sq cables each,
for direct connection.
Standard colours available:
Red, Green, Blue, Amber and
Clear.

**1510ML12
LAMP INDICATOR MODULE**
12V a.c./d.c.
As for 1510MN.

**1510ML24
LAMP INDICATOR MODULE**
24V a.c./d.c.
As for 1510MN.

NON-SWITCH MODULES



1593M

**1593M
DIMMER MODULE**
Terminal connection:
Flying leads.
240V a.c. 40-500W
Incandescent



1597M

**1597M
FAN SPEED CONTROLLER MODULE**
Terminal connection:
Flying leads.
240V a.c. 50Hz 400VA.



1588M

**1588M
BUZZER MODULE**
Terminal connection:
Flying leads.
240V a.c.
Noise level not less than 70dB.



1530M

**1530M
CORD OUTLET**
"BELL MOUTH" cable entry
accommodates flexible
cords up to 10 mm diameter,
250V a.c.

COMMUNICATION MODULES



1507M

**1507M
TV COAXIAL OUTLET MODULE**
marked "TV"
Suitable as TV and FM outlets.
Solderless clamp terminals,
Suits 75 ohm coaxial cable.
PAL-type socket outlet.

**1506M
FM COAXIAL OUTLET MODULE**
marked "FM"
As for 1507M.

COMMUNICATION MODULES cont . . .



1541RM

1541RM
RCA AUDIO CONNECTION
SOCKET coloured RED
Solder type terminals.

1541BM
RCA AUDIO CONNECTION
SOCKET coloured BLACK
As for 1541RM.



1516M

1516M
BNC SOCKET
50 Ohm.
Solder terminals.



615MST

615MST
'ST' TYPE FIBRE OPTIC
CONNECTOR MODULE
'ST' multi-mode through
connector.
Comes with two yellow dust
covers in place.



619MD

619MD
RJ45 category 5 telephone
socket module.
IDC terminals.



619MDL

619MDL
Same as 619MD with lid.

DATA MODULES



1519 M6

1519 M6
6-WAY FCC RJ12 TEL SOCKET
MODULE with IDC
TERMINALS



615MF

615MF
'F' TYPE CONNECTOR MODULE
'F' Female/Female through
connector.

DEDICATED SWITCH MODULES

Terminals accommodate 4 x 1.5mm cables each or 2 x 2.5mm cables each.



687M4

687M3
ROTARY SWITCH MODULE
Rating: 230V - 240V a.c.,
Three-position switch module:
0, 1, 2.
Other configurations available.
eg AUTO, OFF, MAN

687M4
ROTARY SWITCH MODULE
Rating: 230V - 240V a.c.,
Four-position switch module:
0, 1, 2, 3.
Other configurations available.

PLATES

FLUSH PLATES



1681

1681
ONE APERTURE
Plate size: 89 x 89 x 12.5mm
Mounting centres: 60.3mm.



1682

1682
TWO APERTURE
Plate size: 89 x 89 x 12.5mm
Mounting centres: 60.3mm.



1683

1683
THREE APERTURE
Plate size: 89 x 89 x 12.5mm
Mounting centres: 60.3mm.



1684

1684
FOUR APERTURE
Plate size: 89 x 89 x 12.5mm
Mounting centres: 60.3mm.

FLUSH COVER PLATES ONLY



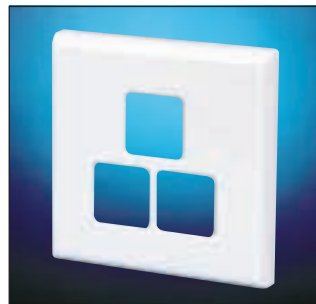
1681CP

1681CP
ONE APERTURE COVER PLATE



1682CP

1682CP
TWO APERTURE COVER PLATE



1683CP

1683CP
THREE APERTURE COVER PLATE



1684CP

1684CP
FOUR APERTURE COVER PLATE

FLUSH COVER PLATES cont . . .



1650CP

1650CP
1 GANG BLANK COVER PLATE

BLANK FLUSH PLATES



1650

1650
1 GANG BLANK PLATE
Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.



1651CP

1651CP
2 GANG BLANK COVER PLATE



1651

1651
2 GANG BLANK PLATE
Plate size: 149 x 89 x 12.5mm.
Mounting centres: 120mm.

FUSED CONNECTION UNITS

Switched sockets comply with Standards:- BS 5733.



1625

1625
1 GANG UNSWITCHED
with CORD CLAMP
and BOTTOM FLEX OUTLET
Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.
Terminals accommodate:
3-2.5mm sq cables each
or 2-4.0mm sq cables each.
250V a.c. 13A Resistive.
2A, 5A Versions also available.



1626

1626
1 GANG SWITCHED DP
with CORD CLAMP
and BOTTOM FLEX OUTLET
Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.
Terminals accommodate:
3-2.5mm sq cables each
or 2-4.0mm sq cables each.
250V a.c. 13A Resistive.
2A, 5A Versions also available.

1626N
1 GANG SWITCHED DP
with CORD CLAMP and
BOTTOM FLEX and NEON
INDICATOR
(See 1626 for details)

CORD OUTLETS

Switched sockets comply with Standards:- BS 5733.



1636

1636
1 GANG CORD OUTLET
UNSWITCHED
with TERMINAL BLOCK
Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.
Terminals accommodate:
3-2.5mm sq cables each
or 2-4.0mm sq cables each.
250V a.c. 20A.

SOCKET OUTLETS

13A SWITCHED SOCKET OUTLETS

Switched sockets comply with Standards:- BS 1363 Pt2:1995



1661

1661
1 GANG SP
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 13A.



1661N

1661N
1 GANG SP
with NEON INDICATOR
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 13A.



1662

1662
2 GANG SP
 Plate size: 149 x 89 x 12.5mm.
 Mounting centres: 120mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 13A.



1662N

1662N
2 GANG SP
with NEON INDICATOR
 Plate size: 149 x 89 x 12.5mm.
 Mounting centres: 120mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 13A.

13A UNSWITCHED SOCKET OUTLETS



1660

1660
1 GANG UNSWITCHED
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 13A.



1668

1668
2 GANG UNSWITCHED
 Plate size: 149 x 89 x 12.5mm.
 Mounting centres: 120mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 13A.

15A SWITCHED SOCKET OUTLETS

Switched sockets comply with Standards:- BS 546:1950.



1667

1667
1 GANG SP
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 15A.



1667N

1667N
1 GANG SP
with NEON INDICATOR
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 15A.

15A UNSWITCHED SOCKET OUTLET



1666
1 GANG UNSWITCHED
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 15A.

1666

16A UNIVERSAL SOCKET OUTLET



1669
UNIVERSAL SOCKET OUTLET
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 2 Terminals accommodate:
 4-1.5mm sq cables each.
 250V a.c. 10/16A.

For use with BS, USA and CEE
 Standard plugs.

1669

DOUBLE POLE SWITCHED SOCKETS



1661DP
1 GANG DP
 Plate size: 89 x 89 x 12.5mm.
 Mounting centres: 60.3mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 13A.

1661DP

1661DPE
1 GANG DP
with SEGREGATED EARTH
 (See 1661DP details).



1661DPN

1661DPN
1 GANG DP
with NEON INDICATOR
 (See 1661DP details)

1661DPNE
1 GANG DP
with NEON INDICATOR AND
SEGREGATED EARTH
 (See 1661DP details).



1662DP

1662DP
2 GANG DP
 Plate size: 149 x 89 x 12.5mm.
 Mounting centres: 120mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 13A.

1662DPE
2 GANG DP WITH
SEGREGATED EARTH
 (See 1662DP details).



1662DPN

1662DPN
2 GANG DP
with NEON INDICATOR
 (See 1662DP details).

1662DPNE
2 GANG DP
with NEON INDICATOR
AND SEGREGATED EARTH
 (See 1662DP details)



1662DPS

1662DPS
2 GANG DP
with SURGE PROTECTOR
 Plate size: 149 x 89 x 12.5mm.
 Mounting centres: 120mm.
 3 Terminals accommodate:
 4-2.5mm sq cables each
 or 3-4.0mm sq cables each.
 250V a.c. 13A.
 (Replacement module SPM
 600).

1662DPNS
2 GANG DP with NEON AND
SURGE PROTECTOR
 (Other details as 1662DPS).

1662DPNSE
2 GANG DP with SURGE
PROTECTOR and NEON
INDICATOR and
SEGREGATED EARTH
 (Other details as 1662DPS).

1662DPSE
2 GANG DP with SURGE
PROTECTOR and
SEGREGATED EARTH
 (Other details as 1662DPS).



SPM600

SPM 600
 MOV replacement module for
 surge protected power points.
 Maximum Discharge
 current 6kA.
 Maximum Operating
 Voltage 275V AC.
 Clamp Voltage 710V@50A.

CHINA SOCKET



1670/15

1670/15 1 GANG UNSWITCHED SOCKET

Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.
15 AMP 250VAC.

HYBRID SOCKET



1679

1679 1 GANG HYBRID SOCKET

Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.
10A/16A 250VAC.

COMMUNICATION OUTLETS



1606

1606 1 GANG FM COAXIAL OUTLET

Suitable for FM applications.
Suits 75 ohm Coaxial.
Clamp terminals: Solderless.
Suits Plug type PAL.
Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.

1607 1 GANG TV COAXIAL OUTLET

As for 1606, but suitable for
TV applications.



1608

1608 1 GANG TV/FM COAXIAL OUTLET

Both modules suitable for
TV and FM applications.
Suits 75 ohm Coaxial.
Clamp terminals: Solderless.
Suits Plug type PAL.
Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.



1609

1609 ISOLATED TV/FM DIPLEXER

Can be used as an outlet on
master aerial systems.
Suits 75 ohm Coaxial.
Suits Plug type PAL.
Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.



1617S

1617S 1 GANG BT TELEPHONE MASTER OUTLET

Termination: Screws
Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.
Includes Spring Return Shutter.
Suits Plug Type BT.

1618S 1 GANG BT TELEPHONE SECONDARY OUTLET

As for 1617S.



1618

1617 1 GANG BT TELEPHONE MASTER OUTLET

Terminals accommodate:
2-0.4mm sq cables each.
or 2-0.5mm sq cables each.
Termination: IDC (Insulation
Displacement Connectors).
Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.
Includes Spring Return Shutter.
Suits Plug Type BT.

1618 1 GANG BT TELEPHONE SECONDARY OUTLET

As for 1617.

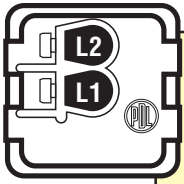


1638/6W

1638/6W 1 GANG 6 WAY TELEPHONE OUTLET

Termination: Screws
Suits Plug Type RJ11
Includes Spring Return
Shutter.
Plate size: 89 x 89 x 12.5mm.
Mounting centres: 60.3mm.

Cat 1580M 1 Way Switch Module Cat 1580M BELL 1 Way Spring Return Switch Module



Rear view of switch modules

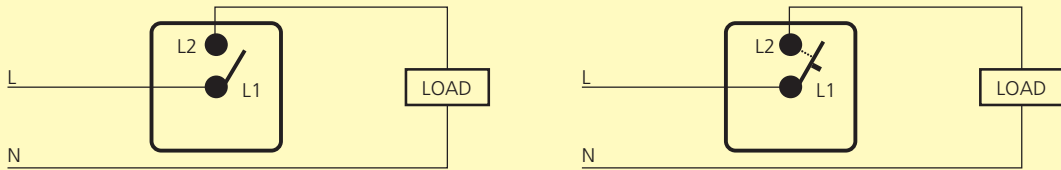
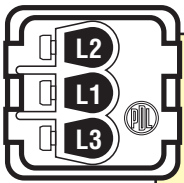


Diagram shows Normally Open (NO) connection

Cat 1581M BELL 2 Way Spring Return Switch Module



Rear view of switch modules

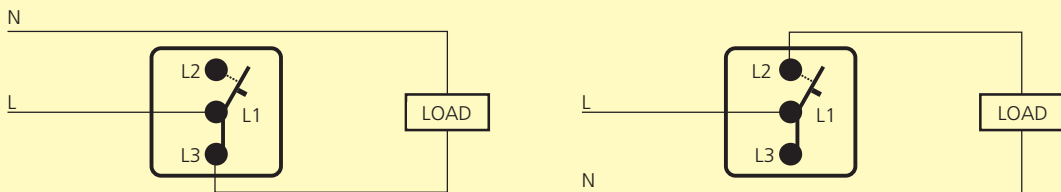
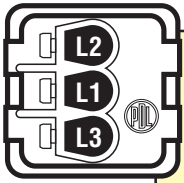


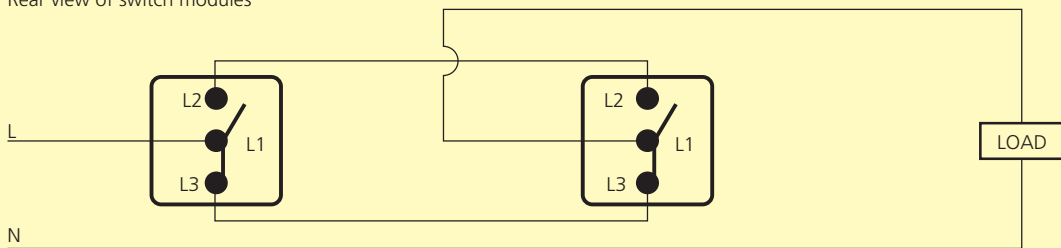
Diagram shows Normally Closed (NC) connection

Diagram shows Normally Open (NO) connection

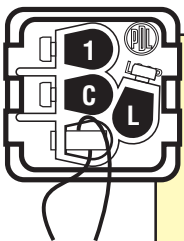
Cat 1581M 2 Way Switch Module



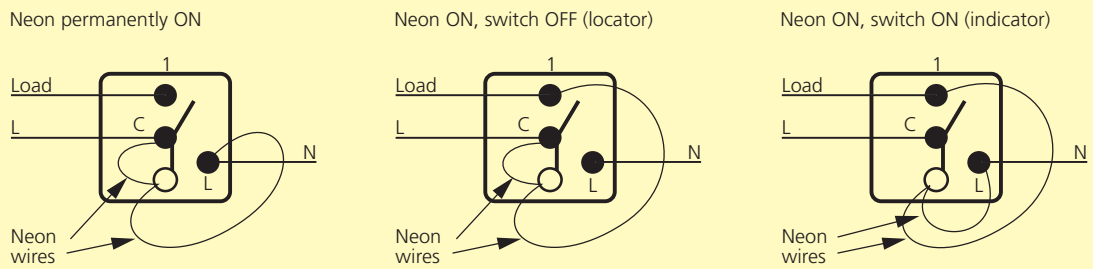
Rear view of switch modules



Cat 1580M16N 1 Way Neon Switch Module



Rear view of switch modules

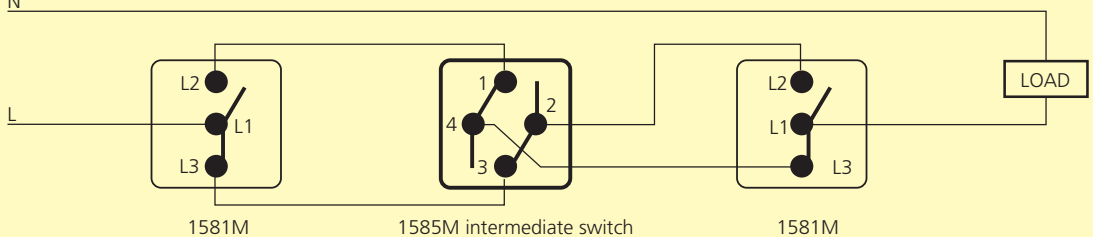


Cat 1585M Intermediate Switch Module



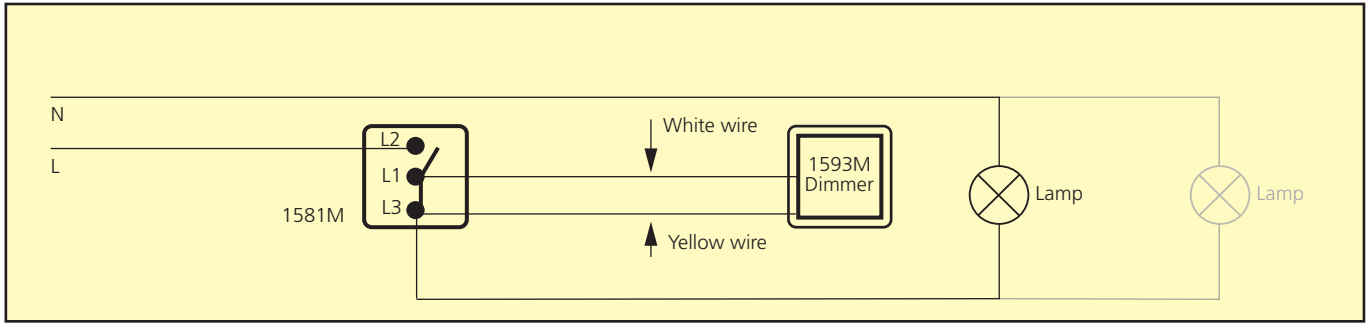
Rear view of switch modules

Any number of intermediate switches can be wired between the 2 way switches

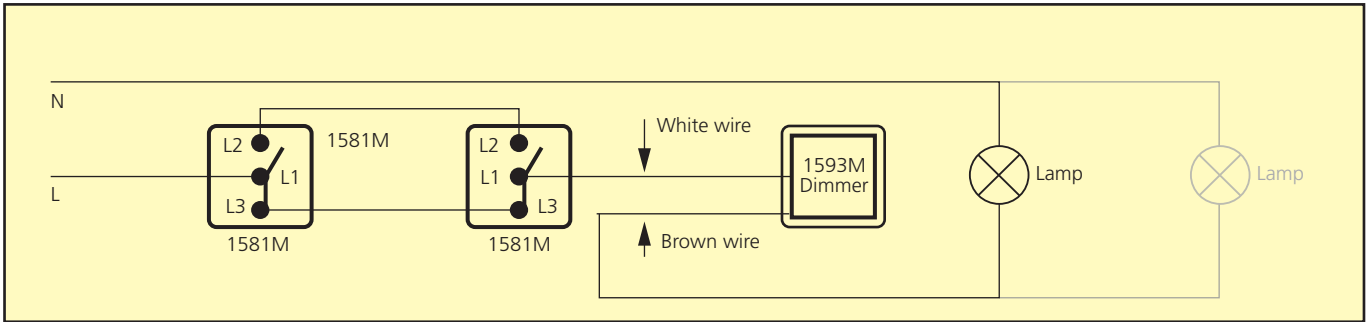


WIRING DIAGRAMS

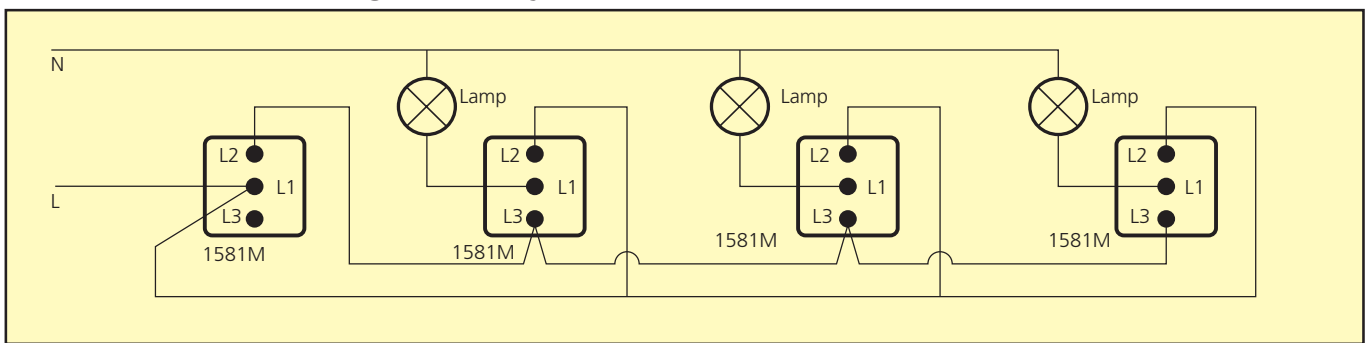
Cat 1593 & 1593M Dimmer (1 way Circuit)



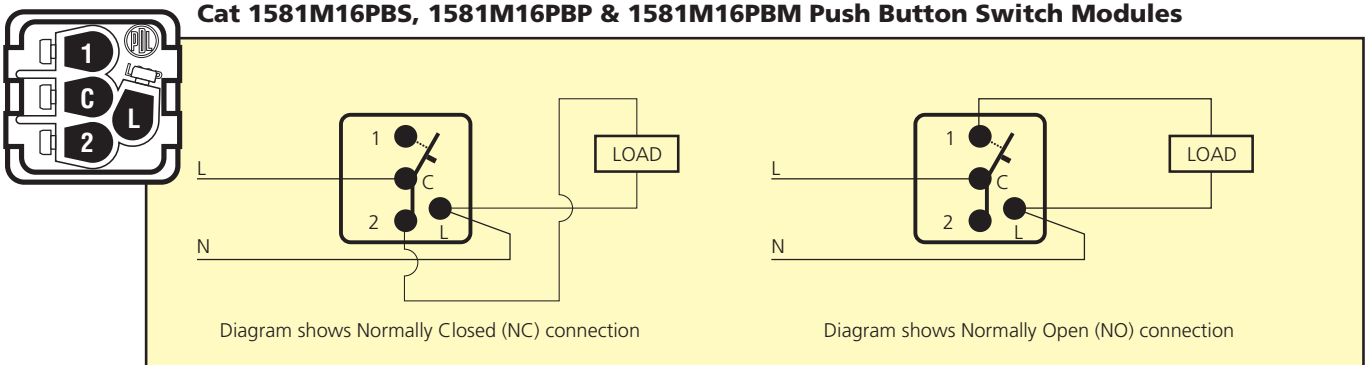
Cat 1593 & 1593M Dimmer (2 way Circuit)



Cat 1581M Master Switching for Security

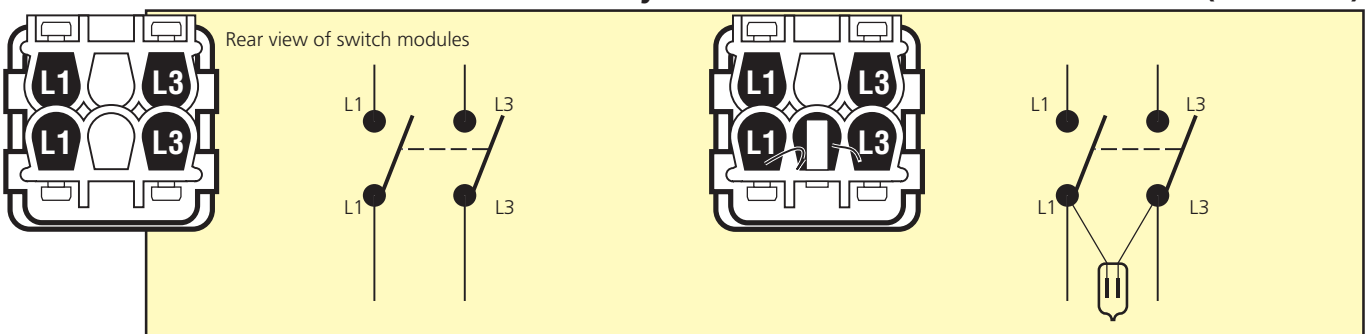


Cat 1581M16PBS, 1581M16BPB & 1581M16PBM Push Button Switch Modules



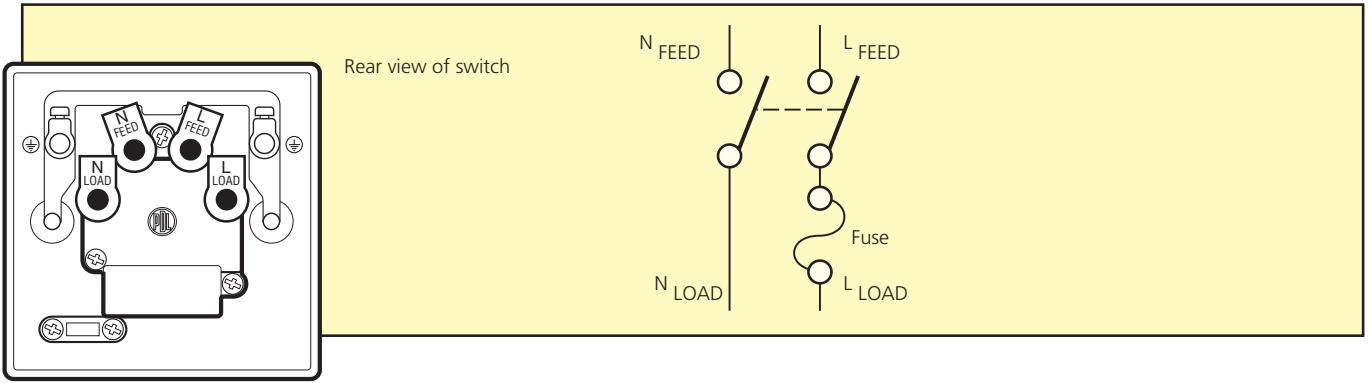
Cat 1520 & 1532 Double Pole 1 Way Switches

Cat 1520N & 1532N (with Neon)



WIRING DIAGRAMS

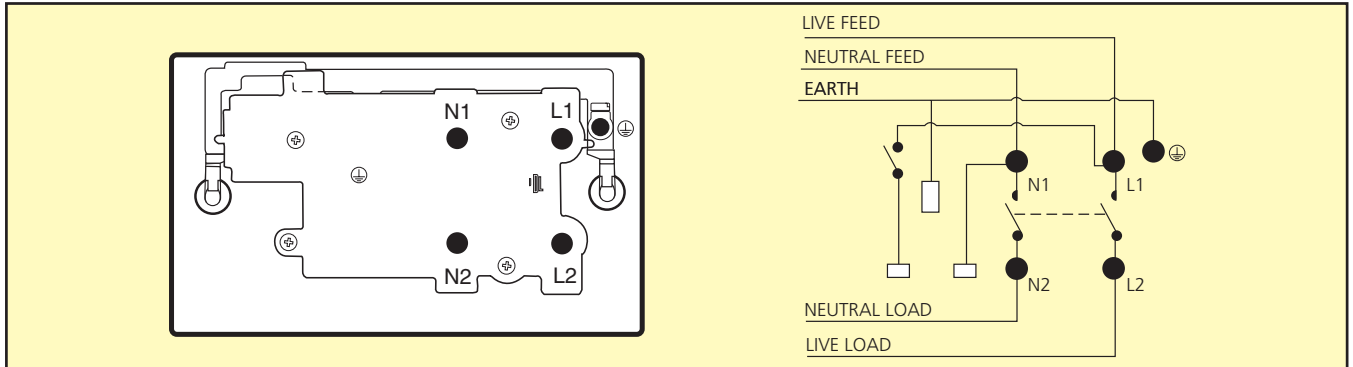
Cat 1626 Fused Connection Unit with DP Switch



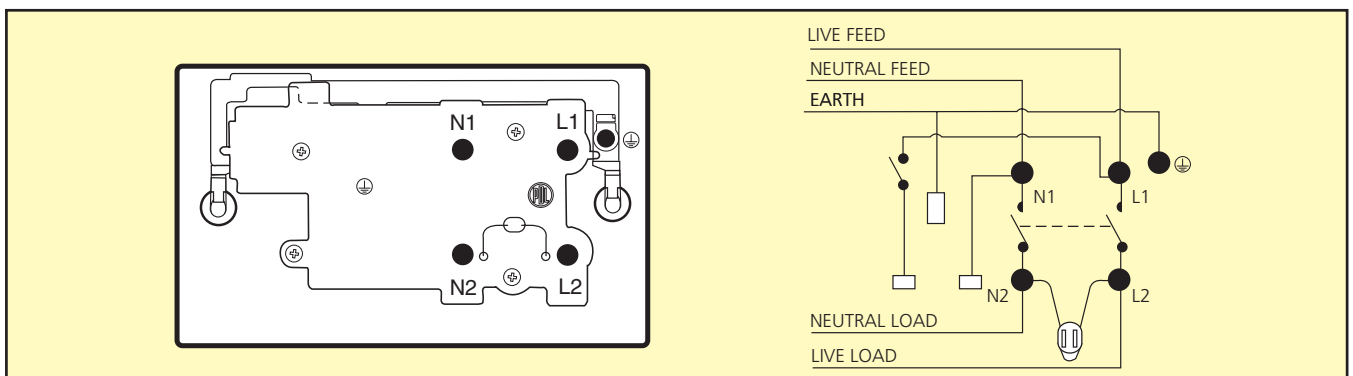
Segregated Earth

These products provide facilities for "Clean Earth Connection". The socket outlet earth being independent of other connections.

Cat 1646C Cooker Unit

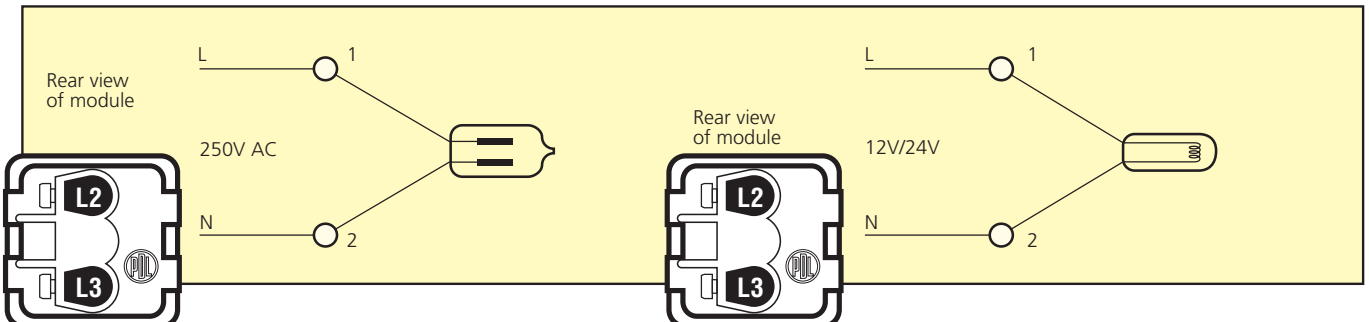


Cat 1646NC Cooker Unit with Neon



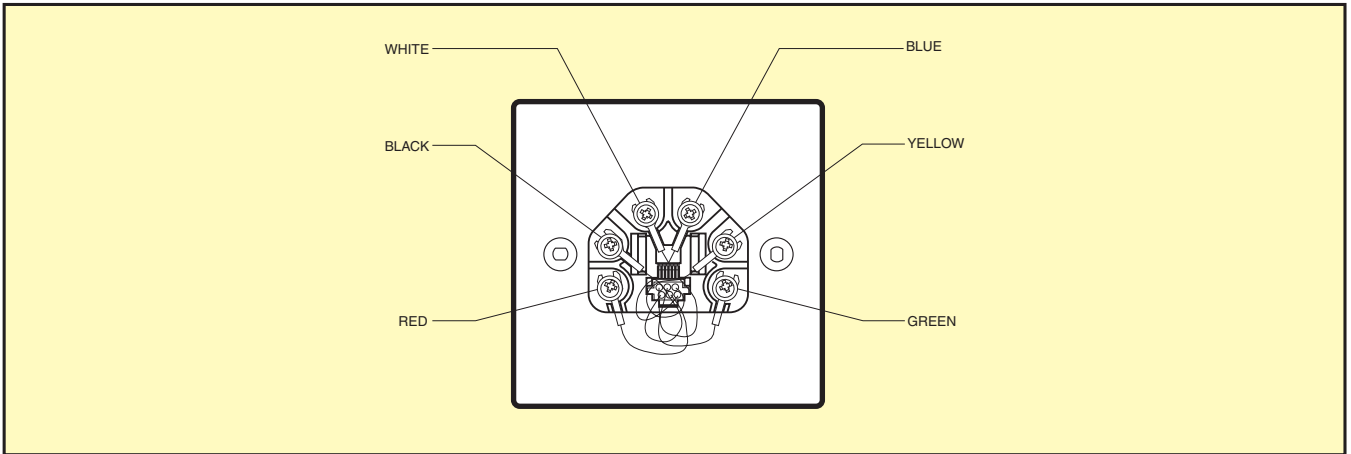
Cat 1515M, 1510MN 250V Indicator Modules

Cat 1510ML12, 1510ML24 12/24V Indicator Modules

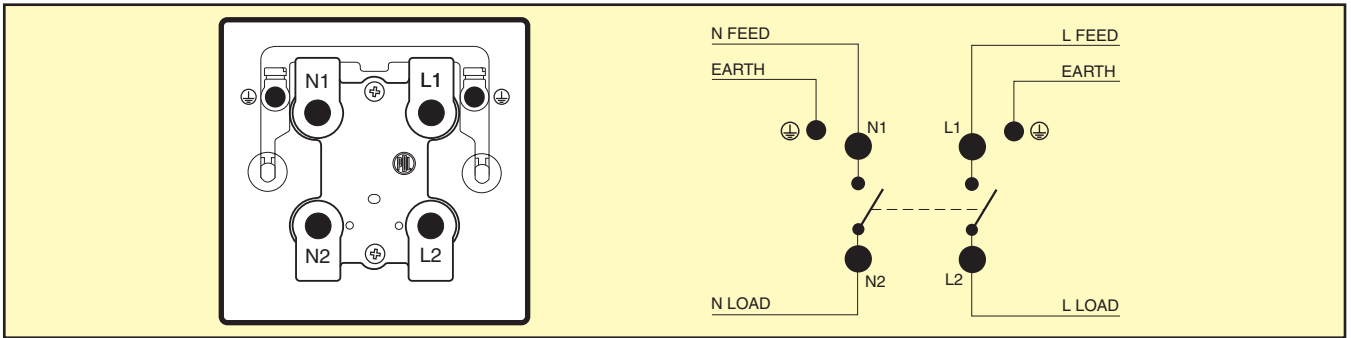


WIRING DIAGRAMS

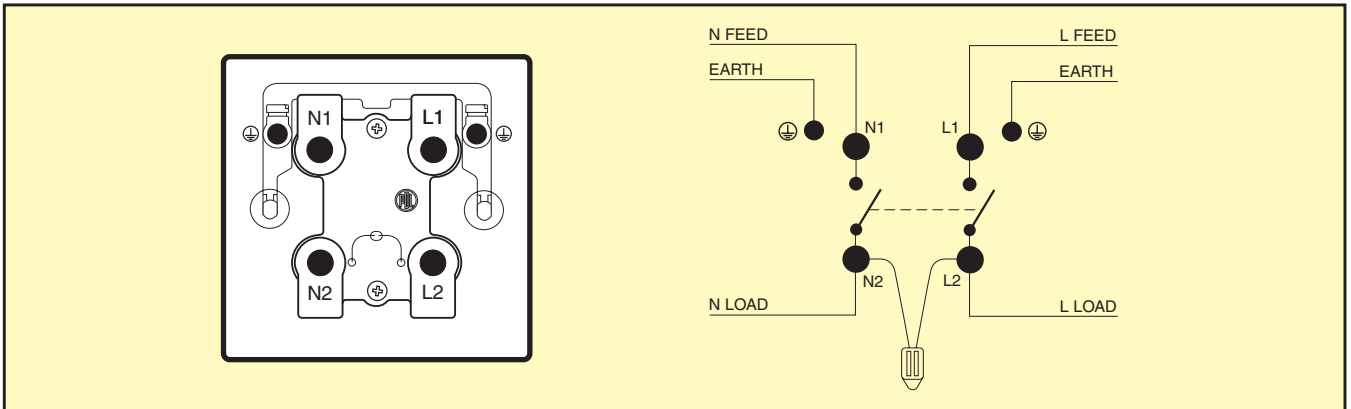
Cat 1638/6W 1 Gang 6 Way Telephone Outlet



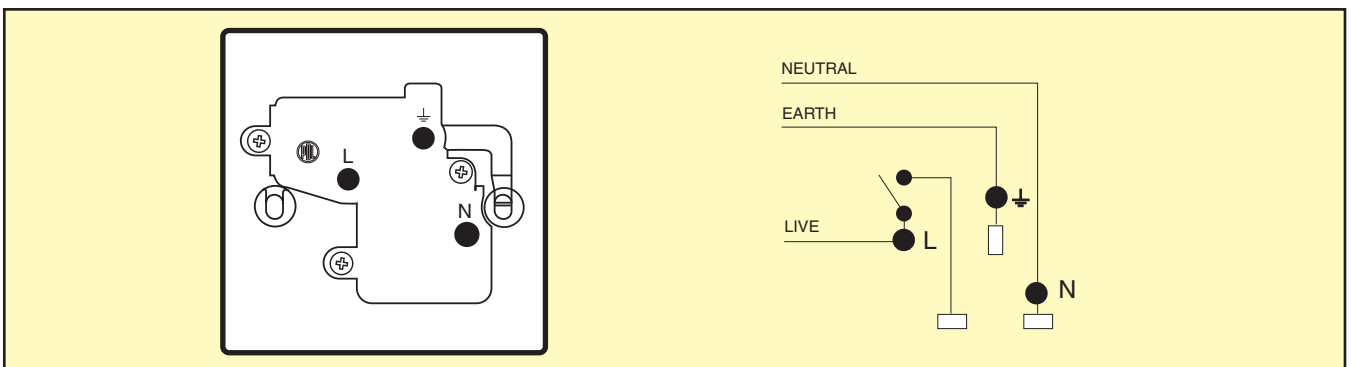
Cat 1645 1 Gang 1 Way DP marked On, Off Switch (45A)



Cat 1645N 1 Gang 1 Way DP with Neon Indicator Switch (45A)

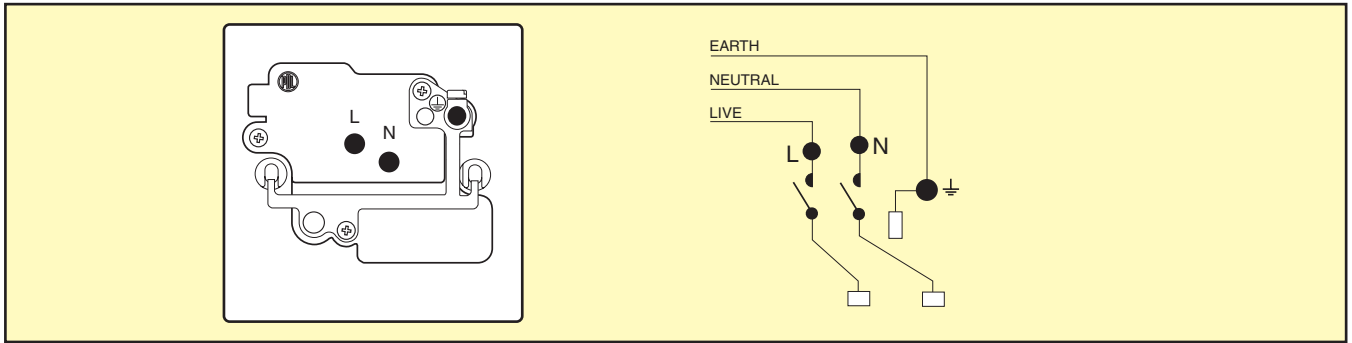


Cat 1661 1 Gang Single Pole Switched Socket

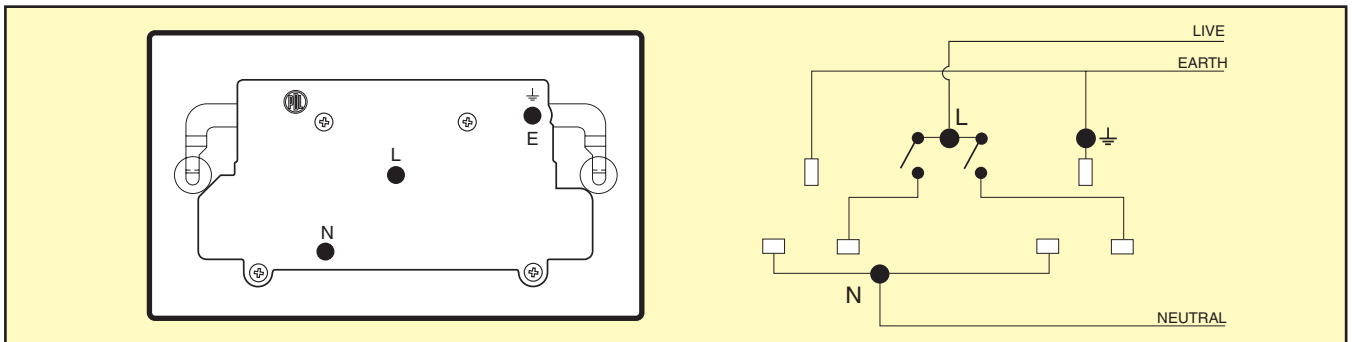


WIRING DIAGRAMS

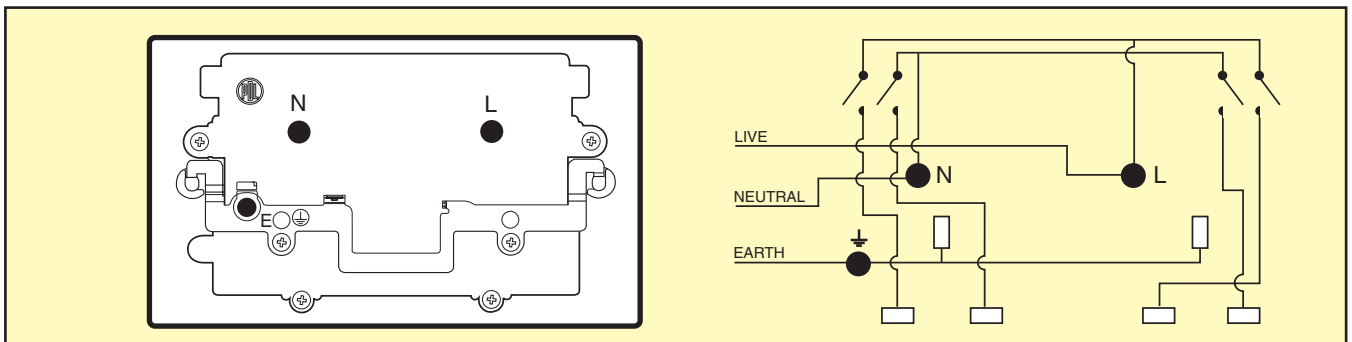
Cat 1661DP 1 Gang Double Pole Switched Socket



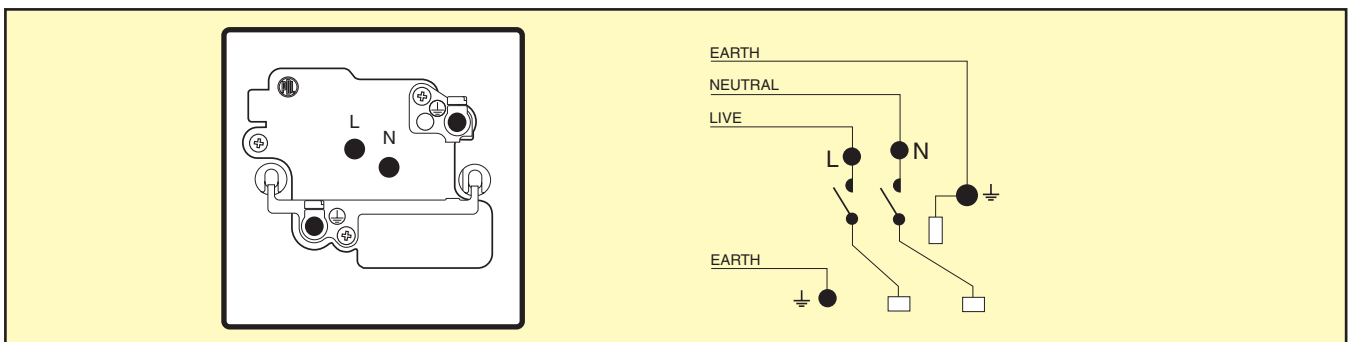
Cat 1662 2 Gang Single Pole Switched Socket



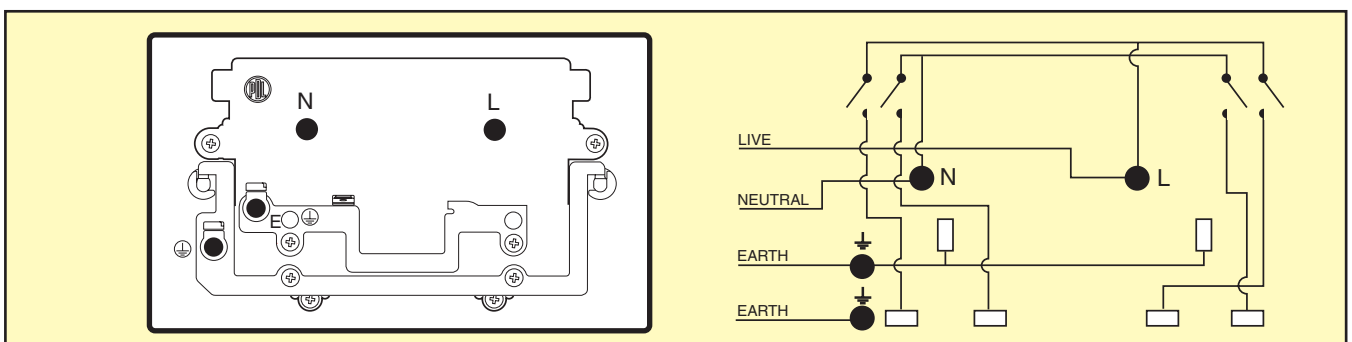
Cat 1662DP 2 Gang Double Pole Switched Socket



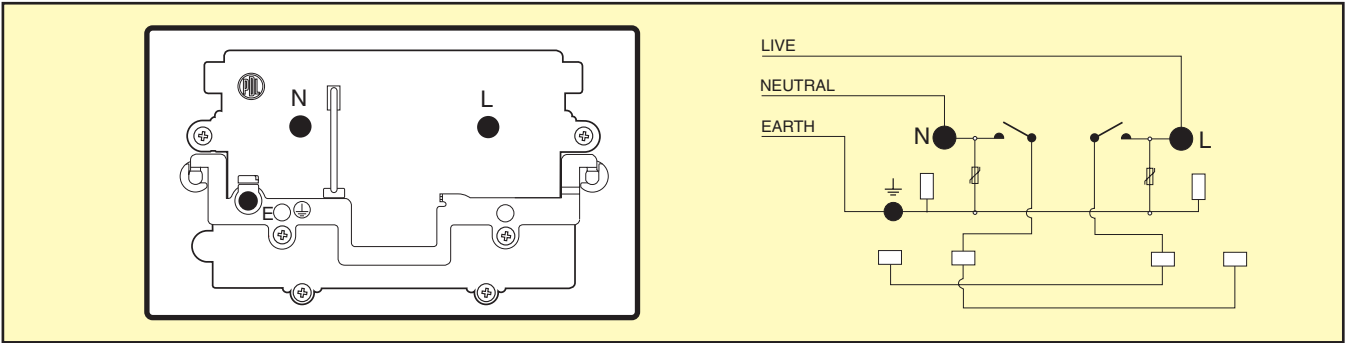
Cat 1661DPE 1 Gang Double Pole Switched Socket with Segregated Earth



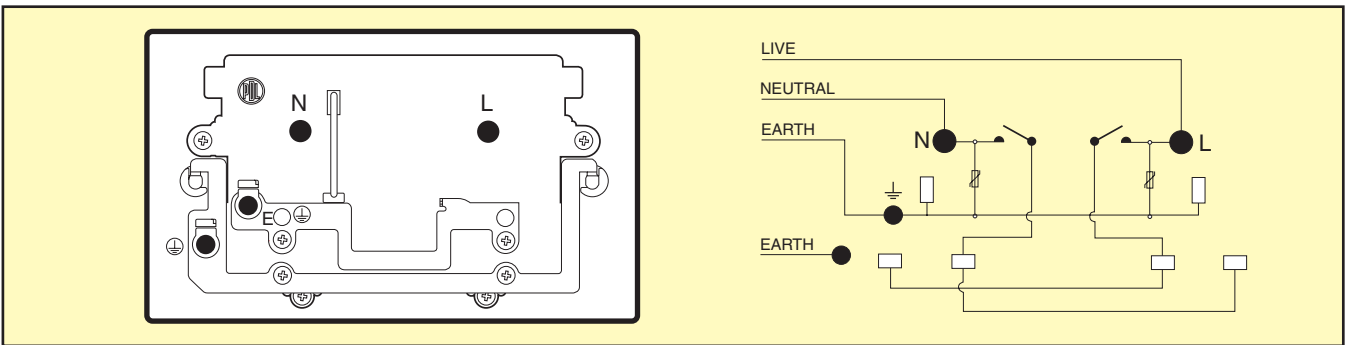
Cat 1662DPE 2 Gang Double Pole Switched Socket with Segregated Earth



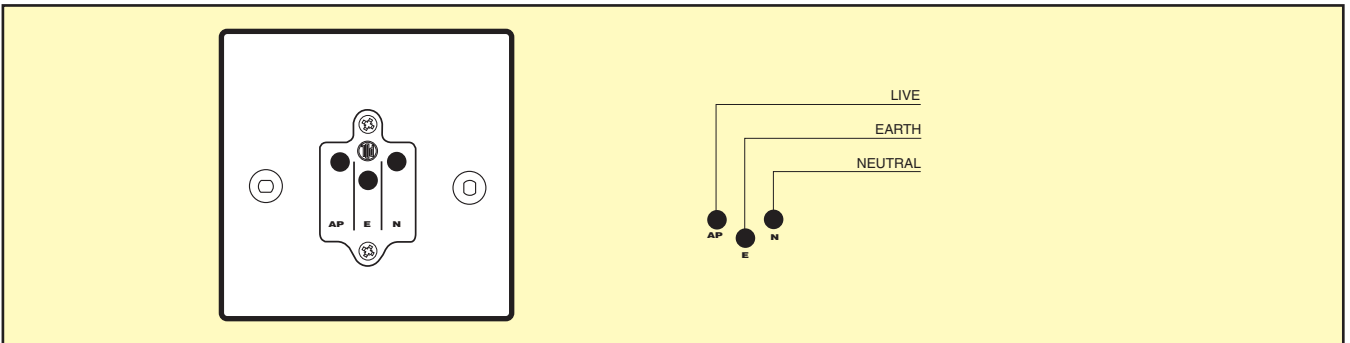
Cat 1662DPS 2 Gang Double Pole Switched Socket with Surge Protector



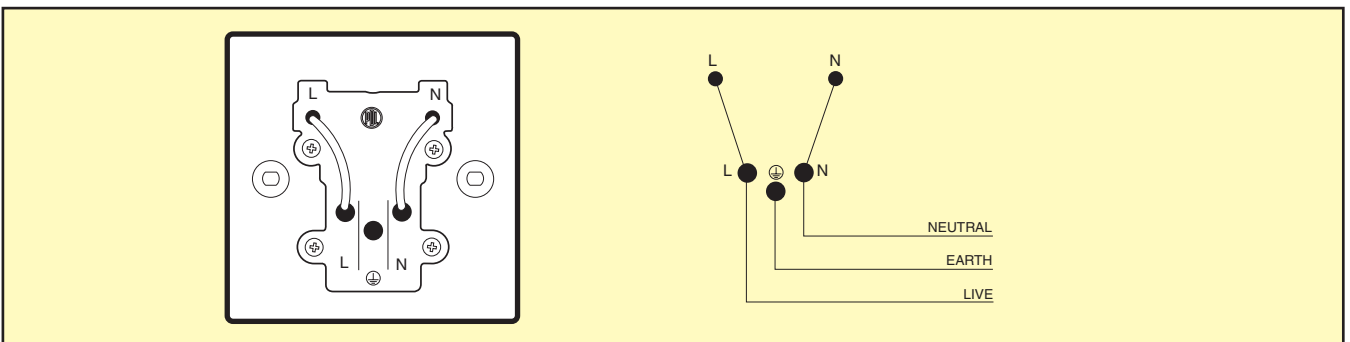
Cat 1662DPSE 2 Gang Double Pole Switched Socket with Surge Protector and Segregated Earth



Cat 1670 1 Gang Unswitched Socket

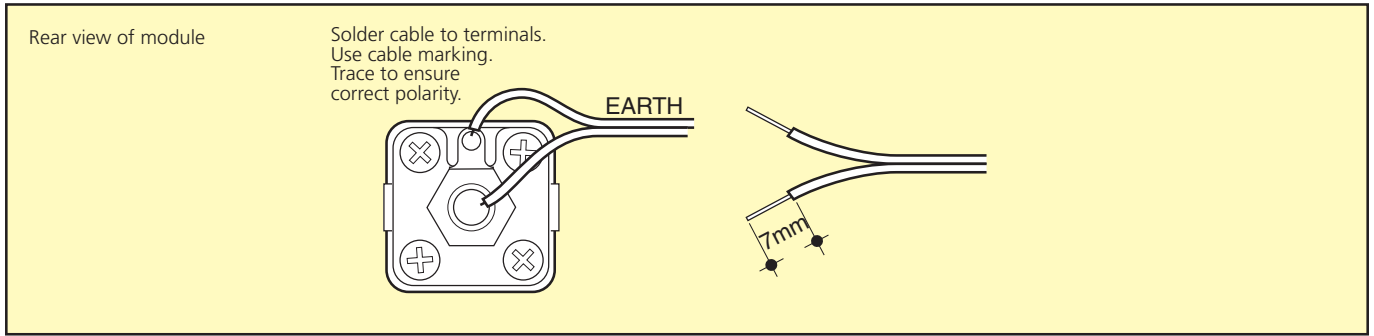


Cat 1679 1 Gang Hybrid Socket

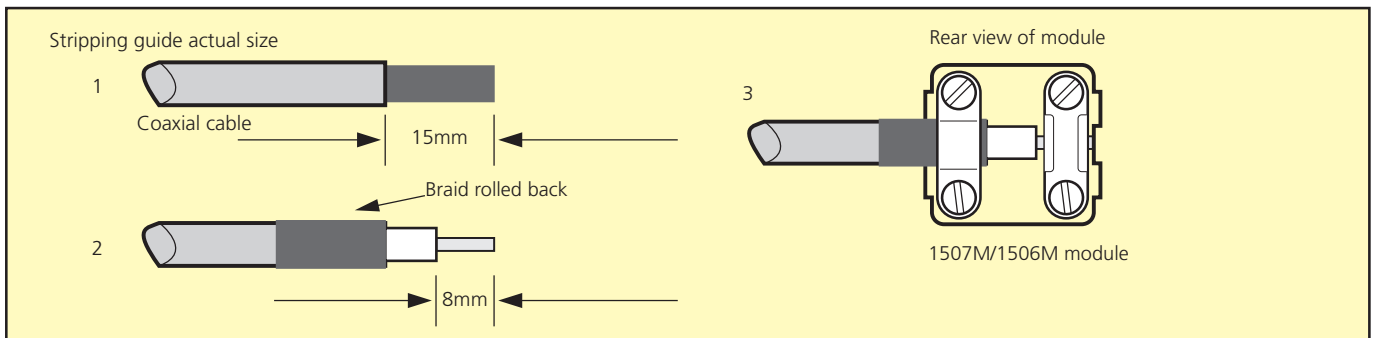


WIRING DIAGRAMS

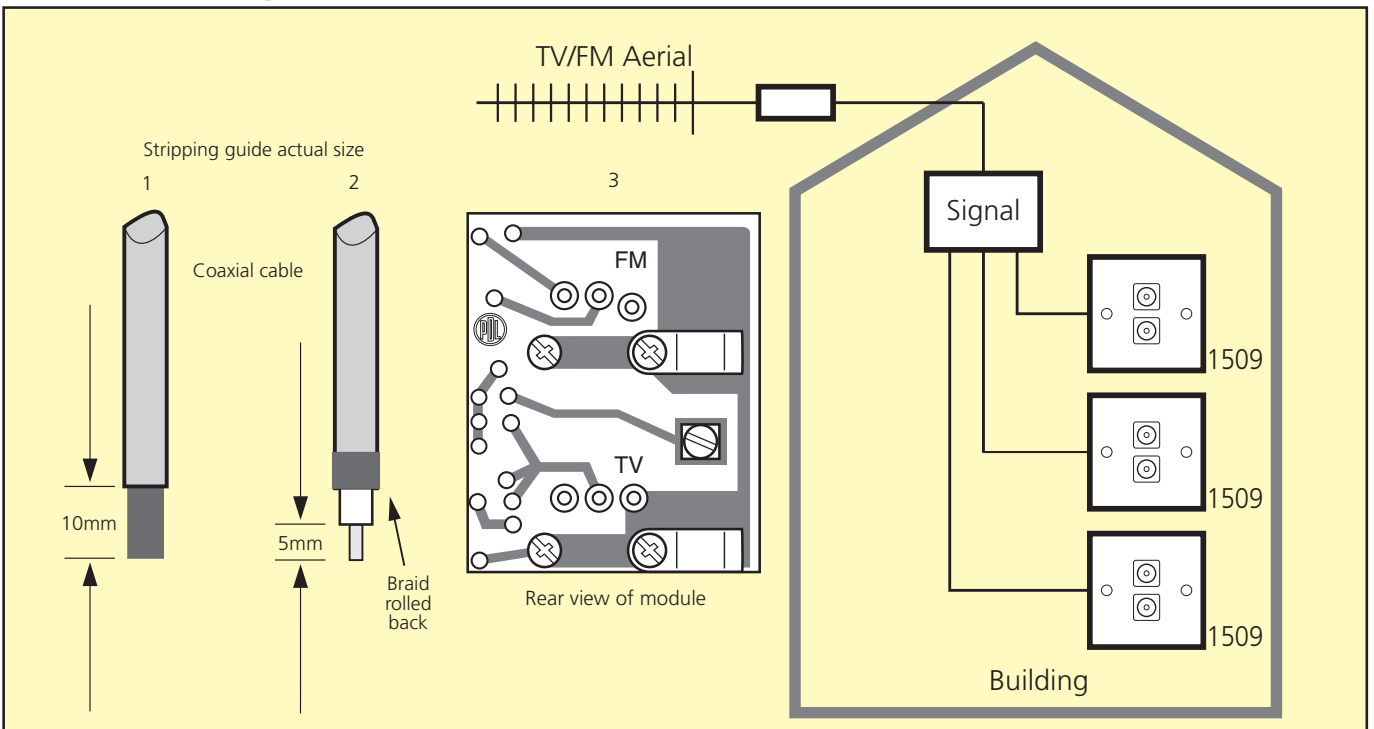
Cat 1541RM & 1541BM Audio Connection



Cat 1507M & 1506M TV/FM Connection



Cat 1509M TV/FM Diplexers used in Multi-Outlet Installation



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- AC Motor Speed Controllers including Xtravert, Microdrive-i, Microdrive-Elite and Ultradrive Elite, and Nu-Start AC Motor Soft Starters.
- D-PRO Air Circuit Breakers, NFC Fuse Switch Units, Current Transformers and various fusegear.
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