

ELECTRICAL FITTINGS



We originally introduced our electrical collection in response to requests from specifiers to offer co-ordination on hardware and electrical accessory finishes. This has now developed to where we are now able to offer a most extensive range of electrical products in an exciting choice of finishes to suit projects as diverse as barn conversions, hotel interiors and stately homes.

Page EL5	The Electrical Fittings Range
Page EL6	Switch Interiors
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Page EL8	Dimmers
Page EL9	Socket/Cable/TV Outlets and Units



TECHNICAL INFORMATION

GENERAL

The wall units are designed to assist decoration. The adjustable fixing grids are mounted within the back box or aperture, so that the interiors can be wired and connected without fixing the cover plate until all the decorating work is completed. Also the cover plates can therefore be removed for cleaning and during redecoration. Do not fit cover plates to areas of damp plaster or wet paint as this may cause tarnishing. A back box of 35mm minimum is required to accommodate the switch mechanism and the associated wiring. See CM 49-971 & 49-973 range of galvanised steel boxes for solid walls and CM 49-961 & 49-963 plastic for dry wall applications.

COVER PLATES

Flush fitting with a 7mm overlap over the wall box aperture. Plates are 2mm thick with rounded corners. Earthing is achieved through a flying earth lead attached to the grid and through the front plate fixing screws.

ROCKER SWITCHES

The switch unit is made up of 3 components, the switch interior, the grid and the cover plate plus the optional back box. Architrave switch use a combined grid and plate assembly.

Rated at 250v 20amp. Double insulated. The 2-way switch can be wired for one-way operation. Optional switches: Intermediate, for 3 or more way switching and Double Pole switches.

TOGGLE SWITCHES

Toggle switches are available in Polished Brass or Satin Nickel finishes. The switches are rated at 250v 20amps.

DIMMERS

Standard dimmers are suitable for use with tungsten lighting with push on/push off dimming which acts at any pre-selected brightness setting.

They are suitable for 1 way or 2 way switching.

The low voltage dimmers are inductive. They are suitable for controlling wire wound laminated and dimmable electronic transformers only. They are not suitable for toroidal transformers, fluorescent or tungsten loads. Dimmers to control toroidal transformers can be supplied as a special order.

Low voltage dimmers should be installed on the 'mains side' (primary) of the low voltage transformers.

Under certain conditions dimmers emit a faint buzz which comes from the radio interference suppressor.

It is important to observe the operational loading limits of dimmer units, both minimum and maximum and for the heat distribution limits of given cover plates as shown on page EL8.

SOCKET OUTLETS

Rated at 240v / 13amp. Side cable entry. 35mm deep wall boxes required.

FUSED CONNECTOR UNITS

The units have a retained fuse carrier that is not removed during fuse replacement. The rocker switch is double pole with 3mm contact gaps for isolation. Cable outlets have a bushed hole, a cord clamp and 3-way terminal block suitable for up to 1.5mm flexible cable..

TELECOM OUTLETS

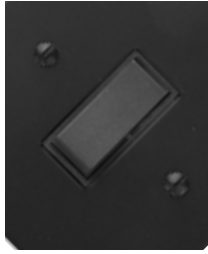
Master units are for connection as first socket to direct exchange lines and PBX or PABX. Slave units as extension sockets for connecting on the same line and in parallel to master units.

SHAVER SOCKET

To accommodate the interior module a back box of 47mm minimum is required.

THE ELECTRICAL FITTINGS RANGE

Shown below are a small selection of the fittings we produce. Please refer to technical drawings and information for the full range of products.



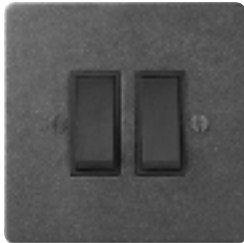
1 Gang Rocker Switch



Single Co-axial TV/FM Socket



Double Co-axial Socket



2 Gang Rocker Switch



Fused Switch Connector



Cooker Switch



3 Gang Rocker Switch



Telephone Socket



2 Gang Dimmer



4 Gang Rocker Switch



1 Gang Dimmer

All plates are available in the following finishes:
Black, Patine, Rough At The Edges Black,
Rough At The Edges Waxed,
Polished Brass, Hammered Patine.

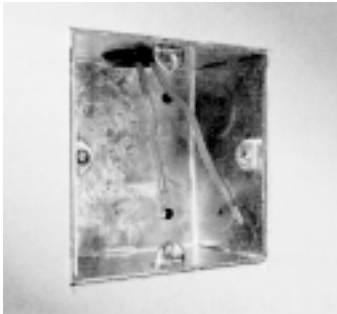


Acrylic Switch



Double Switched Socket

BACK BOXES



Back Boxes

Galvanised for use with masonry
(Pictured)

Single Gang: **49-971**
Double Gang: **49-973**

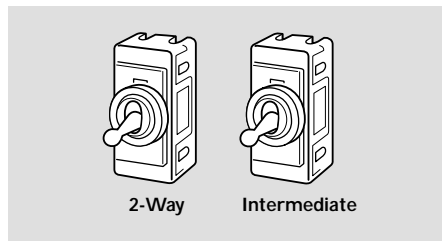
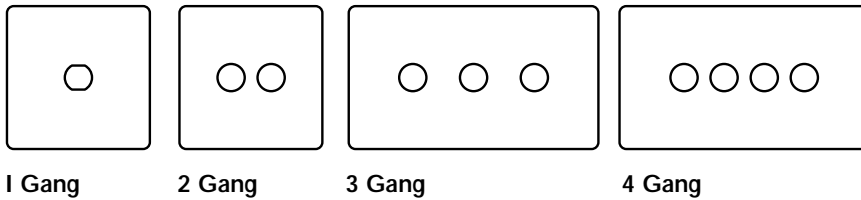
White Plastic for use with dry lining partitions

Single Gang: **49-961**
Double Gang: **49-963**

Depth: 35mm

TOGGLE SWITCH PLATES

Toggle switches can be mounted on clear acrylic cover plates (see glass section page GL8) and on solid steel or brass cover plates in the various finishes.



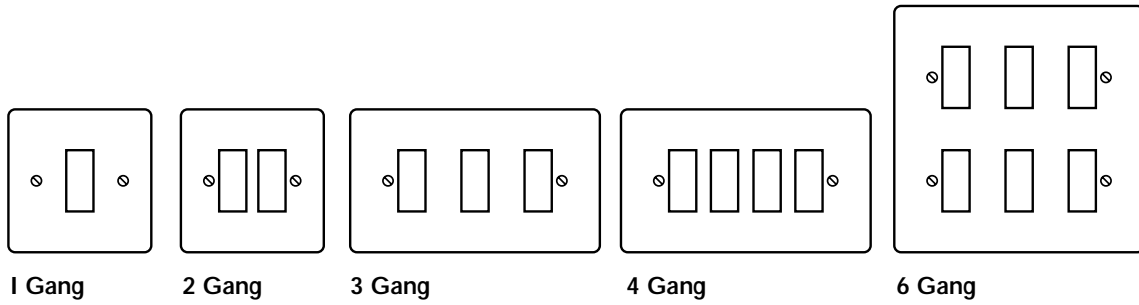
The standard switch assembly comprises of 2 way toggle switch(s), grid(s) and cover plates for however many gangs are required.

2 way switches can also be wired in a 1 way configuration.

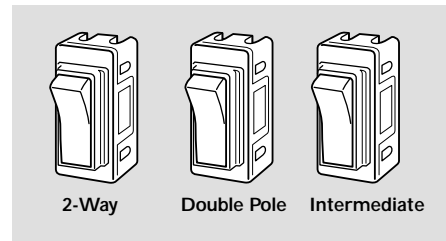
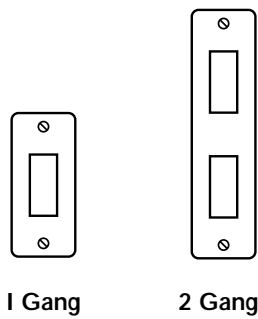
Backboxes and intermediate switches are options that need to be selected at time of ordering.

SWITCH PLATES

ROCKER SWITCH PLATES



ARCHITRAVE SWITCH PLATES

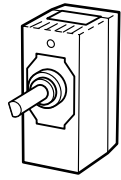


The standard switch assembly comprises of 2 way rocker switch(s), grid(s) and cover plates for however many gangs are required. 2-way switches can be also wired in a 1-way configuration.

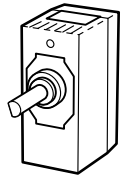
Backboxes, intermediate switches and double pole switches are options that need to be selected at time of ordering.

DIMMERS

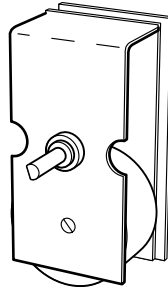
DIMMER MODULES



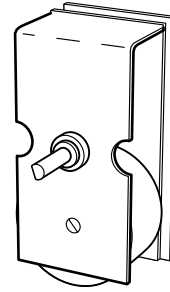
60-400 Watt
Tungsten



20-200 VA
Low Voltage

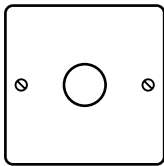


150-1000 Watt
Tungsten

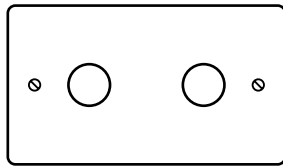


150-500 VA
Low Voltage

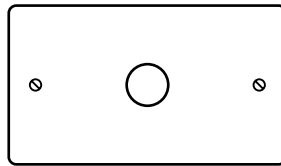
Plate Assembly & Knob



1 Gang

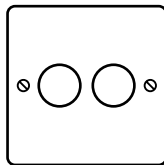


2 Gang

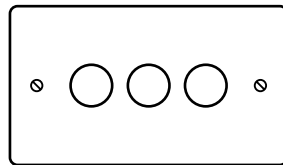


1 Gang

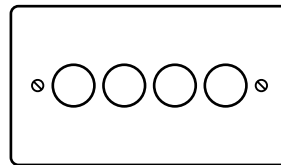
The standard dimmer assembly comprises of: Dimmer module(s), black dimmer knob(s) and coverplates for however many gangs are required.



2 Gang



3 Gang



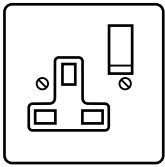
4 Gang

Backboxes are options that need to be selected at the time of ordering.

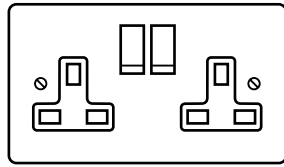
Loading & Heat Distribution				
Plate Size	Qty of Dimmers	Max Load Each Dimmer	Min Load Each Dimmer	Total Load Per Plate
86 x 86mm	1	400w	60w	400w
86 x 86mm	2	400w	60w	630w*
* maximum load of 630w for the plate should not be exceeded				
86 x 146mm	1	1000w	60w	1000w
86 x 146mm	3	400w	60w	1000w*
86 x 146mm	4	400w	60w	1000w*
* maximum load of 1000w for the plate should not be exceeded				

SOCKET/CABLE/TV OUTLETS & DATA UNITS

13AMP SOCKET OUTLETS

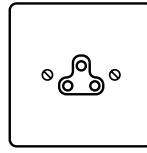


13amp Single Switched Socket

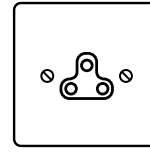


13amp Double Switched Socket

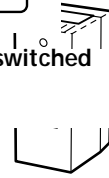
SOCKET OUTLETS



2 amp Unswitched Socket



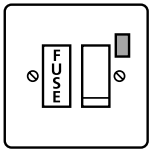
5 amp Unswitched Socket



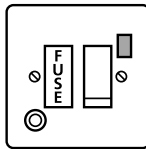
40-250 Watt Tungsten XX-XXX

FUSED CONNECTION UNITS

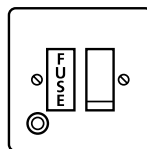
6 Gang



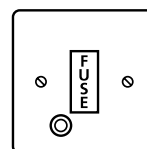
Switched Fuse Connection & Neon



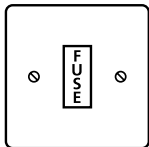
Switched Fuse Connection & Neon & Cable Outlet.



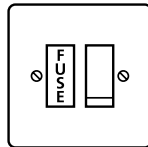
Switched Fuse Connection & Cable Outlet.



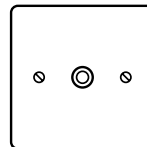
Fused Connection & Cable Outlet



Fused Connection

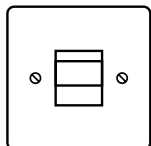


Switched Fuse Connection

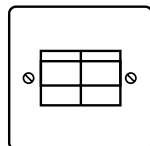


Cable Outlet Only

DATA OUTLETS



Single RJ45

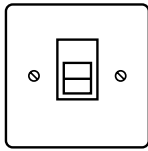


Double RJ45

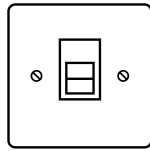
Category 5 connector
RJ45 ISO 8877
8 Contacts
8 1DC Terminations

SOCKET/CABLE/TV OUTLETS

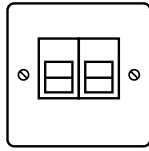
TELECOM OUTLETS (BT STANDARD)



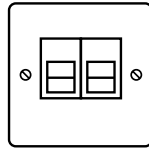
Telephone Master



Telephone Slave



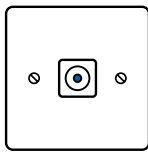
Telephone Master Twin



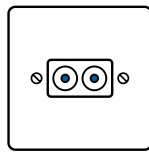
Telephone Slave Twin

On twin telephone outlets we are able to offer a mix of master and slave connections as a special order.

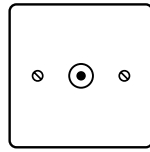
TV/FM/SATELLITE OUTLETS



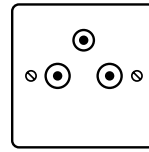
TV/FM Co-axial Single



TV/FM Co-axial Double



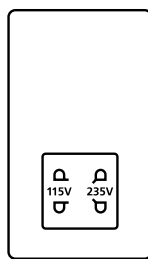
Satellite 'F' Connector



Screened TV/FM/Satellite Outlet

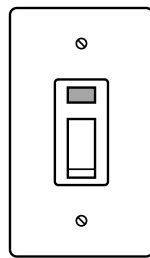
TV/FM outlets are for use on existing systems. They are safety isolated for use on multi outlet communal systems.

SHAVER SUPPLY



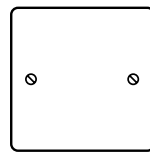
Shaver Socket Dual Voltage
47mm deep Back Box is required

COOKER SWITCH

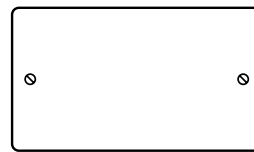


45amp Cooker Switch Double Pole With Neon

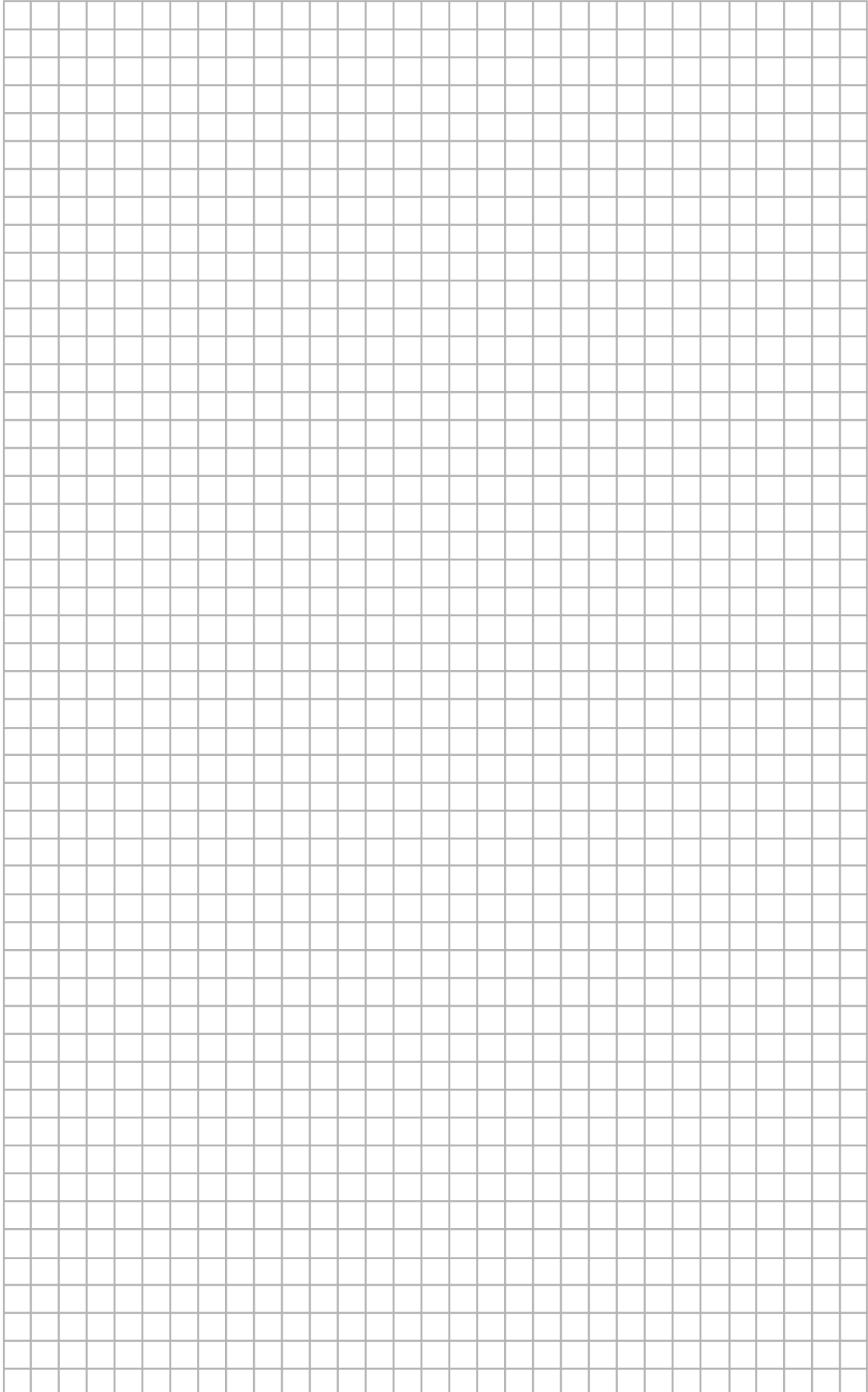
BLANK PLATES



Single



Twin



NOTES

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

ELECTRICAL FITTINGS