



## 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**

**BOXES AVAILABLE WITH OR WITHOUT KNOCKOUTS**

**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**

Funnel entrance to terminals enables positive cable connection.

Outboard rocker sockets are ideal for gloved hands.

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

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 mm<sup>2</sup> 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:

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#### KNOCKOUTS:

1 gang: 6 x 20mm.

Two in one side and one in each of  
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Three in top two in bottom sides  
and one in each end. One in base

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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