



range introduction

All MK products are made to stand up to the wear and tear of everyday use, but in some areas you need them to be even tougher. That's why the Metalclad Plus™ range of surface mounted accessories is ideal for factories, workshops, garages and sheds. Made from heavy gauge steel they're tough and impact resistant and they look good too. There is a wide selection of surface mounted products in the range including switchsockets with outboard rockers and light switches with wide rockers, both very useful when wearing gloves. An RCD protected socket is also available which is essential when operating power tools.

Echo™ is an innovative range of entirely wireless, batteryless and self powered switches, only available from MK Electric and in finishes to complement the Metalclad Plus range. Please see page 31 for details.

features and benefits

Tough and impact resistant

Metalclad Plus™ is ideal for factories, workshops, garages and sheds. White Metalclad is suitable for Schools and Sports Halls.

Comprehensive range

Suits all your needs where hard wearing performance is required.

Frontplates have smoothly chamfered edges

Fits flush with the backbox providing a neat finish.

Total safety

3-pin operated "child resistant shutter system", which is designed to inhibit access to the electricity supply, unless all 3 pins of a standard British 13 Amp plug are in position.

technical hotline +44 (0)1268 563720

surface | wiring devices

METALLIC POWDER PAINT
Finish is corrosion and scratch resistant

HIGHLY IMPACT RESISTANT

SPECIFICALLY DESIGNED BACK BOXES
Ensure neat and exact fit

DOUBLE POLE SWITCHING

3-PIN "CHILD RESISTANT SHUTTER SYSTEM"

Designed to inhibit access to the electricity supply, unless all 3 pins of a standard British 13A plug are in position

STYLISH CURVED DESIGN

BOXES AVAILABLE WITH OR WITHOUT KNOCKOUTS



Terminal screws are backed out and captive Terminals are upwards facing to make installation easier.

Funnel entrance to terminals enables positive cable connection.

Outboard rocker sockets are ideal for gloved hands.

Clear terminal markings for easy identification.



Switchsocket Outlets

13 AMP
SURFACE

WITH OUTBOARD
ROCKERS
13 AMP
SURFACE

WITH NEONS
13 AMP
SURFACE

13 AMP SOCKET
20 AMP SWITCH
KEY OPERATED



K2977ALM



K3077WHI



K2945ALM



K2477ALM



K2435ALM



K2977D6ALM



K3046WHI



K2945D6ALM



K2477D6ALM



K5252ALM



K2946ALM



K3045WHI



K2446ALM



K2946D6ALM



K2446D6ALM

- K2977ALM** 5
1 GANG DP WITH
DUAL EARTH TERMINALS
- K2977D5ALM** 1
1 GANG DP WITH DUAL EARTH
TERMINALS WITHOUT BOX
- K2977D6ALM** 1
1 GANG DP WITH RED ROCKER
AND DUAL EARTH TERMINALS
- K2946ALM** 5
2 GANG DP
- K2946D5ALM** 1
2 GANG DP WITHOUT BOX
- K2946D6ALM** 1
2 GANG DP WITH RED ROCKERS

Earth terminal fitted in boxes.

DIMENSIONS:

1 gang: 86 x 86 x 51mm
2 gang: 86 x 146 x 51mm

TERMINAL CAPACITY:

2 x 6 mm² stranded (max)

KNOCKOUTS: 1 gang: 6 x 20mm.

Two in one side and one in each of

the other three sides. One in base

2 gang: 8 x 20mm.

Three in top two in bottom sides and

one in each end. One in base

SPARE BOXES:

1 gang: K829ALM* K899ALM

2 gang: K830ALM* K897ALM

(*without side knockouts)

All boxes have a base knockout.

Boxes: BS 5733: 2010

Socket: BS 1363 Pt.2: 1995

- K3077WHI** 10
1 GANG DP
WITHOUT BOX
- K3046WHI** 5
2 GANG DP
WITHOUT BOX

High integrity earthing

One gang switchsockets, two gang outboard switchsockets and two gang unswitched sockets are fitted with two earth terminals to provide a double earth facility for use when installations require a high integrity protective connection as specified within BS 7671: 2008.

Double pole switching

All switchsockets have double pole switching (neutral makes first, breaks last).

- K2945ALM** 5
2 GANG DP
WITH OUTBOARD
ROCKERS AND DUAL
EARTH TERMINALS
- K2945D5ALM** 1
2 GANG DP
WITH OUTBOARD
ROCKERS AND DUAL EARTH
TERMINALS WITHOUT BOX
- K2945D6ALM** 1
2 GANG DP
WITH RED OUTBOARD
ROCKERS AND DUAL
EARTH TERMINALS
- K3045WHI** 5
2 GANG DP
WITHOUT BOX
WITH OUTBOARD
ROCKERS AND DUAL
EARTH TERMINALS

- K2477ALM** 5
1 GANG DP
WITH NEON AND DUAL
EARTH TERMINALS
- K2477D6ALM** 1
1 GANG DP
WITH NEON,
RED ROCKER AND DUAL
EARTH TERMINALS
- K2446ALM** 5
2 GANG DP
WITH NEONS
- K2446D6ALM** 1
2 GANG DP
WITH NEONS
AND RED ROCKERS

- K2435ALM** 5
DP KEY OPERATED SOCKET
- K5252ALM** 5
20AX DP KEY OPERATED SWITCH

Earth terminal fitted in boxes.

DIMENSIONS:

1 gang: 86 x 86 x 51mm

2 gang: 86 x 146 x 51mm

TERMINAL CAPACITY:

1 x 6 mm² stranded (max)

KNOCKOUTS:

1 gang: 6 x 20mm.

Two in one side and one in each of

the other three sides. One in base

2 gang: 8 x 20mm.

Three in top two in bottom sides

and one in each end. One in base

SPARE BOXES:

1 gang: K829ALM* K899ALM

2 gang: K830ALM* K897ALM

(*without side knockouts) All boxes

have a base knockout.

Boxes: BS 5733: 2010

Socket: BS 1363 Pt.2: 1995

Switch: BS EN 60669-1: 1999

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surface | wiring devices

Socket Outlets

RCD PROTECTED
13 AMP
SURFACE

ROUND PIN
SURFACE

NON STANDARD
13 AMP
SURFACE

13 AMP
SURFACE

ROUND PIN
SURFACE



K6102ALM



K6302ALM



K6211ALM



K6231ALM



K2871ALM



K2873ALM



K1247ALM



K1247D6ALM



K1248ALM



K1248D6ALM



K848ALM



K850ALM



K841ALM



K842ALM



K843ALM

K6102ALM
1 GANG
10mA ACTIVE CIRCUIT

1

K6302ALM
1 GANG
30mA ACTIVE CIRCUIT

1

K6305ALM
1 GANG
30mA PASSIVE CIRCUIT

1

K6211ALM
2 GANG
10mA ACTIVE CIRCUIT

1

K6231ALM
2 GANG
30mA ACTIVE CIRCUIT

1

K6233ALM
2 GANG
30mA PASSIVE CIRCUIT

1

It is important to ensure that the correct control circuit, active or passive, is selected for each application. See page 292 for definition.

Only suitable for supply voltage of 240V a.c., 50Hz.

DIMENSIONS: 86 x 147 x 54mm
KNOCKOUTS: 8 x 20mm.
Three in top side, two in bottom side, one in base and one in each end.

SPARE BOX
K897ALM
BS 7288: 1990

K2871ALM
1 GANG
5A DP
SHUTTERD

K2873ALM
1 GANG
15A DP
SHUTTERD

Earth terminal fitted in boxes.

DIMENSIONS:
86 x 86 x 51mm

TERMINAL CAPACITY:
5 amp;
2 x 6mm² stranded (max)
15 amp
2 x 6mm² stranded (max)

KNOCKOUTS:
6 x 20mm.
Two in one side and one in each of other three sides. One in Base

Spare Boxes with and without knockouts are available.

All boxes have a base knockout.
BS 546: 1950

K1247ALM
1 GANG DP WITH
CLEAN EARTH FACILITY

K1247D6ALM
1 GANG DP
WITH RED ROCKER AND
CLEAN EARTH FACILITY

K1248ALM
2 GANG DP WITH
CLEAN EARTH FACILITY

K1248D6ALM
2 GANG DP
WITH RED ROCKERS AND
CLEAN EARTH FACILITY

These products are provided with facilities for 'clean earth' connection and are suitable for non standard plugs with 'T' shaped earth pin. Earth terminal fitted in boxes.

DIMENSIONS:
1 gang: 86 x 86 x 51mm
2 gang: 86 x 146 x 51mm
TERMINAL CAPACITY:
2 x 6mm² stranded (max)
KNOCKOUTS:
1 gang 6 x 20mm.
Two in one side and one in each of other three sides. One in base
2 gang 8 x 20mm.
Three in top, two in bottom sides and one in each end. One in base
Spare Boxes with and without knockouts are available.

All boxes have a base knockout
BS 1363 Pt.2: 1995 where relevant

K848ALM
1 GANG

K850ALM
2 GANG
WITH DUAL EARTH
TERMINALS

K850ALM has two earth terminals providing a double earth facility when installations require a high integrity protective connection as specified within BS 7671: 2008.

DIMENSIONS:
1 gang: 86 x 86 x 47mm
2 gang: 86 x 146 x 47mm
TERMINAL CAPACITY:
2 x 6mm² stranded (max)
KNOCKOUTS: 1 gang 6 x 20mm.
Two in one side and one in each of other three sides. One in base
2 gang 8 x 20mm.
Three in top, two in bottom sides and one in each end. One in base
Spare Boxes with and without knockouts are available.

All boxes have a base knockout
BS 1363 Pt.2: 1995

K841ALM
1 GANG
2A
SHUTTERD

K842ALM
1 GANG
5A
SHUTTERD

K843ALM
1 GANG
15A
SHUTTERD

Earth terminal fitted in box.

DIMENSIONS:
86 x 86 x 47mm

TERMINAL CAPACITY:
2 amp;
3 x 2.5mm² (max)
5 amp;
2 x 6mm² stranded (max)
15 amp
2 x 6mm² stranded (max)

KNOCKOUTS:
6 x 20mm.
Two in one side and one in each of other three sides. One in base

Spare Boxes with and without knockouts are available.

All boxes have a base knockout.
BS 546: 1950

FEATURES AND BENEFITS



When servicing or repairing appliances fuse carriers on connection units can be padlocked for additional safety



A secret key-operated switch helps prevent unauthorised usage



An optional tamperproof screw on the fuse carrier is particularly useful for appliances in public areas



In-line terminals means that cables can be cut to the same length. White printing gives instant terminal identification



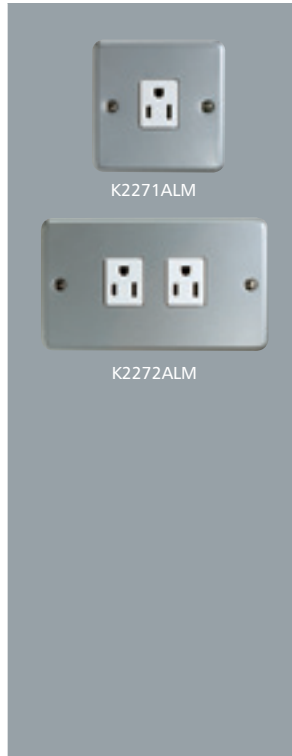
A simple but effective cord grip securely holds the cable in connection units



Backboxes come with or without side knockouts. All boxes have a central knockout in the base for added on-site flexibility

Socket Outlets

15 AMP
127V
SURFACE



K2271ALM
1 GANG
SHUTTERED
(NON UK)

K2272ALM
2 GANG
SHUTTERED
(NON UK)

Earth terminal fitted in box.

DIMENSIONS:
1 gang 86 x 86 x 47mm
2 gang 86 x 146 x 47mm

KNOCKOUTS:
1 gang 6 x 20mm.
Two in one side and one in each of other three sides. One in base
2 gang 8 x 20mm.
Three in top, two in bottom sides and one in each end. One in base

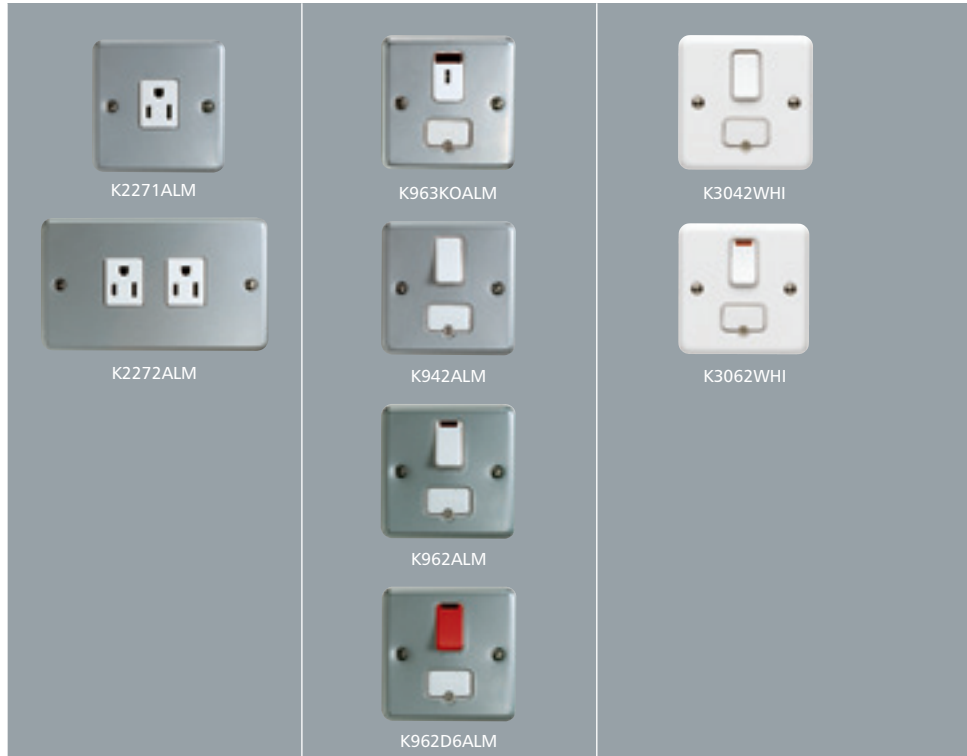
Spare Boxes with and without knockouts are available.

All boxes have a base knockout.

SASO 2203: 2003

Connection Units

SWITCHED
FUSED
SURFACE



5

K963KOALM
DP WITH SECRET KEY OPERATED SWITCH, NEON AND TAMPERPROOF FUSE CARRIER SCREW

5

K942ALM
DP SWITCHED

K942D5ALM
DP SWITCHED WITHOUT BOX

K942KOALM
DP SWITCHED WITH TAMPERPROOF FUSE CARRIER SCREW

K962ALM
DP SWITCHED WITH NEON

K962D6ALM
DP SWITCHED WITH NEON AND RED ROCKER

All connection units are fitted with a 13A fuse (to BS 1362.)

Earth terminal fitted in base of the box.
DIMENSIONS: 86 x 86 x 47mm

TERMINAL CAPACITY:
2 x 6mm² stranded (max)

KNOCKOUTS: 6 x 20mm.
Two in one side and one in each of other three sides, one in base.

Spare Boxes with and without knockouts are available.
All boxes have a base knockout.

BS 1363 Pt.4: 1995

1

K3042WHI
DP SWITCHED WITHOUT BOX

10

K3062WHI
DP SWITCHED WITH NEON WITHOUT BOX

1

1

10

1

10

10

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surface | wiring devices

Switches

UNSWITCHED
FUSED
SURFACE

10 AMP
SURFACE



K932ALM



K972ALM



K972D6ALM



K3072WHI



K954ALM



K983ALM



K989ALM



K986ALM



K3054WHI



K3086WHI



K3591ALM



K3592ALM



K3593ALM



K3091WHI



K3092WHI

K932ALM
DP SWITCHED
WITH FLEX OUTLET

K972ALM
DP SWITCHED
WITH FLEX OUTLET
AND NEON

K972D6ALM
DP SWITCHED
WITH FLEX OUTLET,
NEON AND
RED ROCKER

K3072WHI
DP SWITCHED
WITH FLEX OUTLET,
NEON
WITHOUT BOX

10

10

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10

K954ALM
UNSWITCHED

K954KOALM
UNSWITCHED WITH TAMPERPROOF
FUSE CARRIER SCREW

K983ALM
UNSWITCHED WITH NEON

K989ALM
UNSWITCHED WITH FLEX OUTLET

K989D1ALM
UNSWITCHED WITH FLEX OUTLET
AND FITTED WITH 5 AMP FUSE

K986ALM
UNSWITCHED WITH FLEX OUTLET
AND NEON

10

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5

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5

All connection units are fitted with
a 13A fuse (to BS 1362.)

Earth terminal fitted
in base of the box.

DIMENSIONS:
86 x 86 x 47mm

TERMINAL CAPACITY:
2 x 6mm² stranded (max)

KNOCKOUTS:
6 x 20mm.

Two in one side and one in each of
other three sides, one in base.

Spare Boxes with and without
knockouts are available.
All boxes have a base knockout.

BS 1363 Pt.4: 1995

K3054WHI
UNSWITCHED
WITHOUT BOX.

K3086WHI
UNSWITCHED WITH
FLEX OUTLET AND NEON
WITHOUT BOX.

10

10

K3591ALM
1 GANG SP
TWO WAY

K3592ALM
2 GANG SP
TWO WAY

K3593ALM
3 GANG SP
TWO WAY

5

5

5

K3091WHI
1 GANG SP
TWO WAY
WITHOUT BOX

K3092WHI
2 GANG SP
TWO WAY
WITHOUT BOX

10

10

These switches do NOT have to be
derated when used with fluorescent
or inductive loads.

An earth terminal is fitted in each
box.

DIMENSIONS:
86 x 86 x 47mm

TERMINAL CAPACITY:
1 x 6mm² (max)

KNOCKOUTS:
6 x 20mm.

Two in one side and one in each of
other three sides, one in base.

Spare Boxes with and without
knockouts are available.

All boxes have a base knockout.

BS EN 60669-1: 1999

Switches

10 AMP
WITH WIDE
ROCKERS
SURFACE



K3781ALM



K3782ALM

DP Switches

20 AMP
SURFACE



K5212ALM



K5232ALM



K3012WHI

32 AMP AND
50 AMP
SURFACE



K5240ALM



K5230ALM

Triple Pole

32 AMP AND
10 AMP
SURFACE



K5116ALM



K2857ALM



K4858WHI

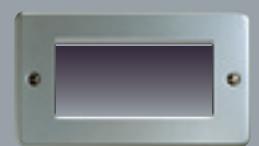
Euro Data Frontplates



K181ALM



K182ALM



K184ALM

K3781ALM

1 GANG SP
TWO WAY
WITH WIDE ROCKER

K3782ALM

2 GANG SP
TWO WAY
WITH WIDE ROCKERS

These switches do NOT have to be derated when used with fluorescent or inductive loads.

An earth terminal is fitted in each box.

DIMENSIONS:
86 x 86 x 47mm

TERMINAL CAPACITY:
1 x 6mm² (max)

KNOCKOUTS:
6 x 20mm.

Two in one side and one in each of other three sides, one in base.

Spare Boxes with and without knockouts are available.

All boxes have a base knockout.

BS EN 60669-1: 1999

5

5

K5212ALM

DP SWITCH

K5232ALM

DP SWITCH
WITH NEON

K5242ALM

DP SWITCH
WITH FLEX OUTLET
AND NEON

K3012WHI

DP SWITCH
WITHOUT BOX

Earth terminal fitted in base of box.

DIMENSIONS:
86 x 86 x 47mm

TERMINAL CAPACITY:
1 x 6mm² (max)

KNOCKOUTS:
6 x 20mm.

Two in one side and one in each of other three sides, one in base.

Spare Boxes with and without knockouts are available.

All boxes have a base knockout.

BS EN 60669-1: 1999

DP Switches are not recommended for switching large banks of PCs

ALL UNITS ARE SUPPLIED WITH BACKBOXES (EXCEPT WHI AND D5 PRODUCTS)

5

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K5240ALM

32A DP SWITCH
WITH NEON

K5230ALM

50A DP SWITCH
WITH NEON

Earth terminal fitted in base of box.

DIMENSIONS:
K5240: 86 x 86 x 65mm
K5230: 147 x 86 x 65mm

TERMINAL CAPACITY:
K5240: 1 x 10mm² (max)
K5230: 1 x 10mm² (max)

KNOCKOUTS:
K5240: 6 x 20mm. Two in one side and one in each of other three sides, one in base.
K5230: 4 x 20mm, 4 x 25mm

SPARE BOX:
K5240: K8901ALM
K5230: K8902ALM

All boxes have a base knockout.

BS EN 60669-1: 1999

1

1

K5116ALM

32A THREE POLE AND N SWITCH
WITH NEON AND
EARTH TERMINAL

K2857ALM

10A THREE POLE FAN ISOLATOR
WITH SWITCHLOCK
AND PADLOCK

K2859ALM

10A THREE POLE FAN ISOLATOR
WITHOUT SWITCHLOCK

K4858

SWITCHLOCK
FOR FAN ISOLATOR

K5116 : 440V max.
AC22, 12kW (16HP) & 415V, 3 phase
32A continuous duty.

Making capacity is 2000A peak
Lockable 'ON' or 'OFF' with MK
padlock no K2000

K2857: For local isolation of fans with or without timers for repair or routine.

TERMINAL CAPACITY:
K5116: 1 x 16mm² Conductor
K2857: 1 x 6mm² Conductor

DIMENSIONS: 5116: 147 x 86 x 65
K2857: 86 x 86 x 47

KNOCKOUTS:
K5116: 4 x 20mm², 4 x 25mm²
K2857: 6 x 20mm²

SPARE BOXES: K25116: K8902ALM
K2857: K899ALM, K829ALM
BS EN 60947-3: 1999

1

1

1

1

1

1

1

1

1

1

1

1

1

K181ALM

1 GANG EURO FRONTPLATE
ONE MODULE
APERTURE SIZE 25 X 50MM

K182ALM

1 GANG EURO FRONTPLATE
TWO MODULE
APERTURE SIZE 50 X 50MM

K184ALM

2 GANG EURO FRONTPLATE
FOUR MODULE
APERTURE SIZE 100 X 50MM

MOUNTING BOXES:
Mounting Box is not supplied with frontplate

Suitable for flush boxes to BS 4662: 2006 and surface boxes to BS 5733: 2010
Refer to appropriate module for minimum box depth.

FIXING CENTRES:
1G; 60.3mm
2G; 120.6mm

STANDARDS
BS 5733: 2010 where applicable

Note: No grid required, modules just clip into place.

10

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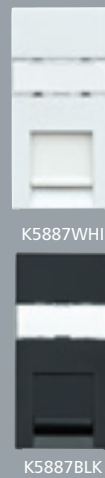
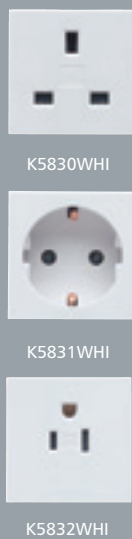
Euro Power Modules

Euro Datacom Modules

RJ11/12

RJ45 CAT 6

RJ45 CAT 5E



K3182WHI 1
1 GANG EURO FRONTPLATE
TWO MODULE
APERTURE SIZE 50 X 50MM

K3184WHI 1
2 GANG EURO FRONTPLATE
FOUR MODULE
APERTURE SIZE 100 X 50MM

K5830WHI 10
K5830BLK 10
UK 1 GANG EURO 2 MODULE
13A 250V SHUTTERED

K5831WHI 10
K5831BLK 10
GERMAN 2P+E
16A 250V SHUTTERED
EURO 2 MODULE (NON UK)

K5832WHI 10
K5832BLK 10
AMERICAN 2P+E
15A 127V SHUTTERED
EURO 2 MODULE (NON UK)

K5830
MOUNTING BOX: 35mm
46mm (for extra wiring space)
DIMENSIONS: 50 x 50mm
BS 1363: Pt2: 1995

K5831
MOUNTING BOX: 46mm
DIMENSIONS: 50 x 50mm
IEC 60884-1: 2006

K5832
MOUNTING BOX: 35mm
46mm (for extra wiring space)
DIMENSIONS: 50 x 50mm
SASO 2203: 2003

K5833WHI 10
K5833BLK 10
UK 1 GANG EURO 2 MODULE
5A 250V SHUTTERED

K5834WHI 10
K5834BLK 10
FRENCH/BELGIAN 2P+E
16A 250V SHUTTERED
EURO 2 MODULE (NON UK)

K5837WHI 1
K5837BLK 1
USB CHARGING MODULE
EURO 2 MODULE

K5833
MOUNTING BOX: 35mm
46mm (for extra wiring space)
DIMENSIONS: 50 x 50mm
BS 546: 1950

K5834
MOUNTING BOX: 46mm
DIMENSIONS: 50 x 50mm
NF C61-341

K5837
MOUNTING BOX: 35mm
46mm (for extra wiring space)
DIMENSIONS: 50 x 50mm

Features 2 charging sockets each delivering 1A charging current at 5Vdc (total 2A max). Allows charging of portable devices via USB 2.0 type A plug.

IEC 60950-1
IEC 61000-6-1/3

K5887WHI 5
K5887BLK 5
RJ11/12
ONE MODULE 25 X 50MM

Suitable for both RJ11 and RJ12 jacks
RJ11; 4 wire
RJ12; 6 wire
MOUNTING BOXES:
Minimum box depth 25mm
FCC68
EN 41003

K5846WHI 5
K5846BLK 5
RJ45 CAT 6
ONE MODULE 25 X 50MM

K5846sWHI 5
K5846sBLK 5
RJ45 CAT 6 SCREENED
ONE MODULE 25 X 50MM

K5864WHI 5
RJ45 CAT 6 ANGLED
ONE MODULE 25 X 50MM

Cat 6 performance.
Suitable for both 568A and 568B wiring schemes.
MOUNTING BOXES:
Minimum Box Depth 35mm
ISO/IEC 11801
EN 50173
TIA 568
EN 41003

K5844WHI 5
RJ45 CAT 5E ANGLED
ONE MODULE 25 X 50MM

K5845WHI 5
K5845BLK 5
RJ45 CAT 5E
ONE MODULE 25 X 50MM

Enhanced Cat 5 performance.
Suitable for both 568A and 568B wiring schemes.
Supplied with cable tie and cable anchors to secure wires in the connectors.
MOUNTING BOXES:
Minimum box depth 25mm standard
ISO/IEC 11801
EN 50173
TIA 568
EN 41003

Mains operated products and extra low voltage modules must not be installed within the same frontplate. Refer to BS 7671: 2008 for details.

Euro
Datacom
Modules

LJU6C Data
Frontplates

LJU6C Datacom
Modules

TELEPHONE

BNC

BLANKS

FRONTPLATES

RJ11/12

RJ45 CAT 6



K5820WHI



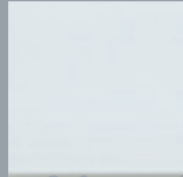
K5821WHI



K5821BLK



K5801WHI



K180WHI



K188WHI

K188BLK



K186WHI

K186BLK



K172ALM



K5787WHI



K5746WHI



K5746BLK



K5746sWHI



K5746sBLK

K5820WHI 5
K5820BLK 5
 TELEPHONE MASTER
 ONE MODULE 25 X 50MM

K5821WHI 5
K5821BLK 5
 TELEPHONE SECONDARY
 ONE MODULE 25 X 50MM

K5801WHI 5
 BNC 50Ω
 ONE MODULE 25 X 50MM

K180WHI 10
 TWO MODULE
 BLANK 50 X 50MM

K188WHI 10
K188BLK 10
 ONE MODULE
 BLANK 25 X 50MM

K186WHI 10
K186BLK 10
 HALF MODULE
 BLANK 12.5 X 50MM

K172ALM 10
 1 GANG TWIN
 LUJ6C FRONTPLATE
 TWO MODULE
 APERTURE SIZE 22 X 37MM

K5787WHI 5
 RJ11/12
 ONE MODULE

K5746WHI 5
K5746BLK 5
 RJ45 CAT 6
 ONE MODULE

K5746sWHI 5
K5746sBLK 5
 RJ45 CAT 6
 SCREENED
 ONE MODULE

MOUNTING BOXES:
 Minimum depth 25mm
 BS 6312 Pt 2

50 Ohm crimp connector
 suitable for use with
 RG58, URM43, URM76
 and Beldon 9907 type
 co-axial cables.

MOUNTING BOXES:
 Minimum box depth
 25mm

MOUNTING BOXES:
 Minimum depth 16mm
 BS 5733: 2010 where
 applicable

MOUNTING BOXES:
 Suitable for flush boxes to
 BS 4662: 2006 and surface
 boxes to BS 5733: 2010
 Refer to appropriate module
 for minimum box depth.

FIXING CENTRES:
 1 gang: 60.3mm
 2 gang: 120.6mm
 BS 5733: 2010 where
 appropriate

Note: No grid required,
 modules just clip into place

Suitable for both RJ11 and
 RJ12 jacks.

RJ11: 4 wire
 RJ12: 6 wire

MOUNTING BOXES:
 Minimum box depth 25mm

FCC68
 EN41003

Cat 6 performance.

Suitable for both 568A and
 568B wiring schemes.

MOUNTING BOXES:
 Minimum Box Depth 35mm

ISO/IEC 11801
 EN 50173
 TIA 568
 EN 41003

technical hotline +44 (0)1268 563720

surface | wiring devices

MK Modular Data System

RJ45 CAT 5E



K5745WHI

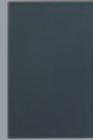


K5745BLK

BLANKS



K170WHI



K170BLK

FRONTPLATES



K291ALM



K292ALM



K293ALM



K294ALM

BOXES



K8891ALM



K8821ALM



K8892ALM

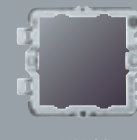


K8822ALM

MOUNTING FRAMES



K3701



K3702



K3703



K3704

DATA MODULES



K455 WHI



K452WHI



K457WHI



K458WHI



K290WHI

K5745WHI
K5745BLK
RJ45 CAT 5E
ONE MODULE

5
5

K170WHI
K170BLK
ONE MODULE BLANK

10
10

K291ALM
1 GANG
ONE MODULE

1

K292ALM
1 GANG
TWO MODULE

1

K293ALM
2 GANG
THREE MODULE

1

K294ALM
2 GANG
FOUR MODULE

1

K8891ALM
1 GANG 38mm BOX
6 x 20mm KNOCKOUTS

10

K8821ALM
1 GANG 38mm BOX
WITHOUT KNOCKOUTS

10

K8901ALM
1 GANG 46mm DEEP BOX
6 x 20mm KNOCKOUTS

5

K8892ALM
2 GANG 38mm BOX
8 x 20mm KNOCKOUTS

5

K8822ALM
2 GANG 38mm BOX
WITHOUT KNOCKOUTS

5

K8902ALM
2 GANG 46mm DEEP BOX
4 x 20mm AND 4 x 25mm
KNOCKOUTS

5

K3701
1 GANG
ONE MODULE

10

K3702
1 GANG
TWO MODULE

10

K3703
2 GANG
THREE MODULE

10

K3704
2 GANG
FOUR MODULE

10

BS 5733: 2010
where applicable

K455WHI
RJ45 CATEGORY 5e
DATA SOCKET ONE MODULE

1

K452WHI
TELEPHONE OUTLET
ONE MODULE MASTER

1

K457WHI
TELEPHONE OUTLET
ONE MODULE SECONDARY

1

K458WHI
RJ11 TELEPHONE/DATA
SOCKET ONE MODULE

1

K290WHI
BLANK ONE MODULE

1

Enhanced Cat 5 performance.
Suitable for both 568A and
568B wiring schemes.

MOUNTING BOXES:
Minimum box depth 25mm
ISO/IEC 11801
EN 50173
TIA 568
EN 41003

MOUNTING BOXES:
Minimum box depth 16mm
BS 5733: 2010 where
appropriate

BS 5733: 2010
where applicable

All boxes have a base
knockout and feature
self-levelling platforms to
ensure that the mounting
frame is always positioned
correctly without the need for
adjustment.

BS 5733: 2010
where applicable

Data/telecom modules are
for use
with Metalclad Plus
frontplates only.

K455 is Category 5e
compliant
IEC 11801
BS EN 50173
TIA/EIA 568A
BS 5733: 2010

K452 and K457

are approved under OFTEL approval No. NS/G/23/L/100005 for
direct and indirect connections between a termination point of
a public telecommunications system and any piece of approved
telecommunications apparatus.

BS 6312 Pt.2 where applicable

Spare Boxes

Blank Plates

Grid Plus
Frontplates

K829ALM



K897ALM



K3390ALM



K3492ALM



K3491WHI



K830ALM



K897WHI



K3390WHI



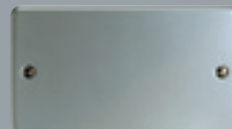
K3494ALM



K3492WHI



K899ALM



K3369ALM



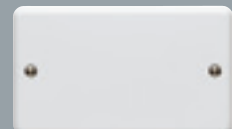
K3502ALM



K3493WHI



K899WHI



K3369WHI



K3494WHI

K829ALM
1 GANG
WITHOUT KNOCKOUTS

5

K830ALM
2 GANG
WITHOUT KNOCKOUTS

5

K899ALM

10

K899WHI
1 GANG
6 X 20mm KNOCKOUTS

10

K897ALM

K897WHI

2 GANG
8 X 20mm KNOCKOUTS

5

5

K3390ALM
K3390WHI

1 GANG

K3369ALM
K3369WHI

2 GANG

5

5

5

5

K3491ALM

1 MODULE

K3492ALM

2 MODULE

K3493ALM

3 MODULE

K3494ALM

4 MODULE

K3496ALM

6 MODULE

K3498ALM

8 MODULE

K3499ALM

9 MODULE

K3502ALM

12 MODULE

K3508ALM

18 MODULE

K3514ALM

24 MODULE

10

10

5

5

1

1

1

1

1

1

K3491WHI

1 MODULE

K3492WHI

2 MODULE

K3493WHI

3 MODULE

K3494WHI

4 MODULE

10

10

5

5

All boxes are fitted with a brass earth terminal and a base knockout.

DIMENSIONS:

1 gang: 86 x 86 x 38mm
2 gang: 86 x 147 x 38mm

These boxes are not suitable for mounting Grid Plus modules or modular data/telecom modules.

BS 5733: 2010

DIMENSIONS:

K3390: 86 x 86mm
K3369: 86 x 147mm

FIXING CENTRES:

K3390: 60.3mm
K3369: 120.6mm

BS 5733: 2010

Blank plates supplied without backboxes.

DIMENSIONS:

1 & 2 module: 86 x 86mm
3 & 4 module: 86 x 146mm
6 & 8 module: 146 x 146mm
9 & 12 module: 146 x 206mm
18 module: 206 x 206mm
24 module: 206 x 266mm

BS 5733: 2010

See Grid Plus page 175 for a complete selection of switching modules.

technical hotline +44 (0)1268 563720

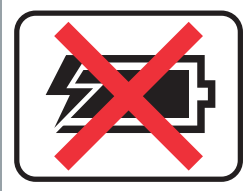
surface | wiring devices

Echo™ is an innovative range of entirely wireless, batteryless and self-powered switches, only available from MK Electric.

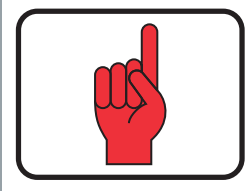
1 AND 2 CHANNEL TRANSMITTERS FOR Echo™



WIRELESS



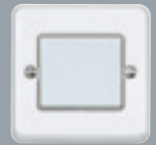
BATTERYLESS



SELF-POWERED



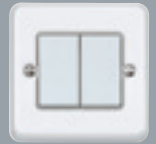
K3786ALM



K3786WHI



K3787ALM



K3787WHI

No wires offers the benefits of almost instant switch installation and total location flexibility, resulting in reduced costs and disruption as well as improved speed and ease of installation – invaluable for areas needing to rearrange space periodically, e.g. commercial offices, or those where the channelling of walls isn't permissible or feasible, such as historic buildings or glass partition walls.

Batteryless

No batteries means low maintenance and low running costs. No need to buy, fit, replace or dispose of batteries, eliminating nuisance and waste for a more sustainable option.

Self-powered

The new Echo™ range works by harvesting tiny amounts of ambient energy which power a switch (Transmitter) to send an RF signal to the Switch Receiver which is connected to the lighting circuit – operating lighting at ranges of up to 30 metres within typical buildings.

For more information on Echo™, please see the Echo™ section page 31

K3786ALM
K3786WHI
1 CHANNEL SWITCH TRANSMITTER FOR ECHO™

1
1

K3787ALM
K3787WHI
2 CHANNEL SWITCH TRANSMITTER FOR ECHO™

1
1

OPERATING FREQUENCY:
868.3 Mhz
IP RATING:
IP2 x D
DIMENSIONS:
86 x 86mm
BS EN 60669-1
BS EN 60669-2-1
ETSI EN 301 489-1+ -3
ETSI EN 300 220-3