

# Metalclad Plus Sentrysocket

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PRODUCT RANGE	
<b>RCD protected switchsocket outlets</b>	
<b>30mA Active Control</b>	
Single socket	K6302 ALM
Double socket	K6231 ALM
<b>30mA Passive Control</b>	
Single socket	K6305 ALM
Double socket	K6233 ALM
<b>10mA Active Control</b>	
Single socket	K6102 ALM
Double socket	K6211 ALM

### Compliance with EC Directives, Standards and approvals

All Sentrysockets comply with the following EC Directives and are CE marked:

Low Voltage Directive (73/23/EEC)  
Electromagnetic Compatibility Directive (89/336/EEC)

Sentrysocket RCD Sockets also comply with the requirements of the following standards:

BS 7288: 1990 (1993)  
BS 2011 Part 2.1 Db (Damp Heat - cyclic)  
BS 2011 Part 2.1 Ka (Salt mist)  
BS EN 50082-1

Sentrysocket RCD Double Sockets comply with BS 7288: 1990 (1993) and BS EN 61543: 1996 for EMC

All products are designed and manufactured to allow installation to comply with BS7671 - IEE Wiring Regulations.

### Description

Sentrysocket provides a high level of protection against electrocution and gives further protection when used with appliances vulnerable to insulation damage, particularly when they are in damp environments or outdoors. Always use Masterseal Sentrysocket when mounting in damp environments or outdoors.

Sentrysocket, incorporating an RCD, is part of a complete range of fixed and portable wiring accessories and circuit protection devices suitable for use in domestic, commercial and industrial applications.

#### Active control circuit

Sentrysocket products with an active control circuit incorporate a 'Re-set' mechanism and are mains failure sensitive, ie they will

function under all the normal conditions expected of an RCD, but will also trip in the event of a power cut or a sudden, dramatic reduction in mains voltage. This makes them ideal for use where it would be hazardous for equipment to suddenly energise after return of mains power, such as use with rotating machinery and heat developing apparatus.

#### Passive control circuit

Sentrysocket products with a passive control circuit incorporate a 'Stay-set' mechanism and is mains failure proof, ie it will function under all the normal conditions expected of an RCD and will not trip in the event of a power cut. This makes it suitable for use with freezers or in inaccessible or unmanned locations.

### Features

- Suitable for most residential, commercial and light industrial applications.
- Active and passive control circuit applications
- Comply fully with current Wiring Regulations
- Double pole switching
- Flexible and versatile in use
- Ideal for use with equipment subject to wet weather or high humidity
- Part of a complete range of MK circuit protection devices
- They are a.c. and pulsating d.c. sensitive for residual current

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**Sentrysocket**

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**TECHNICAL SPECIFICATION**

**Electrical**

Rated Voltage:  
240V a.c.

Current rating:  
13A resistive

Rated tripping current  
30mA and 10mA versions

Terminal capacity:  
3 x 4mm<sup>2</sup>

**Physical**

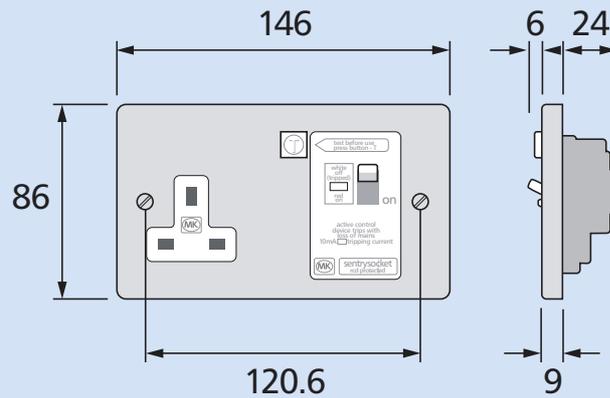
Ambient operating temperature:  
-5°C to +40°C

IP rating:  
IP4X

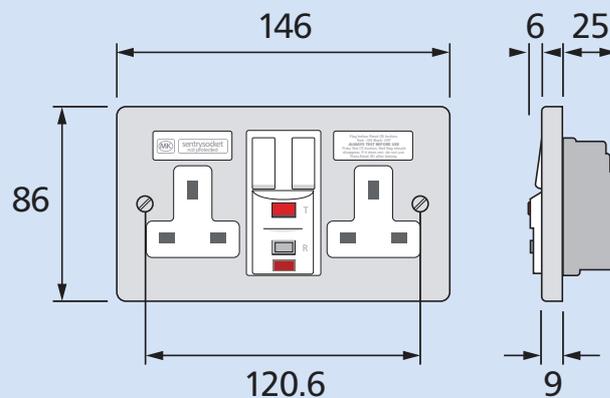
Max. installation altitude:  
2000 metres

**Dimensions (mm)**

Single socket



Double socket



**Box types**

Sentrysocket	Flush	Surface
Metalclad Plus	-	K897 ALM (Spare Box)

Metalclad Plus products have the mounting box included with the product. They are suitable for surface mounting only. Available for Single or Double Sockets.